

BUYER'S GUIDE

ENCLOSURES AND COMPONENTS



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General Terms		

According to NL 92

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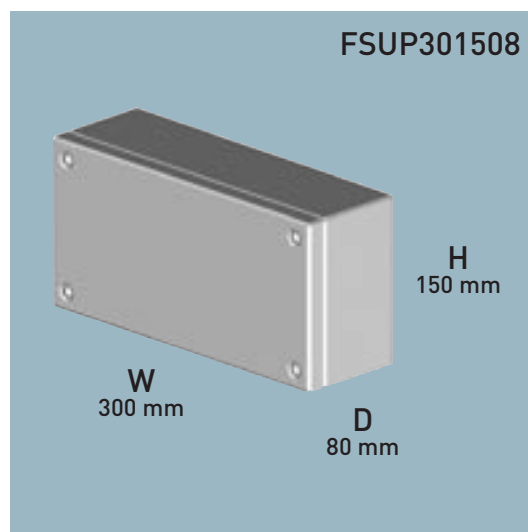
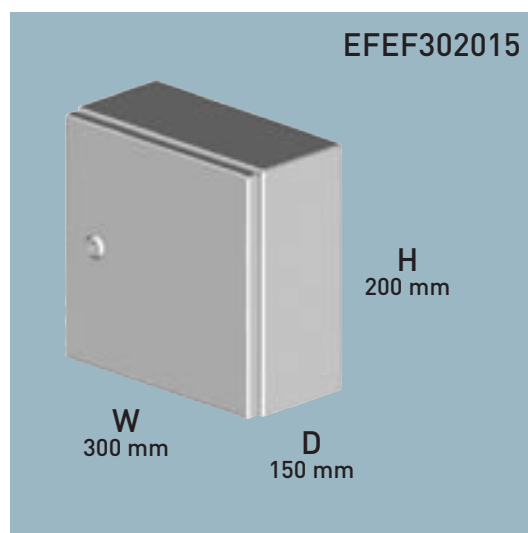
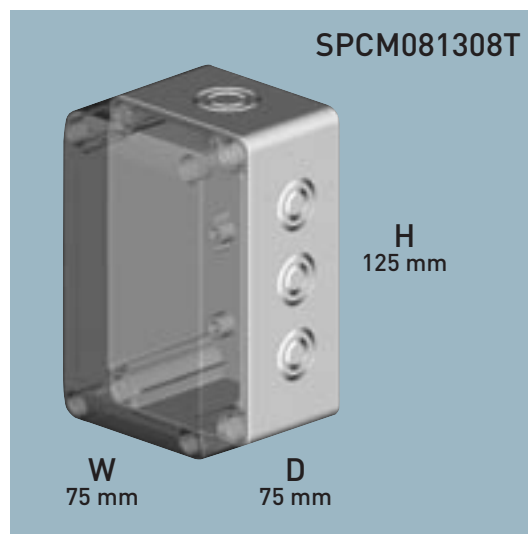
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Ensto Cubo Enclosures - Key to the Codes

The product numbers containing ten or eleven symbols give much information on the enclosure. Below instructions how to read the product numbers:

Symbol	1	2	3	4	5	6	7	8	9	10	11
Enclosure	S	P	C	M	0	8	1	3	0	8	T
	E	F	E	F	3	0	2	0	1	5	
	F	S	U	P	3	0	1	5	0	8	
1 st symbol	informs about the family of the enclosure. The enclosures in the examples above are a small general purpose enclosure of the S series, a wall mounted cabinet of the E series and a terminal enclosure of the F series.										
2 nd and 3 rd symbol	inform about the material. The first enclosure is a polycarbonate (PC) enclosure of the S series, the second a painted steel enclosure (FE) of the E series and the third an enclosure of stainless steel (S) of the F series. PC = poly carbonate FE = painted steel (ferrum) F = painted steel (ferrum) SS = stainless steel S = stainless steel AU = acid-proof steel AB = ABS plastic GR = glass-reinforced polyester AL = aluminium										
4 th symbol	gives more information about the enclosures, M = the enclosure has metric knock-outs in the base K = the enclosure has Pg knock-outs P = the enclosure has plain sides F = the enclosure has flange knock-outs W = the steel enclosure has a window made of polycarbonate										
5 th and 6 th symbol	inform about the width of the enclosure, in centimetres. The first enclosure of the examples above is 75 mm in width (08), the second and third 300 mm (30). The width is always mentioned first of the dimensions. Regarding plastic enclosures vertical mounting is assumed, that is why we first mention the dimensions of the shorter side. The width of the cabinets is for a non-hinged side. Regarding terminal enclosures of the F series it is assumed that the DIN rails are mounted horizontally.										
7 th and 8 th symbol	inform about the height of the enclosure, in centimetres. The first enclosure of the examples above is 125 mm in height (13), the second 200 mm (20) and the third 150 mm (15).										
9 th and 10 th symbol	inform about the depth of the enclosure, in centimetres. The first enclosure of the examples above is 75 mm in depth (08), the second 150 mm (15) and the third 75 mm (08).										
11 th symbol and symbols that may follow	are reserved for additional characteristics. The S enclosure in the example above is fitted with a transparent cover. T = the plastic enclosure has a transparent cover G = the plastic enclosure has a grey cover D = the steel enclosure has two doors										

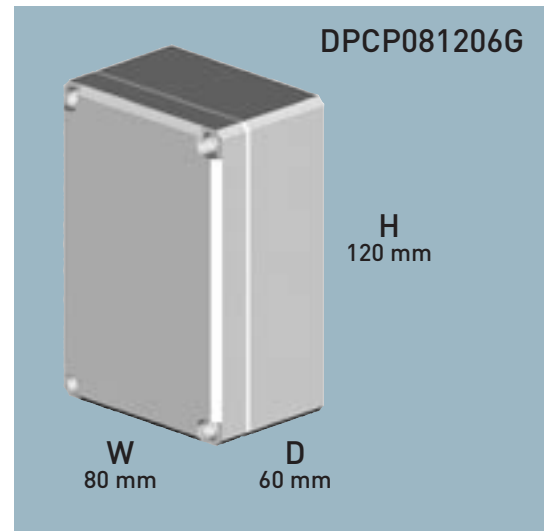


Ensto Cubo D, OEM Enclosures, Thermoplastic, IP 66/67

The Ensto Cubo D enclosures are dimensioned according to the so called European Norm enclosures. The enclosures always have plain sides and captive cover screws of stainless steel. The Ensto Cubo D range is designed for demanding OEM use: e.g. for protecting of sensitive electronic, electric and pneumatic components and as terminal box.

Special features are fastening pods inside the cover and slots for printed circuit boards in the base.

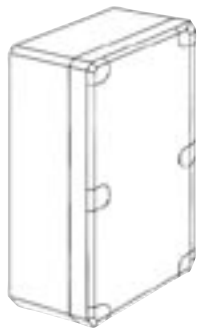
Material polycarbonate or ABS, standard colour grey RAL 7035.
Cover grey or transparent – the transparent cover always comes in polycarbonate.



PG 5251

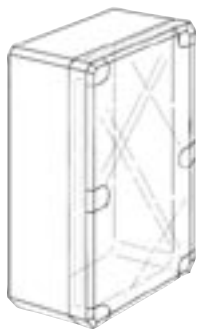
Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Enclosure, polycarbonate with grey cover, incl. cover and mounting screws and cover plugs



DPCP050504G	53	55	36	27.5	0.0470	18	6418677150005
DPCP050704G	53	63	36	25.0	0.0550	15	6418677150043
DPCP080806G	80	82	56	42.0	0.1280	12	6418677150081
DPCP080809G	80	82	86	72.0	0.1630	12	6418677150128
DPCP081206G	80	120	56	42.0	0.1690	18	6418677150166
DPCP081209G	80	120	86	72.0	0.2050	9	6418677150203
DPCP081606G	80	160	56	42.0	0.1940	12	6418677150241
DPCP081609G	80	160	86	72.0	0.2550	12	6418677150289
DPCP121206G	120	122	56	42.0	0.2190	12	6418677150326
DPCP121209G	120	122	86	72.0	0.2880	12	6418677150364
DPCP121609G	120	160	91	77.5	0.3630	8	6418677150401
DPCP122009G	120	200	86	72.0	0.4230	8	6418677150487
DPCP152008G	150	200	76	62.0	0.4210	10	6418677150562
DPCP162409G	160	240	91	77.5	0.6120	10	6418677150609
DPCP162412G	160	240	121	107.5	0.7430	8	6418677150647
DPCP233009G	230	300	86	72.5	0.9730	7	6418677150722
DPCP233011G	230	300	111	97.5	1.1070	7	6418677150760

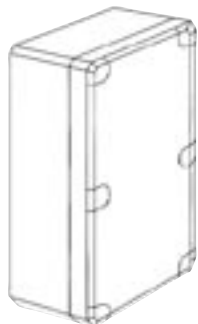
Enclosure, polycarbonate with transparent cover, incl. cover and mounting screws and cover plugs



DPCP050504T	53	55	36	27.5	0.0470	18	6418677150012
DPCP050704T	53	63	36	25.0	0.0550	15	6418677150050
DPCP080806T	80	82	56	42.0	0.1280	12	6418677150098
DPCP080809T	80	82	86	72.0	0.1630	12	6418677150135
DPCP081206T	80	120	56	42.0	0.1690	18	6418677150173
DPCP081209T	80	120	86	72.0	0.2050	9	6418677150210
DPCP081606T	80	160	56	42.0	0.1940	12	6418677150258
DPCP081609T	80	160	86	72.0	0.2550	12	6418677150296
DPCP121206T	120	122	56	42.0	0.2190	12	6418677150333
DPCP121209T	120	122	86	72.0	0.2880	12	6418677150371
DPCP121609T	120	160	91	77.5	0.3630	8	6418677150418
DPCP122009T	120	200	86	72.0	0.4230	8	6418677150494
DPCP152008T	150	200	76	62.0	0.4210	10	6418677150579
DPCP162409T	160	240	91	77.5	0.6120	10	6418677150616
DPCP162412T	160	240	121	107.5	0.7430	8	6418677150654
DPCP233009T	230	300	86	72.5	0.9730	7	6418677150739
DPCP233011T	230	300	111	97.5	1.1070	7	6418677150777

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Enclosure, ABS with grey cover, incl. cover and mounting screws and cover plugs



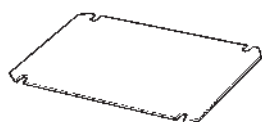
DABP050504G		53	55	36	27.5	0.0430	18	6418677150029
DABP050704G		53	63	36	25.0	0.0500	15	6418677150067
DABP080806G		80	82	56	42.0	0.1170	12	6418677150104
DABP080809G		80	82	86	72.0	0.1410	12	6418677150142
DABP081206G		80	120	56	42.0	0.1460	18	6418677150180
DABP081209G		80	120	86	72.0	0.1850	9	6418677150227
DABP081606G		80	160	56	42.0	0.1840	12	6418677150265
DABP081609G		80	160	86	72.0	0.2290	12	6418677150302
DABP121206G		120	122	56	42.0	0.2010	12	6418677150340
DABP121209G		120	122	86	72.0	0.2600	12	6418677150388
DABP121609G		120	160	91	77.5	0.3350	8	6418677150425
DABP122009G		120	200	86	72.0	0.3800	8	6418677150500
DABP152008G		150	200	76	62.0	0.3880	10	6418677150586
DABP162409G		160	240	91	77.5	0.5460	10	6418677150623
DABP162412G		160	240	121	107.5	0.6800	8	6418677150661
DABP233009G		230	300	86	72.5	0.8440	7	6418677150746
DABP233011G		230	300	111	97.5	0.8950	7	6418677150784

Enclosure, ABS with transparent cover, incl. cover and mounting screws and cover plugs



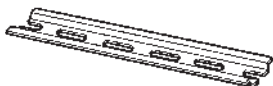
DABP050504T		53	55	36	27.5	0.0450	18	6418677150036
DABP050704T		53	63	36	25.0	0.0510	15	6418677150074
DABP080806T		80	82	56	42.0	0.1220	12	6418677150111
DABP080809T		80	82	86	72.0	0.1460	12	6418677150159
DABP081206T		80	120	56	42.0	0.1520	18	6418677150197
DABP081209T		80	120	86	72.0	0.1910	9	6418677150234
DABP081606T		80	160	56	42.0	0.1920	12	6418677150272
DABP081609T		80	160	86	72.0	0.2370	12	6418677150319
DABP121206T		120	122	56	42.0	0.2080	12	6418677150357
DABP121209T		120	122	86	72.0	0.2670	12	6418677150395
DABP121609T		120	160	91	77.5	0.3460	8	6418677150432
DABP122009T		120	200	86	72.0	0.3940	8	6418677150517
DABP152008T		150	200	76	62.0	0.3980	10	6418677150593
DABP162409T		160	240	91	77.5	0.5770	10	6418677150630
DABP162412T		160	240	121	107.5	0.7080	8	6418677150678
DABP233009T		230	300	86	72.5	0.9090	7	6418677150753
DABP233011T		230	300	111	97.5	1.0430	7	6418677150791

Mounting plate, galvanized steel (FeZn)



DMP0808		55	65	1.5		0.0390	10	6418677150821
DMP0812		65	93	1.5		0.0670	10	6418677150838
DMP0816		65	133	1.5		0.0970	10	6418677150845
DMP1212		95	105	1.5		0.1120	10	6418677150852
DMP1216		105	132	1.5		0.1300	10	6418677150869
DMP1220		105	172	1.5		0.2020	10	6418677150876
DMP1520		133	172	1.5		0.2600	10	6418677150890
DMP1624		145	213	1.5		0.3420	10	6418677150906
DMP2330		210	285	1.5		0.6730	10	6418677150920

DIN rail, W=15 or 35 mm, DIN 46277/3



DR15016.4	For 050504	15	26	5		0.0070	10	6418677150937
DR15038.4	For 050704	15	48	5		0.0140	10	6418677150944
DR15058.4	For 080806/09	15	68	5		0.0170	10	6418677150951
DR15096.4	For 081206/09, 121206/09	15	106	5		0.0280	10	6418677150975
DR15136.4	For 081606/09, 121609	15	146	5		0.0360	10	6418677150999



DR35058.4	For 080806/09	35	68	7.3		0.0210	10	6418677150968
DR35 096.4	For 081206/09, 121206/09	35	106	7.3		0.0340	10	6418677150982
DR35136.4	For 081606/09, 121609	35	146	7.3		0.0460	10	6418677151002
DR35160.4	For 152008	35	170	7.3		0.0550	10	6418677151071
DR35176.4	For 122009	35	186	7.3		0.0590	10	6418677151057
DR35215.4	For 162409/12	35	225	7.3		0.0730	10	6418677156120
DR35275.4	For 233009/11	35	285	7.3		0.0930	10	6418677151101

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Accessories



DSH1

Hinge, pair

27 x 28 x 10

0.0270

1

6418677156144

DFL1

Fastening lug x 4

33 x 21 x 9.5

0.0200

1

6418677151125

DCP1

Cover plug

0.0024

50

6418677151149

DLS1

Cover screw, short

3 x 18/10

0.0014

48

6418677151163

DLSA1.04

4 x DLS1+4 x DMS1

3 x 18/10

0.0100

1

6418677151293

DLSA1.06

6 x DLS1+4 x DMS1

3 x 18/10

0.0130

1

6418677151309

DLS2

Cover screw, long for 162412

3 x 50/10

0.0018

24

6418677151279

DLS3

Cover screw TORX TX20

3 x 18/10

0.0014

48

6418677151286

DMS1

Mounting screw

3 x 7

0.0010

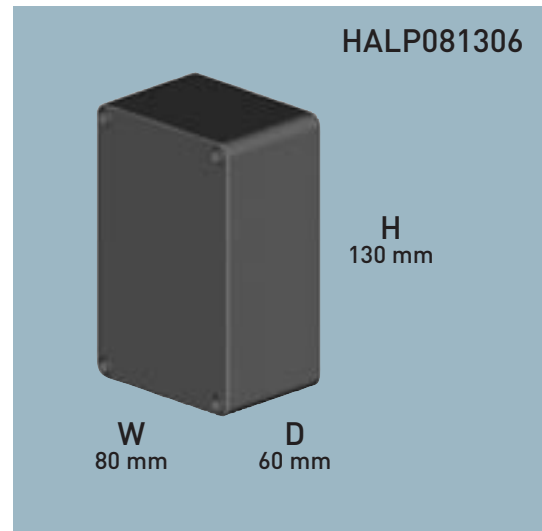
100

6418677151156



Ensto Cubo H, OEM Enclosures, Aluminium, IP 65, Impact Resistance 7 Nm

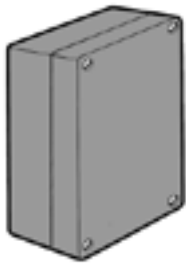
The Ensto Cubo H enclosures are dimensioned according to the so called European Norm enclosures. The enclosures always have plain sides and captive cover screws of stainless steel. The Ensto Cubo H range meets the requirements of the machine and military industry as regards resistance against solvents, petrol and oil. Excellent temperature, impact and RFI/EMI (additional gasket required) resistance. Standard colour grey RAL 7001.



PG 5255

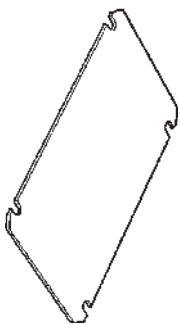
Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Enclosure, incl. cover and mounting screws, RAL 7001, painted



HALP050503	50	45	30	25.0	0.070	7	6418677165450
HALP060604	64	58	34	29.5	0.160	5	6418677165771
HALP061004	64	98	34	29.5	0.220	3	6418677165788
HALP061504	64	150	35	29.0	0.330	1	6418677165795
HALP080806	80	75	57	51.0	0.280	1	6418677165801
HALP081306	80	125	57	51.0	0.435	1	6418677165818
HALP081806	80	175	57	51.0	0.530	1	6418677165825
HALP082506	80	250	53	51.0	0.710	1	6418677165832
HALP121209	120	122	91	82.0	0.920	1	6418677165849
HALP122009	120	220	91	82.0	1.410	1	6418677165856
HALP123608	121	360	82	72.0	1.860	1	6418677165863
HALP161609	160	160	91	82.0	1.410	1	6418677165870
HALP162609	160	260	91.5	82.0	1.960	1	6418677165887
HALP163609	160	360	91	82.0	2.550	1	6418677165894
HALP165609	160	560	91	82.0	4.310	1	6418677165900
HALP202311	202	232	111	102.0	2.730	1	6418677165917
HALP232811	232	280	111	102.0	3.840	1	6418677165931
HALP233311	232	334	111	102.0	4.270	1	6418677165948
HALP233318	230	330	181	172.0	5.300	1	6418677165955
HALP234011	233	400	111	102.0	4.870	1	6418677165962
HALP236011	230	600	111	102.0	6.380	1	6418677165979
HALP314011	313	404	111	101.0	5.810	1	6418677165986
HALP314018	313	404	111	172.0	7.420	1	6418677165993
HALP316011	310	600	111	102.0	8.480	1	6418677166006
HALP316018	310	600	181	172.0	10.840	1	6418677166013

Mounting plate, galvanized steel



HMP0808B	69	64	1.5	-	0.047	1	6418677157578
HMP0813B	69	114	1.5	-	0.091	1	6418677157585
HMP0818B	69	164	1.5	-	0.126	1	6418677157592
HMP0825B	69	239	1.5	-	0.189	1	6418677157387
HMP1212B	107	108	1.5	-	0.171	1	6418677157608
HMP1222B	107	206	1.5	-	0.241	1	6418677157615
HMP1236B	107	346	1.5	-	0.406	1	6418677157622
HMP1616B	144	143	1.5	-	0.210	1	6418677157639
HMP1626B	144	243	1.5	-	0.382	1	6418677157646
HMP1636B	144	343	1.5	-	0.538	1	6418677157653
HMP1656B	144	543	2.5	-	1.467	1	6418677157660
HMP2023B	214	183	1.5	-	0.424	1	6418677157677
HMP2328B	214	263	1.5	-	0.622	1	6418677157684
HMP2333B	214	313	1.5	-	0.738	1	6418677157691
HMP2340B	214	383	1.5	-	1.856	1	6418677157707
HMP2360B	214	583	2.5	-	2.323	1	6418677157714
HMP3140B	294	387	2.5	-	2.133	1	6418677157721
HMP3160B	293	585	2.5	-	3.210	1	6418677157738

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Hinge pair ¹ W sides ² H sides ³ all four sides

HHI11	For (W x H) 0808 - 0825 ¹	31.5	25	14		0.025	1	6418677157745
HHI12	For (W x H) 0813 - 0825 ²	31.5	25	14		0.049	1	6418677156946
HHI13	For (W x H) 1212 - 3160 ³	31.5	25	14		0.057	1	6418677156953

Wall mounting lugs AISI304

HFL1	For (W x H) 1212 - 1656	52.5	16	6		0.076	1	6418677156960
HFL2	For (W x H) 2023 - 3160	52	16	6		0.089	1	6418677156977

DIN rails



DR15.0606	W = 15 mm	15	48	5		0.010	1	6418677156984
DR15.0610	W = 15 mm	15	88	5		0.016	1	6418677156991
DR15.0615	W = 15 mm	15	140	5		0.025	1	6418677157004
DR15.0808H	W = 15 mm	15	64	5		0.012	1	6418677157011
DR15.0813	W = 15 mm	15	64	5		0.012	1	6418677157028
DR15.0818	W = 15 mm	15	164	5		0.028	1	6418677157035
DR15.0825	W = 15 mm	15	240	5		0.040	1	6418677157042

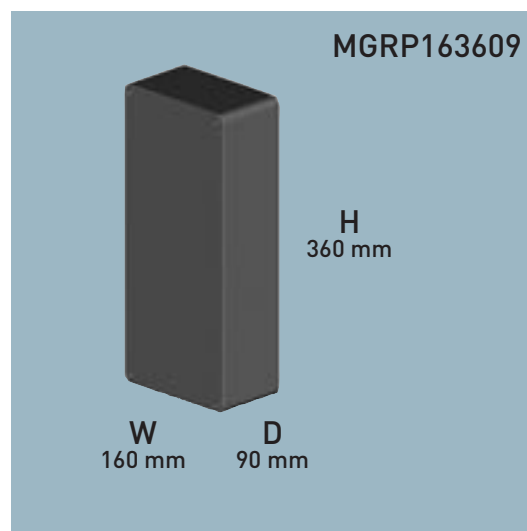


DR35.1212	W = 35 mm	35	108	7.3		0.047	1	6418677157059
DR35.1220	W = 35 mm	35	206	7.3		0.080	1	6418677157066
DR35.12/1636	W = 35 mm	35	345	7.3		0.125	1	6418677157073
DR35.1616	W = 35 mm	35	145	7.3		0.060	1	6418677157080
DR35.1626	W = 35 mm	35	244	7.3		0.091	1	6418677157097
DR35.1656	W = 35 mm	35	544	7.3		0.196	1	6418677157103
DR35.2023	W = 35 mm	35	183	7.3		0.066	1	6418677157110
DR35.2328	W = 35 mm	35	265	7.3		0.096	1	6418677157134
DR35.2333	W = 35 mm	35	314	7.3		0.115	1	6418677157141
DR35.23/3140	W = 35 mm	35	384	7.3		0.143	1	6418677157158
DR35.23/3160	W = 35 mm	35	583	7.3		0.211	1	6418677157165

Ensto Cubo M, OEM Enclosures, Polyester, IP 65, Impact Resistance 7 Nm

The Ensto Cubo M enclosures are dimensioned according to the so called European Norm enclosures. The enclosures always have plain sides and captive cover screws of stainless steel. Thanks to their sturdy construction, their strength, corrosion and weather resistance and high tightness, they meet the demands of durability in severe chemical environments.

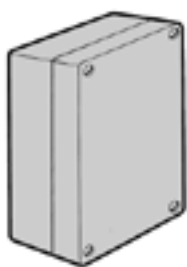
The Ensto Cubo M enclosures are made of glass reinforced polyester; standard colour grey RAL 7000.



PG 5256

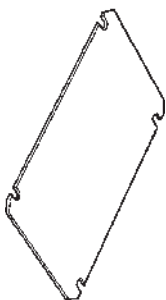
Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Enclosure, incl. cover and mounting screws, RAL 7000 grey



MGRP080806	75	80	55.5	47.5	0.230	1	6418677165610
MGRP081106	75	110	51.5	47.5	0.295	1	6418677165627
MGRP081606	75	160	55.5	47.5	0.405	1	6418677165634
MGRP081906	75	190	56.5	47.5	0.450	1	6418677165641
MGRP121209	120	122	91	81.0	0.750	1	6418677165658
MGRP122209	120	220	91	82.0	1.060	1	6418677165672
MGRP161609	160	160	91	80.0	1.130	1	6418677165689
MGRP162609	160	260	91	80.0	1.710	1	6418677165702
MGRP163609	160	360	91	80.0	2.150	1	6418677165719
MGRP165609	160	560	91	80.0	3.185	1	6418677165726
MGRP252612	250	255	121	109.0	2.650	1	6418677165733
MGRP254012	250	400	121	109.0	3.650	1	6418677165757
MGRP404112	400	405	121	109.0	5.580	1	6418677165764

Mounting plates



MMP0808B	Pertinax	64	69	2	-	0.016	1	6418677157752
MMP0811B	Pertinax	64	99	2	-	0.021	1	6418677157769
MMP0816B	Pertinax	64	149	2	-	0.025	1	6418677157776
MMP0819B	Pertinax	64	179	2	-	0.030	1	6418677157783
MMP1212B	Galv. steel	107	108	1.5	-	0.132	1	6418677157790
MMP1222B	Galv. steel	107	206	1.5	-	0.250	1	6418677157806
MMP1616B	Galv. steel	144	144	1.5	-	0.227	1	6418677157813
MMP1626B	Galv. steel	144	244	1.5	-	0.394	1	6418677157820
MMP1636B	Galv. steel	144	344	1.5	-	0.559	1	6418677157837
MMP1656B	Galv. steel	144	543	2.5	-	1.551	1	6418677157844
MMP2526B	Galv. steel	233	240	1.5	-	0.625	1	6418677157851
MMP2540B	Galv. steel	233	384	1.5	-	0.985	1	6418677157868
MMP4041B	Galv. steel	385	390	1.5	-	1.768	1	6418677157875

Hinge, pair

MHI1	Aluminium	-	0.064	1	6418677157882
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Wall mounting lugs AISI304, set

MFL1	For (W x H) 0808 - 0819	12	108	5	-	0.047	1	6418677157288
MFL2	For (W x H) 1212 - 1222	20	160	6	-	0.140	1	6418677157295
MFL3	For (W x H) 1616 - 1656	20	200	6	-	0.176	1	6418677157301
MFL4	For (W x H) 2526 - 2540	20	290	4	-	0.188	1	6418677157318
MFL5	For (W x H) 4041	20	450	5	-	0.688	1	6418677157325

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs		EAN 13 code
		W	H	D					

DIN rails



DR15.0808M	W = 15 mm	15	69	5	-	0.013	1		6418677157899
DR15.0811	W = 15 mm	15	99	5	-	0.019	1		6418677157905
DR15.0816	W = 15 mm	15	149	5	-	0.026	1		6418677157912
DR15.0819	W = 15 mm	15	179	5	-	0.028	1		6418677157929



DR35.1212	W = 35 mm	35	108	7.3	-	0.047	1		6418677157059
DR35.1220	W = 35 mm	35	206	7.3	-	0.080	1		6418677157066
DR35.1616	W = 35 mm	35	145	7.3	-	0.060	1		6418677157080
DR35.1626	W = 35 mm	35	244	7.3	-	0.091	1		6418677157097
DR35.1636	W = 35 mm	35	345	7.3	-	0.125	1		6418677157974
DR35.1656	W = 35 mm	35	544	7.3	-	0.196	1		6418677157103
DR35.2526	W = 35 mm	35	240	7.3	-	0.081	1		6418677157998
DR35.2540.41	W = 35 mm	35	384	7.3	-	0.143	1		6418677158001

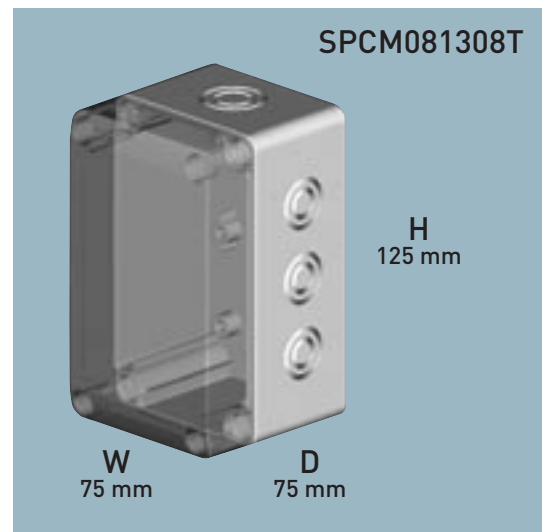
Ensto Cubo S, Small to Medium Size

General Purpose Enclosures

IP 66/67

The Ensto Cubo S enclosures are made of polycarbonate, with pre-pressed knock-outs (Pg or metric) or with plain sides for individual machining of holes. Enclosures with plain sides are available both in ABS and polycarbonate. Standard colour grey RAL 7035; cover grey or transparent.

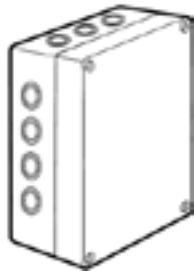
The transparent cover always comes in polycarbonate.



PG 5252

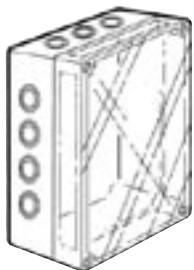
Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Enclosure, polycarbonate, grey cover, Pg knock-outs in the base, incl. cover and mounting screws



SPCK081308G	W: 1 x 9/13 H: 3 x 9/13	75	125	75	60.5	0.209	18	6418677155000
SPCK081310G	W: 1 x 9/13 H: 3 x 9/13	75	125	100	85.5	0.274	9	6418677155062
SPCK081313G	W: 1 x 9/13 H: 3 x 9/13	75	125	125	110.5	0.300	9	6418677155123
SPCK131308G	W: 2 x 16/21 H: 3 x 9/13	125	125	75	60.5	0.283	18	6418677155185
SPCK131310G	W: 2 x 16/21 H: 3 x 9/13	125	125	100	85.5	0.357	12	6418677155246
SPCK131313G	W: 2 x 16/21 H: 3 x 9/13	125	125	125	110.5	0.398	18	6418677155307
SPCK131808G	W: 2 x 16/21 H: 4 x 9/13	125	175	75	60.5	0.381	25	6418677155369
SPCK131810G	W: 2 x 16/21 H: 4 x 9/13	125	175	100	85.5	0.465	19	6418677155420
SPCK131813G	W: 2 x 16/21 H: 4 x 9/13	125	175	125	110.5	0.530	14	6418677155482
SPCK131815G	W: 2 x 16/21 H: 4 x 9/13	125	175	150	135.5	0.603	6	6418677155543
SPCK181808G	W: 2 x 16/21+2 x 9/16 H: 5 x 9/13	175	175	75	60.5	0.461	7	6418677155604
SPCK181810G	W: 2 x 16/21+2 x 9/16 H: 5 x 9/13	175	175	100	85.5	0.573	6	6418677155666
SPCK181813G	W: 2 x 16/21+2 x 9/16 H: 5 x 9/13	175	175	125	110.5	0.640	5	6418677155727
SPCK181815G	W: 2 x 16/21+2 x 9/16 H: 5 x 9/13	175	175	150	135.5	0.717	4	6418677155789
SPCK182508G	W: 2 x 16/21+2 x 9/16 H: 6 x 9/13	175	250	75	60.5	0.631	12	6418677155840
SPCK182510G	W: 2 x 16/21+2 x 9/16 H: 6 x 9/13	175	250	100	85.5	0.743	12	6418677155901
SPCK182515G	W: 2 x 16/21+2 x 9/16 H: 6 x 9/13	175	250	150	135.5	0.947	6	6418677155963

Enclosure, polycarbonate, transparent cover, Pg knock-outs in the base, incl. cover and mounting screws

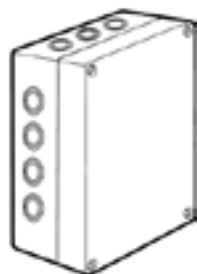


SPCK081308T	W: 1 x 9/13 H: 3 x 9/13	75	125	75	60.5	0.209	18	6418677155017
SPCK081310T	W: 1 x 9/13 H: 3 x 9/13	75	125	100	85.5	0.274	9	6418677155079
SPCK081313T	W: 1 x 9/13 H: 3 x 9/13	75	125	125	110.5	0.300	9	6418677155130
SPCK131308T	W: 2 x 16/21 H: 3 x 9/13	125	125	75	60.5	0.283	18	6418677155192
SPCK131310T	W: 2 x 16/21 H: 3 x 9/13	125	125	100	85.5	0.357	12	6418677155253
SPCK131313T	W: 2 x 16/21 H: 3 x 9/13	125	125	125	110.5	0.398	18	6418677155314
SPCK131808T	W: 2 x 16/21 H: 4 x 9/13	125	175	75	60.5	0.381	25	6418677155376
SPCK131810T	W: 2 x 16/21 H: 4 x 9/13	125	175	100	85.5	0.465	19	6418677155437
SPCK131813T	W: 2 x 16/21 H: 4 x 9/13	125	175	125	110.5	0.530	14	6418677155499
SPCK131815T	W: 2 x 16/21 H: 4 x 9/13	125	175	150	135.5	0.603	6	6418677155550
SPCK181808T	W: 2 x 16/21+2 x 9/16 H: 5 x 9/13	175	175	75	60.5	0.461	7	6418677155611
SPCK181810T	W: 2 x 16/21+2 x 9/16 H: 5 x 9/13	175	175	100	85.5	0.573	6	6418677155673
SPCK181813T	W: 2 x 16/21+2 x 9/16 H: 5 x 9/13	175	175	125	110.5	0.640	5	6418677155734
SPCK181815T	W: 2 x 16/21+2 x 9/16 H: 5 x 9/13	175	175	150	135.5	0.717	4	6418677155796
SPCK182508T	W: 2 x 16/21+2 x 9/16 H: 6 x 9/13	175	250	75	60.5	0.631	12	6418677155857
SPCK182510T	W: 2 x 16/21+2 x 9/16 H: 6 x 9/13	175	250	100	85.5	0.743	12	6418677155918
SPCK182515T	W: 2 x 16/21+2 x 9/16 H: 6 x 9/13	175	250	150	135.5	0.947	6	6418677155970

W = short side
H = long side

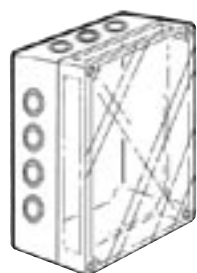
Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Enclosure, polycarbonate, grey cover, metric knock-outs in the base, incl. cover and mounting screws



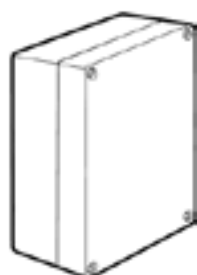
SPCM081308G	W: 1 x 6/25 H: 3 x 12/20	75	125	75	60.5	0.209	18	6418677166358
SPCM081310G	W: 1 x 6/25 H: 3 x 12/20	75	125	100	85.5	0.274	9	6418677166365
SPCM081313G	W: 1 x 6/25 H: 3 x 12/20	75	125	125	110.5	0.300	9	6418677166372
SPCM131308G	W: 2 x 12/20 H: 2 x 16/25	125	125	75	60.5	0.283	18	6418677166389
SPCM131310G	W: 2 x 12/20 H: 2 x 16/25	125	125	100	85.5	0.357	12	6418677166396
SPCM131313G	W: 2 x 12/20 H: 2 x 16/25	125	125	125	110.5	0.398	18	6418677166402
SPCM131808G	W: 2 x 16/25 H: 4 x 12/20	125	175	75	60.5	0.381	25	6418677166419
SPCM131810G	W: 2 x 16/25 H: 4 x 12/20	125	175	100	85.5	0.465	19	6418677166426
SPCM131813G	W: 2 x 16/25 H: 4 x 12/20	125	175	125	110.5	0.530	14	6418677166433
SPCM131815G	W: 2 x 16/25 H: 4 x 12/20	125	175	150	135.5	0.603	6	6418677166440
SPCM181808G	W: 2 x 12/20 + 2 x 16/25 H: 5 x 12/20	175	175	75	60.5	0.461	7	6418677166457
SPCM181810G	W: 2 x 12/20 + 2 x 16/25 H: 5 x 12/20	175	175	100	85.5	0.573	6	6418677166464
SPCM181813G	W: 2 x 12/20 + 2 x 16/25 H: 5 x 12/20	175	175	125	110.5	0.640	5	6418677166471
SPCM181815G	W: 2 x 12/20 + 2 x 16/25 H: 5 x 12/20	175	175	150	135.5	0.717	4	6418677166488
SPCM182508G	W: 2 x 12/20 + 2 x 16/25 H: 6 x 12/20	175	250	75	60.5	0.631	12	6418677166495
SPCM182510G	W: 2 x 12/20 + 2 x 16/25 H: 6 x 12/20	175	250	100	85.5	0.743	12	6418677166501
SPCM182515G	W: 2 x 12/20 + 2 x 16/25 H: 6 x 12/20	175	250	150	135.5	0.947	6	6418677166518

Enclosure, polycarbonate, transparent cover, metric knock-outs in the base, incl. cover and mounting screws



SPCM081308T	W: 1 x 6/25 H: 3 x 12/20	75	125	75	60.5	0.209	18	6418677166525
SPCM081310T	W: 1 x 6/25 H: 3 x 12/20	75	125	100	85.5	0.274	9	6418677166532
SPCM081313T	W: 1 x 6/25 H: 3 x 12/20	75	125	125	110.5	0.300	9	6418677166549
SPCM131308T	W: 2 x 12/20 H: 2 x 16/25	125	125	75	60.5	0.283	18	6418677166556
SPCM131310T	W: 2 x 12/20 H: 2 x 16/25	125	125	100	85.5	0.357	12	6418677166563
SPCM131313T	W: 2 x 12/20 H: 2 x 16/25	125	125	125	110.5	0.398	18	6418677166570
SPCM131808T	W: 2 x 16/25 H: 4 x 12/20	125	175	75	60.5	0.381	25	6418677166587
SPCM131810T	W: 2 x 16/25 H: 4 x 12/20	125	175	100	85.5	0.465	19	6418677166594
SPCM131813T	W: 2 x 16/25 H: 4 x 12/20	125	175	125	110.5	0.530	14	6418677166600
SPCM131815T	W: 2 x 16/25 H: 4 x 12/20	125	175	150	135.5	0.603	6	6418677166617
SPCM181808T	W: 2 x 12/20 + 2 x 16/25 H: 5 x 12/20	175	175	75	60.5	0.461	7	6418677166624
SPCM181810T	W: 2 x 12/20 + 2 x 16/25 H: 5 x 12/20	175	175	100	85.5	0.573	6	6418677166631
SPCM181813T	W: 2 x 12/20 + 2 x 16/25 H: 5 x 12/20	175	175	125	110.5	0.640	5	6418677166648
SPCM181815T	W: 2 x 12/20 + 2 x 16/25 H: 5 x 12/20	175	175	150	135.5	0.717	4	6418677166655
SPCM182508T	W: 2 x 12/20 + 2 x 16/25 H: 6 x 12/20	175	250	75	60.5	0.631	12	6418677166662
SPCM182510T	W: 2 x 12/20 + 2 x 16/25 H: 6 x 12/20	175	250	100	85.5	0.743	12	6418677166679
SPCM182515T	W: 2 x 12/20 + 2 x 16/25 H: 6 x 12/20	175	250	150	135.5	0.947	6	6418677166686

Enclosure, polycarbonate, grey cover, plain sides in the base, incl. cover and mounting screws

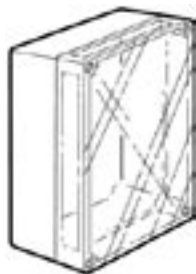


SPCP081308G		75	125	75	60.5	0.209	18	6418677155031
SPCP081310G		75	125	100	85.5	0.274	9	6418677155086
SPCP081313G		75	125	125	110.5	0.300	9	6418677155147
SPCP131308G		125	125	75	60.5	0.283	18	6418677155208
SPCP131310G		125	125	100	85.5	0.357	12	6418677155260
SPCP131313G		125	125	125	110.5	0.398	18	6418677155321
SPCP131808G		125	175	75	60.5	0.381	25	6418677155383
SPCP131810G		125	175	100	85.5	0.465	19	6418677155444
SPCP131813G		125	175	125	110.5	0.530	14	6418677155505
SPCP131815G		125	175	150	135.5	0.603	6	6418677155567
SPCP181808G		175	175	75	60.5	0.461	7	6418677155628
SPCP181810G		175	175	100	85.5	0.573	6	6418677155680
SPCP181813G		175	175	125	110.5	0.640	5	6418677155741
SPCP181815G		175	175	150	135.5	0.717	4	6418677155802
SPCP182508G		175	250	75	60.5	0.631	12	6418677155864
SPCP182510G		175	250	100	85.5	0.743	12	6418677155925
SPCP182515G		175	250	150	135.5	0.947	6	6418677155987

W = short side
H = long side

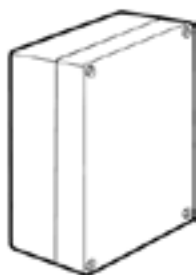
Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Enclosure, polycarbonate, transparent cover, plain sides in the base, incl. cover and mounting screws



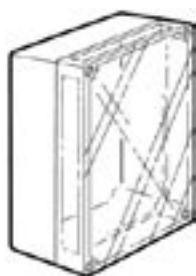
SPCP081308T	75	125	75	60.5	0.209	18	6418677155024
SPCP081310T	75	125	100	85.5	0.274	9	6418677155093
SPCP081313T	75	125	125	110.5	0.300	9	6418677155154
SPCP131308T	125	125	75	60.5	0.283	18	6418677155215
SPCP131310T	125	125	100	85.5	0.357	12	6418677155277
SPCP131313T	125	125	125	110.5	0.398	18	6418677155338
SPCP131808T	125	175	75	60.5	0.381	25	6418677155390
SPCP131810T	125	175	100	85.5	0.465	19	6418677155451
SPCP131813T	125	175	125	110.5	0.530	14	6418677155512
SPCP131815T	125	175	150	135.5	0.603	6	6418677155574
SPCP181808T	175	175	75	60.5	0.461	7	6418677155635
SPCP181810T	175	175	100	85.5	0.573	6	6418677155697
SPCP181813T	175	175	125	110.5	0.640	5	6418677155758
SPCP181815T	175	175	150	135.5	0.717	4	6418677155819
SPCP182508T	175	250	75	60.5	0.631	12	6418677155871
SPCP182510T	175	250	100	85.5	0.743	12	6418677155932
SPCP182515T	175	250	150	135.5	0.947	6	6418677155994

Enclosure, ABS, grey cover, plain sides in the base, incl. cover and mounting screws



SABP081308G	75	125	75	60.5	0.184	18	6418677155048
SABP081310G	75	125	100	85.5	0.243	9	6418677155109
SABP081313G	75	125	125	110.5	0.266	9	6418677155161
SABP131308G	125	125	75	60.5	0.250	18	6418677155222
SABP131310G	125	125	100	85.5	0.317	12	6418677155284
SABP131313G	125	125	125	110.5	0.353	18	6418677155345
SABP131808G	125	175	75	60.5	0.328	25	6418677155406
SABP131810G	125	175	100	85.5	0.401	19	6418677155468
SABP131813G	125	175	125	110.5	0.459	14	6418677155529
SABP131815G	125	175	150	135.5	0.521	6	6418677155581
SABP181808G	175	175	75	60.5	0.392	7	6418677155642
SABP181810G	175	175	100	85.5	0.490	6	6418677155703
SABP181813G	175	175	125	110.5	0.557	5	6418677155765
SABP181815G	175	175	150	135.5	0.616	4	6418677155826
SABP182508G	175	250	75	60.5	0.553	12	6418677155888
SABP182510G	175	250	100	85.5	0.666	12	6418677155949
SABP182515G	175	250	150	135.5	0.842	6	6418677156007

Enclosure, ABS, transparent cover, plain sides in the base, cover and mounting screws



SABP081308T	75	125	75	60.5	0.193	18	6418677155055
SABP081310T	75	125	100	85.5	0.258	9	6418677155116
SABP081313T	75	125	125	110.5	0.284	9	6418677155178
SABP131308T	125	125	75	60.5	0.263	18	6418677155239
SABP131310T	125	125	100	85.5	0.337	12	6418677155291
SABP131313T	125	125	125	110.5	0.378	18	6418677155352
SABP131808T	125	175	75	60.5	0.342	25	6418677155413
SABP131810T	125	175	100	85.5	0.426	19	6418677155475
SABP131813T	125	175	125	110.5	0.491	14	6418677155536
SABP131815T	125	175	150	135.5	0.564	6	6418677155598
SABP181808T	175	175	75	60.5	0.412	7	6418677155659
SABP181810T	175	175	100	85.5	0.524	6	6418677155710
SABP181813T	175	175	125	110.5	0.591	5	6418677155772
SABP181815T	175	175	150	135.5	0.668	4	6418677155833
SABP182508T	175	250	75	60.5	0.586	12	6418677155895
SABP182510T	175	250	100	85.5	0.698	12	6418677155956
SABP182515T	175	250	150	135.5	0.902	6	6418677156014

Mounting plate, galvanized steel



SMP0813	48	98	1.5	-	0.050	10	6418677156038
SMP1313	98	98	1.5	-	0.106	10	6418677156045
SMP1318	98	148	1.5	-	0.160	10	6418677156052
SMP1818	148	148	1.5	-	0.247	10	6418677156069
SMP1825	148	223	1.5	-	0.367	10	6418677156076

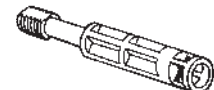
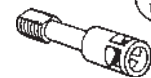
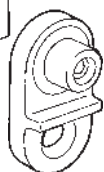
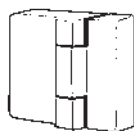
Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

DIN rails, W = 35 mm, DIN 46277/3, galvanized steel



DR35040.4	35	50	7.3	-	0.015	10	6418677156090
DR35090.4	35	100	7.3	-	0.032	10	6418677156106
DR35140.4	35	150	7.3	-	0.049	10	6418677156113
DR35215.4	35	225	7.3	-	0.073	10	6418677156120

Other accessories



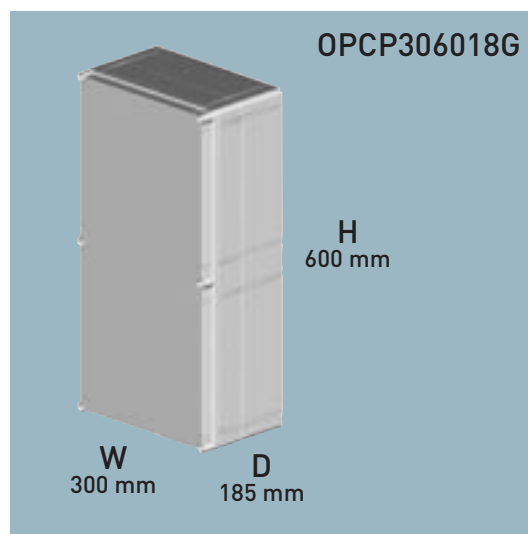
DSHI1	Hinge, pair	28 x 28 x 10	-	0.027	1	6418677156144
SFL1	Fastening lug, set of 4 pcs	15 x 30	-	0.011	1	6418677156151
SBI1	Insert for pods, brass	M2	-	0.001	50	6418677156168
SBIA1.04	Insert, set of 4 pcs	M2	-	0.004	1	6418677156830
SMS1	Mounting screw for plates and rails	4 x 8	-	0.001	100	6418677156175
SCP08	Cover plug, short.					
	For 25 mm cover (PE)	Ø 11 x 12 mm	-	0.001	10	6418677156847
SCP10	Cover plug, long.					
	For 50 mm cover (PE)	Ø 12 x 36 1/2 mm	-	0.002	10	6418677156854
SCP1315	Cover plug, short.					
	For 75 and 100 mm covers "O" (PE)	Ø 11 1/2 x 12 mm	-	0.001	10	6418677156861
SLS35	Cover screw, short	11 x 35	-	0.0018	100	6418677156182
SLS60	Cover screw, long. For 50 mm covers	11 x 60	-	0.0034	50	6418677156199
SLSA35.04	SLS35 x 4 + SMS1 x 4	11 x 35	-	0.012	10	6418677154980
SLSA60.04	SLS60 x 4 + SMS1 x 4	11 x 60	-	0.018	10	6418677154997
SLW1	Cover screw, wing head part	11 x 17	-	0.007	10	6418677154867

Ensto Cubo O, Medium Size to Large General Purpose Enclosures IP 66/67

The Ensto Cubo O general purpose enclosures are made of polycarbonate. The sides are plain. Three sizes are also available with pre-pressed metric knock-outs. Material alternative for enclosures with plain sides is ABS. Standard colour grey RAL 7035, cover grey or transparent. The transparent cover always comes in polycarbonate.

All dimensions follow 100 mm modules; the smallest 200 x 200 mm and the largest 400 x 600 mm, depth 130 or 185 mm. All sizes have a 55 mm deep extension frame for alternative depths.

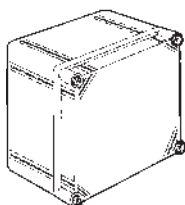
Special features of the series are the possibility to mount the cover onto the back of the base and adjustable elevators for the base corner slots allowing mounting of plates and panels at any height.



PG 5253

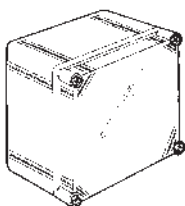
Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Polycarbonate, plain base, grey cover, 130 mm deep



OPCP202013G	200	200	132	115.0	1.039	1	6418677184413
OPCP203013G	200	300	132	115.0	1.349	1	6418677184420
OPCP204013G	200	400	132	115.0	1.674	1	6418677184437
OPCP303013G	300	300	132	115.0	1.738	1	6418677184444
OPCP304013G	300	400	132	115.0	2.199	1	6418677184451
OPCP306013G	300	600	132	115.0	3.000	1	6418677184468
OPCP406013G	400	600	132	115.0	3.964	1	6418677184475

Polycarbonate, plain base, transparent cover, 130 mm deep



OPCP202013T	200	200	132	115.0	1.039	1	6418677184345
OPCP203013T	200	300	132	115.0	1.349	1	6418677184352
OPCP204013T	200	400	132	115.0	1.674	1	6418677184369
OPCP303013T	300	300	132	115.0	1.738	1	6418677184376
OPCP304013T	300	400	132	115.0	2.199	1	6418677184383
OPCP306013T	300	600	132	115.0	3.000	1	6418677184390
OPCP406013T	400	600	132	115.0	3.964	1	6418677184406

Polycarbonate, plain base, grey cover, 185 mm deep, incl. extension frame



OPCP202018G	200	200	185	170.0	1.367	1	6418677184628
OPCP203018G	200	300	185	170.0	1.733	1	6418677184635
OPCP204018G	200	400	185	170.0	2.131	1	6418677184642
OPCP303018G	300	300	185	170.0	2.188	1	6418677184659
OPCP304018G	300	400	185	170.0	2.703	1	6418677184666
OPCP306018G	300	600	185	170.0	3.703	1	6418677184673
OPCP406018G	400	600	185	170.0	4.730	1	6418677184680

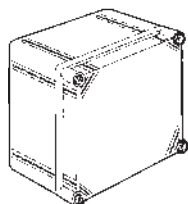
Polycarbonate, plain base, transparent cover, 185 mm deep, incl. extension frame



OPCP202018T	200	200	185	170.0	1.367	1	6418677184697
OPCP203018T	200	300	185	170.0	1.733	1	6418677184703
OPCP204018T	200	400	185	170.0	2.131	1	6418677184710
OPCP303018T	300	300	185	170.0	2.188	1	6418677184727
OPCP304018T	300	400	185	170.0	2.703	1	6418677184734
OPCP306018T	300	600	185	170.0	3.703	1	6418677184741
OPCP406018T	400	600	185	170.0	4.730	1	6418677184758

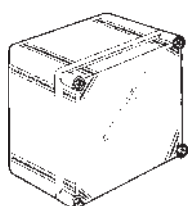
Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

ABS, plain base, grey cover, 130 mm deep



OABP202013G		200	200	132	115.0	0.894	1	6418677184550
OABP203013G		200	300	132	115.0	1.176	1	6418677184567
OABP204013G		200	400	132	115.0	1.467	1	6418677184574
OABP303013G		300	300	132	115.0	1.510	1	6418677184581
OABP304013G		300	400	132	115.0	1.950	1	6418677184598
OABP306013G		300	600	132	115.0	2.696	1	6418677184604
OABP406013G		400	600	132	115.0	3.484	1	6418677184611

ABS, plain base, transparent cover, 130 mm deep



OABP202013T		200	200	132	115.0	0.926	1	6418677184482
OABP203013T		200	300	132	115.0	1.218	1	6418677184499
OABP204013T		200	400	132	115.0	1.512	1	6418677184505
OABP303013T		300	300	132	115.0	1.568	1	6418677184512
OABP304013T		300	400	132	115.0	2.003	1	6418677184529
OABP306013T		300	600	132	115.0	2.765	1	6418677184536
OABP406013T		400	600	132	115.0	3.567	1	6418677184543

ABS, plain base, grey cover, 185 mm deep, incl. extension frame



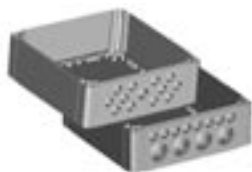
OABP202018G		200	200	185	170.0	1.222	1	6418677184765
OABP203018G		200	300	185	170.0	1.560	1	6418677184772
OABP204018G		200	400	185	170.0	1.924	1	6418677184789
OABP303018G		300	300	185	170.0	1.960	1	6418677184796
OABP304018G		300	400	185	170.0	2.454	1	6418677184802
OABP306018G		300	600	185	170.0	3.399	1	6418677184819
OABP406018G		400	600	185	170.0	4.250	1	6418677184826

ABS, plain base, transparent cover, 185 mm deep, incl. extension frame



OABP202018T		200	200	185	170.0	1.254	1	6418677184833
OABP203018T		200	300	185	170.0	1.602	1	6418677184840
OABP204018T		200	400	185	170.0	1.969	1	6418677184857
OABP303018T		300	300	185	170.0	2.018	1	6418677184864
OABP304018T		300	400	185	170.0	2.507	1	6418677184871
OABP306018T		300	600	185	170.0	3.468	1	6418677184888
OABP406018T		400	600	185	170.0	4.333	1	6418677184895

Polycarbonate with metric knock-outs, 130 mm deep, grey cover



OPCM303013G	Knock-outs: 12 x M20 + 1 x M16/25 8 x M20 + 4 x M25/40	300	300	132	115.0	1.738	1	6418677157899
OPCM304013G	Knock-outs: 8 x M12/20 + 5 x M16/25 12 x M12/20 + 1 x M32/40	300	400	132	115.0	2.199	1	6418677157905
OPCM306013G	Knock-outs: 8 x M12/20 + 5 x M16/25 12 x M12/20 + 1 x M32/40	300	600	132	115.0	3.000	1	6418677157912

Polycarbonate with metric knock-outs, 130 mm deep, transparent cover



OPCM303013T	Knock-outs: 12 x M20 + 1 x M16/25 8 x M20 + 4 x M25/40	300	300	132	115.0	1.738	1	6418677157929
OPCM304013T	Knock-outs: 8 x M12/20 + 5 x M16/25 12 x M12/20 + 1 x M32/40	300	400	132	115.0	2.199	1	6418677157936
OPCM306013T	Knock-outs: 8 x M12/20 + 5 x M16/25 12 x M12/20 + 1 x M32/40	300	600	132	115.0	3.000	1	6418677157943

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

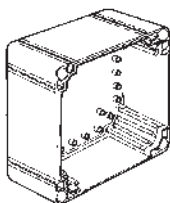
Polycarbonate, 185 mm deep, metric knock-outs. incl. extension frame, grey cover

OPCM303018G	Knock-outs: 12 x M20 + 1 x M16/25 8 x M20 + 4 x M25/40	300	300	185	170.0	2.188	1	6418677157950
OPCM304018G	Knock-outs: 8 x M12/20 + 5 x M16/25 12 x M12/20 + 1 x M32/40	300	400	185	170.0	2.703	1	6418677157967
OPCM306018G	Knock-outs: 8 x M12/20 + 5 x M16/25 12 x M12/20 + 1 x M32/40	300	600	185	170.0	3.703	1	6418677157974

Polycarbonate, 185 mm deep, metric knock-outs. incl. extension frame, transparent cover

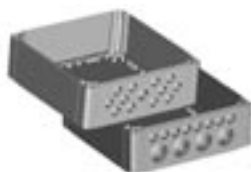
OPCM303018T	Knock-outs: 12 x M20 + 1 x M16/25 8 x M20 + 4 x M25/40	300	300	185	170.0	2.188	1	6418677157981
OPCM304018T	Knock-outs: 8 x M12/20 + 5 x M16/25 12 x M12/20 + 1 x M32/40	300	400	185	170.0	2.703	1	6418677157998
OPCM306018T	Knock-outs: 8 x M12/20 + 5 x M16/25 12 x M12/20 + 1 x M32/40	300	600	185	170.0	3.703	1	6418677158001

Bases incl. mounting screws, polycarbonate, plain sides



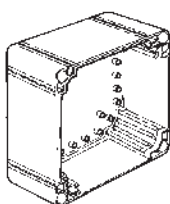
OPCP202010B		200	200	102	85	0.7530	18	6418677164248
OPCP203010B		200	300	102	85	1.0110	12	6418677164255
OPCP204010B		200	400	102	85	1.1810	9	6418677164262
OPCP303010B		300	300	102	85	1.2600	8	6418677164279
OPCP304010B		300	400	102	85	1.5270	6	6418677164286
OPCP306010B		300	600	102	85	2.0400	4	6418677164293
OPCP406010B		400	600	102	85	2.6670	3	6418677164309

Bases incl. mounting screws, polycarbonate, metric knock-outs



OPCM303010B	Knock-outs: 12 x M20 + 1 x M16/25 8 x M20 + 4 x M25/40	300	300	102	85	1.2600	8	6418677182600
OPCM304010B	Knock-outs: 8 x M12/20 + 5 x M16/25 12 x M12/20 + 1 x M32/40	300	400	102	85	1.5270	6	6418677182617
OPCM306010B	Knock-outs: 8 x M12/20 + 5 x M16/25 12 x M12/20 + 1 x M32/40	300	600	102	85	2.0400	4	6418677182624

Bases incl. mounting screws, ABS, plain sides



OABP202010B		200	200	102	85	0.6400	18	6418677164316
OABP203010B		200	300	102	85	0.8800	12	6418677164323
OABP204010B		200	400	102	85	1.0190	9	6418677164330
OABP303010B		300	300	102	85	1.0900	8	6418677164347
OABP304010B		300	400	102	85	1.3310	6	6418677164354
OABP306010B		300	600	102	85	1.8050	4	6418677164361
OABP406010B		400	600	102	85	2.2700	3	6418677164378

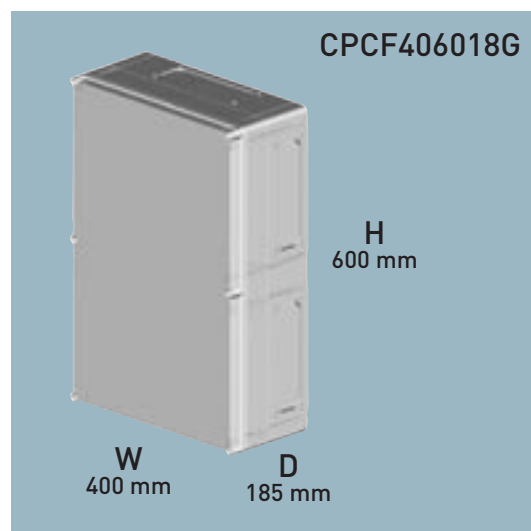
See accessories page 20.

Ensto Cubo C, Medium Size to Large General Purpose Enclosures IP 66/67

The Ensto Cubo C general purpose enclosures are made of polycarbonate. The bases have flange knock-outs according to SFS standard for flanges. Standard colour grey RAL 7035, cover grey or transparent.

All dimensions follow 100 mm modules; the smallest 200 x 200 mm and the largest 400 x 600 mm, depth 130 or 185 mm. All sizes have a 55 mm deep extension frame for alternative depths.

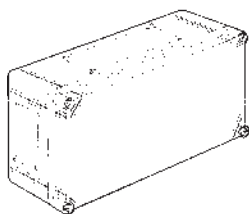
Special features are adjustable elevators for the base corner slots allowing mounting of plates and panels at any height. The bases can easily be assembled to larger units. See also the Ensto Cubo P panel building system.



PG 5253

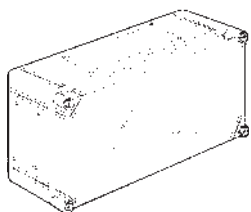
Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

130 mm deep, grey cover



CPCF202013G	4 x size F1 openings	200	200	132	115.0	1.0390	1	6418677172120
CPCF203013G	2 x F1 + 2 x size F2 openings	200	300	132	115.0	1.3490	1	6418677172137
CPCF204013G	2 x F1 + 2 x size F2 openings	200	400	132	115.0	1.6740	1	6418677172144
CPCF303013G	4 x size F2 openings	300	300	132	115.0	1.7380	1	6418677172151
CPCF304013G	4 x size F2 openings	300	400	132	115.0	2.1990	1	6418677172168
CPCF306013G	6 x size F2 openings	300	600	132	115.0	3.0000	1	6418677172175
CPCF406013G	6 x size F2 openings	400	600	132	115.0	3.9640	1	6418677172182

130 mm deep, transparent cover



CPCF202013T	4 x size F1 openings	200	200	132	115.0	1.0390	1	6418677172199
CPCF203013T	2 x F1 + 2 x size F2 openings	200	300	132	115.0	1.3490	1	6418677172205
CPCF204013T	2 x F1 + 2 x size F2 openings	200	400	132	115.0	1.6740	1	6418677172212
CPCF303013T	4 x size F2 openings	300	300	132	115.0	1.7380	1	6418677172229
CPCF304013T	4 x size F2 openings	300	400	132	115.0	2.1990	1	6418677172236
CPCF306013T	6 x size F2 openings	300	600	132	115.0	3.0000	1	6418677172243
CPCF406013T	6 x size F2 openings	400	600	132	115.0	3.9640	1	6418677172250

185 mm deep, grey cover, incl. extension frame



CPCF202018G	4 x size F1 openings	200	200	185	170.0	1.3670	1	6418677182167
CPCF203018G	2 x F1 + 2 x size F2 openings	200	300	185	170.0	1.7330	1	6418677182174
CPCF204018G	2 x F1 + 2 x size F2 openings	200	400	185	170.0	2.1310	1	6418677182181
CPCF303018G	4 x size F2 openings	300	300	185	170.0	2.1880	1	6418677182198
CPCF304018G	4 x size F2 openings	300	400	185	170.0	2.7030	1	6418677182204
CPCF306018G	6 x size F2 openings	300	600	185	170.0	3.7030	1	6418677182211
CPCF406018G	6 x size F2 openings	400	600	185	170.0	4.7300	1	6418677182228

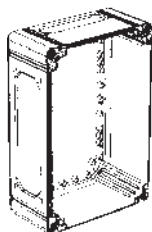
185 mm deep, transparent cover, incl. extension frame



CPCF202018T	4 x size F1 openings	200	200	185	170.0	1.3670	1	6418677182235
CPCF203018T	2 x F1 + 2 x size F2 openings	200	300	185	170.0	1.7330	1	6418677182242
CPCF204018T	2 x F1 + 2 x size F2 openings	200	400	185	170.0	2.1310	1	6418677182259
CPCF303018T	4 x size F2 openings	300	300	185	170.0	2.1880	1	6418677182266
CPCF304018T	4 x size F2 openings	300	400	185	170.0	2.7030	1	6418677182273
CPCF306018T	6 x size F2 openings	300	600	185	170.0	3.7030	1	6418677182280
CPCF406018T	6 x size F2 openings	400	600	185	170.0	4.7300	1	6418677182297

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Bases incl. mounting screws, polycarbonate, flange knock-outs in the base



CPCF202010B	4 x size F1 openings	200	200	102	85	0.7530	18	6418677171697
CPCF203010B	2 x F1 + 2 x size F2 openings	200	300	102	85	1.0110	12	6418677171703
CPCF204010B	2 x F1 + 2 x size F2 openings	200	400	102	85	1.1810	9	6418677171710
CPCF303010B	4 x size F2 openings	300	300	102	85	1.2600	8	6418677171727
CPCF304010B	4 x size F2 openings	300	400	102	85	1.5270	6	6418677171734
CPCF306010B	6 x size F2 openings	300	600	102	85	2.0400	4	6418677171741
CPCF406010B	6 x size F2 openings	400	600	102	85	2.6670	3	6418677171758

Common accessories for Cubo C and O

Polycarbonate cover, grey, incl. gasket



OPCG202003L	200	200	30	0.2680	18	6418677164453
OPCG203003L	200	300	30	0.3200	12	6418677164460
OPCG204003L	200	400	30	0.4750	9	6418677164477
OPCG303003L	300	300	30	0.4600	6	6418677164484
OPCG304003L	300	400	30	0.6020	6	6418677164491
OPCG306003L	300	600	30	0.9300	12	6418677164507
OPCG406003L	400	600	30	1.2670	9	6418677164514

Polycarbonate cover, transparent, incl. gasket



OPCT202003L	200	200	30	0.2680	18	6418677164385
OPCT203003L	200	300	30	0.3200	12	6418677164392
OPCT204003L	200	400	30	0.4750	9	6418677164408
OPCT303003L	300	300	30	0.4600	6	6418677164415
OPCT304003L	300	400	30	0.6020	6	6418677164422
OPCT306003L	300	600	30	0.9300	12	6418677164439
OPCT406003L	400	600	30	1.2670	9	6418677164446

ABS cover, grey, incl. gasket



OABG202003L	200	200	30	0.2360	18	6418677164521
OABG203003L	200	300	30	0.2780	12	6418677164538
OABG204003L	200	400	30	0.4300	9	6418677164545
OABG303003L	300	300	30	0.4020	6	6418677164552
OABG304003L	300	400	30	0.6010	6	6418677164569
OABG306003L	300	600	30	0.8610	12	6418677164576
OABG406003L	400	600	30	1.1840	9	6418677164583

Cover with window for kWh-meter

OPCG36KWH	Incl. cover screws and inspection window 113 x 153 mm	300	600	35	0.9200	12	6418677174186
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Modular covers, smoke grey window IP 65, PC



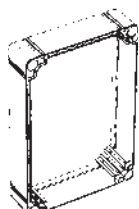
OPCG33CS	Closed front	300	300	30	0.889	1	6418677172922
OPCG34CS	Closed front	300	400	30	1.235	1	6418677172939
OPCG36CS	Closed front	300	600	30	1.760	1	6418677172946
OPCG33.125.1DS	Front: 1 DIN slit for 12 modules (12)	300	300	30	0.824	1	6418677172953
OPCG34.125.2DS	Front: 2 DIN slits for 12 modules (24)	300	400	30	1.114	1	6418677172960
OPCG36.150.3DS	Front: 3 DIN slits for 12 modules (36)	300	600	30	1.620	1	6418677172977
OPCG33OS	Open front	300	300	30	0.725	1	6418677172984
OPCG34OS	Open front	300	400	30	0.954	1	6418677172991
OPCG36OS	Open front	300	600	30	1.360	1	6418677173004
KOT20228	Cover with window, 2 x 12 mod. incl. DIN rails	300	300	45	1.160	1	6418677163944

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Accessories for modular covers

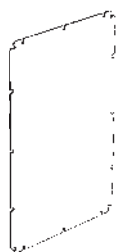
CP220	Cover strip for DS version/slits	50	220	10		0.024	10	6418677176661
PEM222	Marker for DS version	34	216	0.1		0.002	20	6418677176678
KY6	Lock (for all versions)	21	15	15		0.022	1	6418677173431

Extension frame, depth = 55 mm, PC, incl. mounting screws and gasket



OPCP202006E		200	200	55		0.304	8	6418677164606
OPCP203006E		200	300	55		0.360	6	6418677164613
OPCP204006E		200	400	55		0.433	4	6418677164620
OPCP303006E		300	300	55		0.450	3	6418677164637
OPCP304006E		300	400	55		0.480	3	6418677164644
OPCP306006E		300	600	55		0.667	6	6418677164651
OPCP406006E		400	600	55		0.766	5	6418677164668

Mounting plate, galvanizing steel



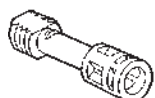
OMP2020		160	160	1.5		0.285	10	6418677164675
OMP2030		160	260	1.5		0.467	10	6418677164682
OMP2040		160	360	1.5		0.760	10	6418677164699
OMP3030		260	260	1.5		0.760	10	6418677164705
OMP3040		260	360	1.5		1.058	5	6418677164712
KWHP3040	For kWh meter	260	360	1.5		1.010	5	6418677173110
OMP3060		260	560	1.5		1.470	5	6418677164729
KWHP3060	For kWh meter	260	560	1.5		1.440	5	6418677173097
OMP4060		360	560	1.5		2.300	5	6418677164736
KWHP4060	For kWh meter	360	560	1.5		2.237	5	6418677173127

DIN rail, W = 35 mm, DIN 46277/3

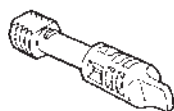


DR35150.5	For 200 mm side	35 x 160		0.051	10	6418677164743
DR35240.5	For 600 mm side/middle with front panel	35 x 150		0.008	10	6418677176647
DR35250.5	For 300 mm side	35 x 260		0.083	10	6418677164750
DR35340.5	For 600 mm side/middle with front panel	35 x 350		0.110	10	6418677176654
DR35350.5	For 400 mm side	35 x 360		0.115	10	6418677164767

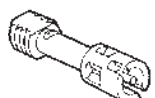
Cover screws



OLS



OLW



OLT

OLS42	Slotted/cross head, sealable	14 x 42		0.003	100	6418677164590
OLSA42.4	4 x OLS42	"		0.013	1	6418677174704
OLSA42.6	6 x OLS42	"		0.019	1	6418677174711
OLSA42.04	4 x OLS42 + 4 x OMS1	"		0.015	10	6418677172267
OLSA42.06	6 x OLS42 + 8 x OMS1	"		0.025	10	6418677172274
OLS42N	Slotted/cross head, dark grey Noryl	"		0.003	12	6418677174728
OLS32	Slotted/cross head for 600 mm mod.cover	14 x 32		0.003	12	6418677174360
PLS63	Springloaded, slotted/cross head	14 x 62		0.008	12	6418677173073
OLSH1	Hinged cover screw, slot/cross head, Blue PA	14 x 96		0.007	10	6418677174247
OLWH1	Hinged cover screw, wing head, Blue PA	14 x 113		0.009	10	6418677174254
OLW55	Wing head	14 x 55		0.005	100	6418677171765
OLWA55.4	4 x OLW55	"		0.012	1	6418677174735
OLWA55.6	6 x OLW55	"		0.029	1	6418677174742
OLWA55.04	4 x OLW55 + 4 x OMS1	"		0.017	1	6418677172281
OLWA55.06	6 x OLW55 + 8 x OMS1	"		0.026	1	6418677174759
OLT42	DIN 3 head	14 x 42		0.004	12	6418677171772
OLTA42.4	4 x OLT42	"		0.012	1	6418677174766
OLTA42.6	6 x OLT42	"		0.024	1	6418677174773
OLTA42.04	4 x OLT42 + 4 x OMS1	"		0.016	1	6418677172298
OLTA42.06	6 x OLT42 + 8 x OMS1	"		0.015	1	6418677174780
OLTA42.041	1 x OLTA42.04 + key	"		0.065	1	6418677174797
OLT42KEY	Key for DIN head screw OLT42	50 x 50		0.042	10	6418677172410

Ordering number	Description	Dimensions			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

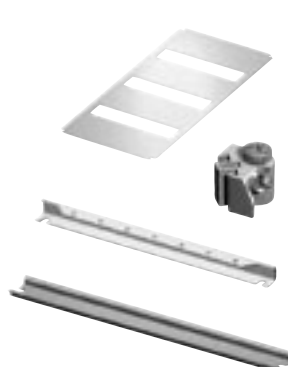
Complete front panels, PP RAL 7035 A = DIN rail spacing: 125 mm B = DIN rail spacing: 150 mm

With 14.5 mm high profile



OFP22A114	1 DIN opening for 6 modules	186	186	2		0.241	1	6418677183294
OFP32A114	1 DIN opening for 12 modules	186	286	2		0.296	1	6418677183300
OFP42A114	1 DIN opening for 17 modules	186	386	2		0.359	1	6418677183317
OFP33A114	1 DIN opening for 12 modules	286	286	2		0.456	1	6418677183324
OFP43A114	1 DIN opening for 17 modules	286	386	2		0.534	1	6418677183331
OFP23A214	2 DIN openings for 6 modules	186	286	2		0.419	1	6418677183348
OFP24A214	2 DIN openings for 6 modules	186	386	2		0.554	1	6418677183355
OFP33A214	2 DIN openings for 12 modules	286	286	2		0.519	1	6418677183362
OFP34A214	2 DIN openings for 12 modules	286	386	2		0.673	1	6418677183379
OFP43A214	2 DIN openings for 17 modules	286	386	2		0.621	1	6418677183386
OFP24A314	3 DIN openings for 6 modules	186	286	2		0.597	1	6418677183393
OFP34A314	3 DIN openings for 12 modules	286	386	2		0.739	1	6418677183409
OFP36A414	4 DIN openings for 12 modules	286	586	2		1.051	1	6418677183416
OFP46A414	4 DIN openings for 17 modules	386	586	2		1.259	1	6418677183423
OFP36B314	3 DIN openings for 12 modules	286	586	2		1.062	1	6418677183430
OFP46B314	3 DIN openings for 17 modules	386	586	2		1.241	1	6418677183447

With 32.5 mm high profile



OFP22A132	1 DIN opening for 6 modules	186	186	2		0.290	1	6418677183454
OFP32A132	1 DIN opening for 12 modules	186	286	2		0.348	1	6418677183461
OFP42A132	1 DIN opening for 17 modules	186	386	2		0.408	1	6418677183478
OFP33A132	1 DIN opening for 12 modules	286	286	2		0.548	1	6418677183485
OFP43A132	1 DIN opening for 17 modules	286	386	2		0.626	1	6418677183492
OFP23A232	2 DIN openings for 6 modules	186	286	2		0.511	1	6418677183508
OFP24A232	2 DIN openings for 6 modules	186	386	2		0.689	1	6418677183515
OFP33A232	2 DIN openings for 12 modules	286	286	2		0.611	1	6418677183522
OFP34A232	2 DIN openings for 12 modules	286	386	2		0.808	1	6418677183539
OFP43A232	2 DIN openings for 17 modules	286	386	2		0.713	1	6418677183546
OFP24A332	3 DIN openings for 6 modules	186	286	2		0.732	1	6418677183553
OFP34A332	3 DIN openings for 12 modules	286	386	2		0.874	1	6418677183560
OFP36A432	4 DIN openings for 12 modules	286	586	2		1.243	1	6418677183577
OFP46A432	4 DIN openings for 17 modules	386	586	2		1.451	1	6418677183584
OFP36B332	3 DIN openings for 12 modules	286	586	2		1.279	1	6418677183591
OFP46B332	3 DIN openings for 17 modules	386	586	2		1.458	1	6418677183607

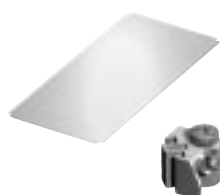
Front panels separate, PP RAL 7035, incl. corner elevator set



OFP22	Closed	186	186	2		0.094	1	6418677182754
OFP23	Closed	186	286	2		0.130	1	6418677182761
OFP24	Closed	186	386	2		0.165	1	6418677182778
OFP33	Closed	286	286	2		0.184	1	6418677182785
OFP34	Closed	286	386	2		0.240	1	6418677182792
OFP36	Closed	286	586	2		0.392	1	6418677182808
OFP46	Closed	386	586	2		0.505	1	6418677182815
OFP22.125.1	1 DIN opening for 6 modules	186	186	2		0.084	1	6418677182822
OFP32.125.1	1 DIN opening for 12 modules	186	286	2		0.110	1	6418677182839
OFP42.125.1	1 DIN opening for 17 modules	186	386	2		0.138	1	6418677182846
OFP33.125.1	1 DIN opening for 12 modules	286	286	2		0.166	1	6418677182853
OFP43.125.1	1 DIN opening for 17 modules	286	386	2		0.212	1	6418677182860
OFP23.125.2	2 DIN openings for 6 modules	186	286	2		0.110	1	6418677182877
OFP24.125.2	2 DIN openings for 6 modules	186	386	2		0.146	1	6418677182884
OFP33.125.2	2 DIN openings for 12 modules	286	286	2		0.146	1	6418677182891
OFP34.125.2	2 DIN openings for 12 modules	286	386	2		0.201	1	6418677182907
OFP43.125.2	2 DIN openings for 17 modules	286	386	2		0.184	1	6418677182914
OFP24.125.3	3 DIN openings for 6 modules	186	386	2		0.136	1	6418677182921
OFP34.125.3	3 DIN openings for 12 modules	286	386	2		0.182	1	6418677182938
OFP36.125.4	4 DIN openings for 12 modules	286	586	2		0.269	1	6418677182945
OFP46.125.4	4 DIN openings for 17 modules	386	586	2		0.349	1	6418677182952
OFP36.150.3	3 DIN openings for 12 modules	286	586	2		0.287	1	6418677182969
OFP46.150.3	3 DIN openings for 17 modules	386	586	2		0.377	1	6418677182976
PMR1387	Plug for front panel (Ø 6 mm hole)	20	26	9.5		0.0018	10	6418677166730

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs		EAN 13 code
		W	H	D					

Front panels, aluminium, incl. corner elevator set, closed



OFP22A		186	186	1.5		0.158	1		6418677182983
OFP23A		186	286	1.5		0.235	1		6418677182990
OFP24A		186	386	1.5		0.309	1		6418677183003
OFP33A		286	286	1.5		0.345	1		6418677183010
OFP34A		286	386	1.5		0.457	1		6418677183027
OFP36A		286	586	1.5		0.736	1		6418677183034
OFP46A		386	586	1.5		0.926	1		6418677183041

Profiles separately for DIN rails (FeZn)



PRE2.14	Pair, 14.5 mm high for 200 mm side	14	115	14		0.1060	1		6418677173172
PRE3.14	Pair, 14.5 mm high for 300 mm side	14	215	14		0.2070	1		6418677173134
PRE4.14	Pair, 14.5 mm high for 400 mm side	14	315	14		0.3060	1		6418677173141
PRE75.14	Pair, 14.5 mm high for 600 mm side/center	14	75	14		0.6400	1		6418677173158
PRE2.32	Pair, 32.5 mm high for 200 mm side	14	115	32		0.1550	1		6418677173189
PRE3.32	Pair, 32.5 mm high for 300 mm side	14	215	32		0.2990	1		6418677172687
PRE4.32	Pair, 32.5 mm high for 400 mm side	14	315	32		0.4320	1		6418677172694
PRE75.32	Pair, 32.5 mm high for 600 mm side/center	14	75	32		0.9700	1		6418677173165

Accessories for front panels

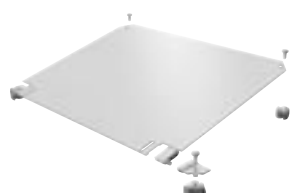
PLC3	Mounting screw for DIN rail --> profile	M5 x 6				0.001	100		6418677173196
PPH787	Support, with 14.5 mm profile	65 mm				0.014	10		6418677173554
PPH789	Support, with 32.5 mm profile	85 mm				0.017	10		6418677173561
PTK4.50	Spacer, 600 mm/middle	50 mm				0.021	10		6418677173578

Hinged front panels, PP RAL 7035, incl. corner elevator set



OHFP22	Hinged side: 200 mm	186	166	2		0.100	1		6418677183058
OHFP23	Hinged side: 200 mm	186	286	2		0.135	1		6418677183065
OHFP32	Hinged side: 300 mm	186	286	2		0.136	1		6418677183072
OHFP24	Hinged side: 200 mm	186	386	2		0.172	1		6418677183089
OHFP42	Hinged side: 400 mm	186	386	2		0.171	1		6418677183096
OHFP33	Hinged side: 300 mm	286	286	2		0.191	1		6418677183102
OHFP34	Hinged side: 300 mm	286	386	2		0.247	1		6418677183119
OHFP43	Hinged side: 400 mm	286	386	2		0.245	1		6418677183126
OHFP36	Hinged side: 300 mm	286	586	2		0.397	1		6418677183133
OHFP63	Hinged side: 600 mm	286	586	2		0.375	1		6418677183140
OHFP46	Hinged side: 400 mm	386	586	2		0.510	1		6418677183157
OHFP64	Hinged side: 600 mm	386	586	2		0.491	1		6418677183164

Hinged front panels, aluminium, incl. corner elevator set



OHFP22A	Hinged side: 200 mm	186	166	1.5		0.162	1		6418677183171
OHFP23A	Hinged side: 200 mm	186	286	1.5		0.239	1		6418677183188
OHFP32A	Hinged side: 300 mm	186	286	1.5		0.237	1		6418677183195
OHFP24A	Hinged side: 200 mm	186	386	1.5		0.304	1		6418677183201
OHFP42A	Hinged side: 400 mm	186	386	1.5		0.302	1		6418677183218
OHFP33A	Hinged side: 300 mm	286	286	1.5		0.348	1		6418677183225
OHFP34A	Hinged side: 300 mm	286	386	1.5		0.464	1		6418677183232
OHFP43A	Hinged side: 400 mm	286	386	1.5		0.451	1		6418677183249
OHFP36A	Hinged side: 300 mm	286	586	1.5		0.716	1		6418677183256
OHFP63A	Hinged side: 600 mm	286	586	1.5		0.714	1		6418677183263
OHFP46A	Hinged side: 400 mm	386	586	1.5		0.960	1		6418677183270
OHFP64A	Hinged side: 600 mm	386	586	1.5		0.942	1		6418677183287

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs		EAN 13 code
		W	H	D					

Other accessories

	OES1	Extension frame screw	Ø 17 x 67			0.006	12		6418677174803
	OH1	Hinge, pair incl. mounting instruction	40 x 50 x 16.5			0.050	1		6418677164774
	OHICP1	Hinge, pair incl. 2 cover plugs	40 x 50 x 16.5			0.052	1		6418677172304
	OFL1	Fastening lug, set of 4 pcs	19 x 40 x 35.5			0.026	1		6418677164781
	OEL1	Corner elevator incl. M5 bolt 19/19 x 14				0.008	10		6418677164798
	OELA1.04	Corner elevator, set of 4 pcs OEL1	20/26 x 14			0.033	1		6418677181696
	OTS1	Threaded bushing for cover screw when cover mounted on the back	18/30 Ø 16			0.0025	12		6418677171789
	OTSA1.04	4 x OTS1 + 4 x OLS42	17 x 30/18			0.022	1		6418677181702
	OMS1	Mounting screw for rails and plates	5 x 10			0.0015	100		6418677164804
	OBI1	Brass insert for mounting pod, Brass	M3			0.0005	50		6418677172328
	OBIA1.04	Brass insert, set of 4 pcs OBI1	M3			0.002	1		6418677172335
	OCP1	Cover plug, PE	11 x Ø 15/17			0.0006	12		6418677164811
	OKL1	Cover lock incl. 2 keys and mounting instruction	Ø 15.7/Ø 14.3			0.064	1		6418677172311
	OKL442	Key separately for OKL1	49 x 20			0.008	1		6418677174827
	OBS15	15 mm spacer incl. M5 screw, steel	15 x 8			0.008	12		6418677171802
	OBS15.04	15 mm spacer, set of 4 pcs OBS15	15 x 8			0.032	1		6418677172342
	OBS20	20 mm spacer incl. M5 screw, steel	20 x 8			0.0105	12		6418677171819
	OBS20.04	20 mm spacer, set of 4 pcs OBS20	20 x 8			0.042	1		6418677172359
	OBS30	30 mm spacer incl. M5 screw, steel	30 x 8			0.0145	12		6418677171826
	OBS30.04	30 mm spacer, set of 4 pcs OBS30	30 x 8			0.058	1		6418677172366
	OCS22.46	Customizing template for Cubo C and O covers (5 mm raster)	300 x 400 x 6				5		6418677184338

Flanges and accessories for Cubo C

Cover plates

	F1151	F1 size excl. gasket, PC/ABS	48	137	5	0.041	1		6418677171833
	F2251	F2 size incl. PUR gasket, PC	86	216	8	0.092	1		6418677171949

Gland flange, F1 size, excl. gasket, PC/ABS

	F1152	3 x Pg16	48	137	5	0.039	1		6418677171840
	F1153	3 x Pg21	48	137	5	0.039	1		6418677171857
	F1154	1 x Pg29	48	137	5	0.043	1		6418677171864
	F1165	3 x M20	48	137	5	0.041	1		6418677152641
	F1166	3 x M25	48	137	5	0.040	1		6418677152658
	F1167	1 x M32	48	137	5	0.045	1		6418677152665

Gland flange, F2 size, incl. PUR gasket

	F2157	3 x Pg21 + 4 x Pg16, PC	86	216	8	0.073	1		6418677171956
	F2158	2 x Pg29 + 6 x Pg16, PC	86	216	8	0.074	1		6418677171963
	F2159	2 x Pg36 + 4 x Pg16, PC	86	216	8	0.074	1		6418677171970
	F2160	8 x Pg16, PC	86	216	8	0.073	1		6418677171987
	F2161	10 x Pg11, PC	86	216	8	0.076	1		6418677171994
	F2168	4 x M20 + 1 x M25 + 2 x M32, PC	86	216	8	0.073	1		6418677152672
	F2169	6 x M20 + 1 x M32 + 1 x M40, PC	86	216	8	0.072	1		6418677152689
	F2170	4 x M20 + 2 x M40, PC	86	216	8	0.072	1		6418677152696
	F2171	8 x M20, PC	86	216	8	0.070	1		6418677152702
	F2172	10 x M16, PC	86	216	8	0.072	1		6418677152719

Knock-out flange, F2 size, incl. PUR gasket

	F2252	7 x Pk11 + 7 x Pk9/16, PC	86	216	8	0.083	1		6418677172113
	F2253	2 x Pk21/29/36 + 2 x Pk9/16 + 1 x Pk11, PC	86	216	8	0.088	1		6418677172397
	F2254	5 x Pk16/21 + 2 x Pk11, PC	86	216	8	0.085	1		6418677172403
	F2255	7 x M16 + 7 x M12/20	86	216	8	0.083	1		6418677172595
	F2256	2 x M20/32/50 + 2 x M12/20 + 2 x M16	86	216	8	0.088	1		6418677172625
	F2257	5 x M20/32 + 2 x M16 + 1 x M12/20	86	216	8	0.085	1		6418677172700

Membrane flange, F1 size

	F1201	For 5 x Ø 7—30 mm cables, EPDM	48	138	20	0.083	1		6418677171871
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Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Membrane flange, F2 size



F2202	For 25 x Ø 5-26 mm cables, EPDM	84	216	24		0.250	1	6418677172007
F2203	For 35 x Ø 5-26 mm cables, EPDM	84	216	24		0.265	1	6418677172014
F2204	For 3 x Ø 24-60 mm cables, EPDM	84	216	24		0.228	1	6418677172021

Membrane flange, F1 size, excl. gasket



F1155	3 x Ø 21 + 4 x Ø 15 mm, TPE	47	135	19		0.038	1	6418677171888
F1156	4 x Ø 16 + 6 x Ø 13 mm, TPE	47	135	19		0.048	1	6418677171895

Membrane flange, F2 size, excl. gasket



F2162	3 x Ø 30 + 6 x Ø 18 + 16 x Ø 14 mm, TPE	87	226	23		0.177	1	6418677172038
F2163	9 x Ø 18 + 24 x Ø 14 mm, TPE	87	226	23		0.194	1	6418677172045

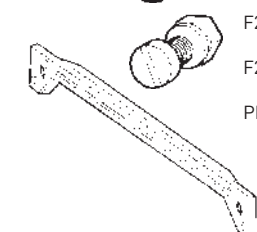
Cable spreader, size F2, set

F2CE.1	For 1 cable, Ø 27-66 mm	86	216	68		0.330	1	6418677181672
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Other flange accessories, F1 and F2 sizes



F2C50E	50 mm extension frame for F2 flange, PC	216 x 86 x 50				0.493	1	6418677173448
F1G	Self-adhesive flange gasket, F1 size	137 x 48				0.002	1	6418677171925
F2G	Self-adhesive flange gasket, F2 size	216 x 84				0.004	1	6418677172076
F1SS20	Flange bolt set, F1 size. Steel bolt with plastic head	M6 x 20				0.071	1	6418677173066
F2SS20	Flange bolt set, F2 size. Steel bolt with plastic head + M8 nut	M8 x 20				0.068	1	6418677181689
F2SS20L	Flange bolt set, F2 size. Steel bolt with plastic head + steel connector	M8 x 20				0.083	1	6418677173080
PMR1857	Flange/base support for size F2, PA (Cubo C)	216 x 22				0.020	1	6418677172106



Busbar supports, set 630 A



KGH1.10	For bars 10 mm x 10, 12, 20 or 30 mm	78	266	18		0.205	1	6418677172373
KGH1.05	For bars 5 mm x 10, 12, 15 or 20 mm	78	266	18		0.205	1	6418677172380

Strain relief, galvanized steel



KJ8.13	300 mm side/for 1 cable	65	265	85		0.463	1	6418677172755
KJ8.23	300 mm side/for 2 cables	65	265	85		0.602	1	6418677173271
KJ8.14	400 mm side/for 1 cable	65	365	85		0.615	1	6418677173288
KJ8.24	400 mm side/for 2 cables	65	365	85		0.754	1	6418677173295

Terminals for Al/Cu busbars



KG81	25-70 mm² cable	10 mm² Al/Cu				0.077	1	6418677163739
KG83	16-185 mm² cable	10 mm² Al/Cu				0.210	1	6418677163746
KG85	2 x 35 + 3 x 16 mm² cable	10 mm² Al/Cu				0.154	1	6418677163753
KG87	4 x 35 + 4 x 16 mm² cable	10 mm² Al/Cu				0.214	1	6418677163760
KG80	25-70 mm² cable	5 mm² Al/Cu				0.054	1	6418677163852
KG82	6-70 mm² cable	5 mm² Al/Cu				0.074	1	6418677163869
KG84	3 x 16 mm² cable	5 mm² Al/Cu				0.083	1	6418677163876
KG86	6 x 16 mm² cable	5 mm² Al/Cu				0.125	1	6418677163883

Ensto Cubo P, Panel Building System

(DIN EN60439)

IP 65

Ensto Cubo P is an open construction in the assembly stage. The base part is totally open in four directions enabling a fast and efficient mounting.

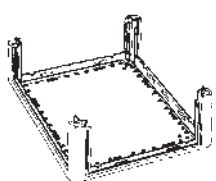
Ensto Cubo P is made of polycarbonate; standard colour grey RAL 7035.

The panel parts are presented as logical entities in the Buyers Guide, in the same order as in the catalogue Ensto Cubo Panel building system.

PG 5253

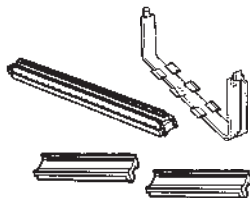
Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Cubo P bases, incl. mounting screws, polycarbonate



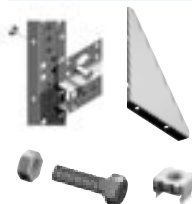
PPCF303010B4	4 plate opening	300	300	102	85	0.7050	8	6418677166228
PPCF304010B4	4 plate opening	300	400	102	85	0.9110	6	6418677166242
PPCF306010B6	6 plate openings	300	600	102	85	1.3080	4	6418677166266
PPCF406010B6	6 plate openings	400	600	102	85	1.5460	3	6418677166303

Assembly device for Cubo P bases



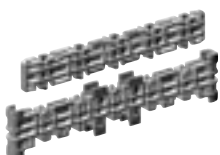
PCSC3	For 300 mm side, set	90	251	36		0.1200	1	6418677172571
PCSD4	For 400 mm side, set	90	351	36		0.1580	1	6418677172588
PRC1846	Connecting rib, 300 mm	16	251	30		0.0610	25	6418677172601
PRD1847	Connecting rib, 400 mm	16	351	30		0.0870	25	6418677172618
PCC1843	Connecting rib, 300 mm	90	251	36		0.0420	25	6418677172632
PCD1844	Connecting collar, 400 mm	90	351	36		0.0540	25	6418677172649
PBLP1849	Red locking pin	90	15	10		0.0080	50	6418677172670

Panel support accessories for Cubo P



PVR1.1	Support rail, U profile	78 x 25 x 2300						6418677184277
PSF1.1	Support foot, set	Δ 340 mm W 40mm				1.600		6418677184284
PBB1	Bolts and cage nuts for mounting bases to support rail, set of 4 pcs	M6 x 40				0.055	10	6418677173424
PBB2	Bolts for profile assembly, set of 4 pcs	M8 x 16						6418677184291

Busbar supports, set 630 A



KGH1.10	For bars 10 mm x 10, 12, 20 or 30 mm	78	266	18		0.205	1	6418677172373
KGH1.05	For bars 5 mm x 10, 12, 15 or 20 mm	78	266	18		0.205	1	6418677172380

Terminals for Al/Cu busbars

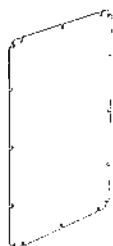
For busbar



KG81	For 25-70 mm ² cable	10 mm Al/Cu			0.077	1	6418677163739
KG83	For 16-185 mm ² cable	10 mm Al/Cu			0.210	1	6418677163746
KG85	For 2 x 35 + 3 x 16 mm ² cable	10 mm Al/Cu			0.154	1	6418677163753
KG87	For 4 x 35 + 4 x 16 mm ² cable	10 mm Al/Cu			0.214	1	6418677163760
KG80	For 25-70 mm ² cable	5 mm Al/Cu			0.054	1	6418677163852
KG82	For 6-70 mm ² cable	5 mm Al/Cu			0.074	1	6418677163869
KG84	For 3 x 16 mm ² cable	5 mm Al/Cu			0.083	1	6418677163876
KG86	For 6 x 16 mm ² cable	5 mm Al/Cu			0.125	1	6418677163883

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Mounting plate, galvanized steel



OMP3030		260	260	1.5		0.760	10	6418677164705
OMP3040		260	360	1.5		1.058	5	6418677164712
KWHP3040	For kWh meter	260	360	1.5		1.010	5	6418677173110
OMP3060		260	560	1.5		1.470	5	6418677164729
KWHP3060	For kWh meter	260	560	1.5		1.440	5	6418677173097
OMP4060		360	560	1.5		2.300	5	6418677164736
KWHP4060	For kWh meter	360	560	1.5		2.237	5	6418677173127

Profiles separately for DIN rails, galvanized steel



PRE2.14	Pair, 14.5 mm high for 200 mm side	14	115	14		0.1060	1	6418677173172
PRE3.14	Pair, 14.5 mm high for 300 mm side	14	215	14		0.2070	1	6418677173134
PRE4.14	Pair, 14.5 mm high for 400 mm side	14	315	14		0.3060	1	6418677173141
PRE75.14	Pair, 14.5 mm high for 600 mm side/center	14	75	14		0.6400	1	6418677173158
PRE2.32	Pair, 32.5 mm high for 200 mm side	14	115	32		0.1550	1	6418677173189
PRE3.32	Pair, 32.5 mm high for 300 mm side	14	215	32		0.2990	1	6418677172687
PRE4.32	Pair, 32.5 mm high for 400 mm side	14	315	32		0.4320	1	6418677172694
PRE75.32	Pair, 32.5 mm high for 600 mm side/center	14	75	32		0.9700	1	6418677173165

DIN rail, W = 35 mm, DIN 46277/3



DR35240.5	For 600 mm side/middle with front panel	35	150	7.3		0.008	10	6418677176647
DR35250.5	For 300 mm side	35	260	7.3		0.083	10	6418677164750
DR35340.5	For 600 mm side/middle with front panel	35	350	7.3		0.110	10	6418677176654
DR35350.5	For 400 mm side	35	360	7.3		0.115	10	6418677164767

Front panels separate, PP RAL 7035, incl. corner elevator set



PFP33.125.1	1 DIN opening for 12 modules	266	266	2		0.1500	1	6418677172830
PFP33.125.2	2 DIN openings for 12 modules	266	266	2		0.1320	1	6418677172878
PFP43.125.1	1 DIN opening for 17 modules	266	366	2		0.1960	1	6418677172885
PFP43.125.2	2 DIN openings for 17 modules	266	366	2		0.1670	1	6418677172847
PFP34.125.3	3 DIN openings for 12 modules	266	366	2		0.1660	1	6418677172892
PFP36.125.4	4 DIN openings for 12 modules	266	566	2		0.2500	1	6418677172854
PFP46.125.4	4 DIN openings for 17 modules	366	566	2		0.3200	1	6418677172861
PFP34.150.2	2 DIN openings for 12 modules	266	366	2		0.1830	1	6418677172908
PFP36.150.3	3 DIN openings for 12 modules	266	566	2		0.2680	1	6418677172915
PFP46.150.3	3 DIN openings for 17 modules	366	566	2		0.3460	1	6418677173011
PMR1387	Plug for front panel (Ø 9 mm hole)	20	26	9.5		0.0018	50	6418677166730

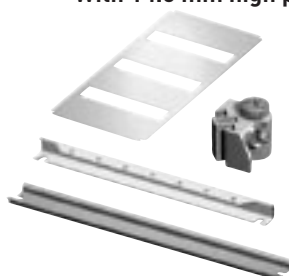
Drop-stop, PP



PEE6	For 300 mm side	80	250	2		0.034	10	6418677172540
PEE7	For 400 mm side	80	360	2		0.049	5	6418677172557

Complete front panels, PP RAL 7035 A = DIN rail spacing: 125 mm B = DIN rail spacing: 150 mm

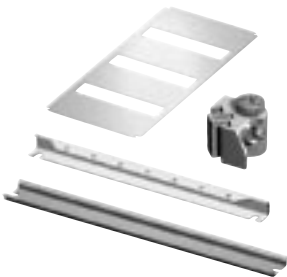
With 14.5 mm high profile



PFP33A114	1 DIN opening for 12 modules	266	266	2		0.4400	1	6418677185007
PFP33A214	2 DIN openings for 12 modules	266	266	2		0.5050	1	6418677185021
PFP43A114	1 DIN opening for 17 modules	266	366	2		0.5180	1	6418677185045
PFP43A214	2 DIN openings for 17 modules	266	366	2		0.6040	1	6418677185069
PFP34B214	2 DIN openings for 12 modules	266	366	2		0.6550	1	6418677185083
PFP34A314	3 DIN openings for 12 modules	266	366	2		0.7250	1	6418677185106
PFP36A414	4 DIN openings for 12 modules	266	566	2		1.0320	1	6418677185120
PFP36B314	3 DIN openings for 12 modules	266	566	2		1.0430	1	6418677185144
PFP46A414	4 DIN openings for 17 modules	366	566	2		1.2300	1	6418677185168
PFP46B314	3 DIN openings for 17 modules	366	566	2		1.2100	1	6418677185182

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

With 32.5 mm high profile



PFP33A132	1 DIN opening for 12 modules	266	266	2		0.5320	1	6418677185014
PFP33A232	2 DIN openings for 12 modules	266	266	2		0.5970	1	6418677185038
PFP43A132	1 DIN opening for 16 modules	266	366	2		0.6100	1	6418677185052
PFP43A232	2 DIN openings for 16 modules	266	366	2		0.6960	1	6418677185076
PFP34B232	2 DIN openings for 12 modules	266	366	2		0.7900	1	6418677185090
PFP34A332	3 DIN openings for 12 modules	266	366	2		0.8600	1	6418677185113
PFP36A432	4 DIN openings for 12 modules	266	566	2		1.2240	1	6418677185137
PFP36B332	3 DIN openings for 12 modules	266	566	2		1.3180	1	6418677185151
PFP46A432	4 DIN openings for 17 modules	366	566	2		1.4220	1	6418677185175
PFP46B332	3 DIN openings for 17 modules	366	566	2		1.4850	1	6418677185199

N and PE rails

For 300 mm side



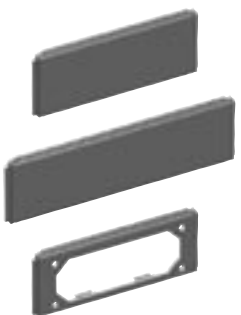
KN15.315	N + PE, Cu 2 x (2 x 16 / 13 x 6 mm ²)	250 mm			0.176	1	6418677153020
KN16.330	N, Cu 4 x 16 / 26 x 6 mm ²	250 mm			0.172	1	6418677153037
KN17.332	PE, Cu 4 x 16 / 28 x 6 mm ²	250 mm			0.184	1	6418677153044

For 400 mm side



KN15.423	N + PE, Cu 2 x (2 x 16 / 21 x 6 mm ²)	350 mm			0.260	1	6418677153051
KN16.436	N, Cu 4 x 16 / 32 x 6 mm ²	350 mm			0.254	1	6418677153068
KN17.436	PE, Cu 4 x 16 / 32 x 6 mm ²	350 mm			0.272	1	6418677153075

Flanges only for Cubo P, complete set



PCP3	Cover plate for 300 mm side, PC	95	227	11	0.140	1	6418677172427
PCP4	Cover plate for 400 mm side, PC	95	351	11	0.210	1	6418677172434
PKOP3.1	Knock-out plate, 300 mm side, 8 x Pg16 + 4 x Pg11/21, PC	95	227	11	0.130	1	6418677172458
PKOP4.1	Knock-out plate, 400 mm side, 8 x Pg16 + 4 x Pg11/21 + 2 x Pg29, PC	95	351	11	0.190	1	6418677172489
PMP3.1	Knock-out plate, 300 mm side, 4 x M16/25 + 8 x M20, PC	95	227	11	0.130	1	6418677172472
PMP4.1	Knock-out plate, 400 mm side, 4 x M16/25 + 8 x M20 + 2 x M40, PC	95	351	11	0.190	1	6418677172496
PSFS3	P plate with SFS/F2 opening for 300 mm side, PC	95	227	11	0.085	1	6418677172441
PSFS4	P plate with SFS/F2 opening for 400 mm side, PC	95	351	11	0.155	1	6418677172465

Locking pin separately for Cubo P flanges



PFPL1848	Grey PC	12 x 90			0.0040	100	6418677172663
POT1	Pull-out tool for Cubo P locking pins	Ø 50 x 175			0.8920	1	6418677172533

Cable entry for Cubo P



PCE3	For 300 mm side, set for 1 cable Ø 27-66 mm	95	227	71	0.405	1	6418677172717
PCE3.2	For 300 mm side, set for 2 cables Ø 27-66 mm	95	227	71	0.645	1	6418677174834
PCE4	For 400 mm side, set for 1 cable Ø 27-66 mm	95	351	71	0.442	1	6418677172724
PCE4.2	For 400 mm side, set for 2 cables Ø 27-66 mm	95	351	71	0.682	1	6418677163777
PK69	Separate rubber grommet for cable Ø 27-66 mm, set	86	100	60	0.107	1	6418677172748
PK69T	Cable grommet, set. Ø 27-66 mm	89	108	60	0.265	1	6418677173585

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

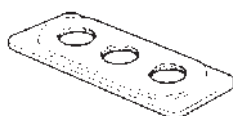
Flanges and their accessories

Cover plates



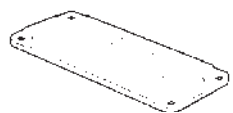
F2251	F2 size incl. PUR gasket, PC	86	216	8		0.092	1	6418677171949
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Gland flange, F2 size, incl. PUR gasket



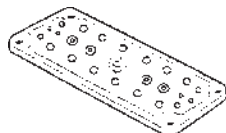
F2157	3 x Pg21 + 4 x Pg16, PC	86	216	8		0.073	1	6418677171956
F2158	2 x Pg29 + 6 x Pg16, PC	86	216	8		0.074	1	6418677171963
F2159	2 x Pg36 + 4 x Pg16, PC	86	216	8		0.074	1	6418677171970
F2160	8 x Pg16, PC	86	216	8		0.073	1	6418677171987
F2161	10 x Pg11, PC	86	216	8		0.076	1	6418677171994
F2168	4 x M20 + 1 x M25 + 2 x M32, PC	86	216	8		0.073	1	6418677152672
F2169	6 x M20 + 1 x M32 + 1 x M40, PC	86	216	8		0.072	1	6418677152689
F2170	4 x M20 + 2 x M40, PC	86	216	8		0.072	1	6418677152696
F2171	8 x M20, PC	86	216	8		0.070	1	6418677152702
F2172	10 x M16, PC	86	216	8		0.072	1	6418677152719

Knock-out flange, F2 size, incl. PUR gasket



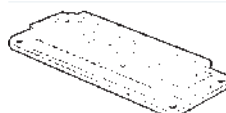
F2252	7 x Pk11 + 7 x Pk9/16, PC	86	216	8		0.083	1	6418677172113
F2253	2 x Pk21/29/36 + 2 x Pk9/16 + 1 x Pk11, PC	86	216	8		0.088	1	6418677172397
F2254	5 x Pk16/21 + 2 x Pk11, PC	86	216	8		0.085	1	6418677172403
F2255	7 x M16 + 7 x M12/20	86	216	8		0.083	1	6418677172595
F2256	2 x M20/32/50 + 2 x M12/20 + 2 x M16	86	216	8		0.088	1	6418677172625
F2257	5 x M20/32 + 2 x M16 + 1 x M12/20	86	216	8		0.085	1	6418677172700

Membrane flange, F2 size



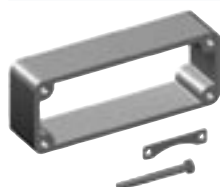
F2202	For 25 x Ø 5-26 mm cables, EPDM	84	216	24		0.250	1	6418677172007
F2203	For 35 x Ø 5-26 mm cables, EPDM	84	216	24		0.265	1	6418677172014
F2204	For 3 x Ø 24-60 mm cables, EPDM	84	216	24		0.228	1	6418677172021

Membrane flange, F2 size, excl. gasket



F2162	3 x Ø 30 + 6 x Ø 18 + 16 x Ø 14 mm, TPE	87	226	23		0.177	1	6418677172038
F2163	9 x Ø 18 + 24 x Ø 14 mm, TPE	87	226	23		0.194	1	6418677172045

Extension frame for SFS flange, 50 mm

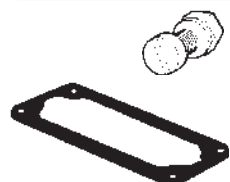


F2C50E	50 mm extension frame for F2 flange, PC	86	216	50		0.493	1	6418677173448
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Extension frame for SFS flanges, F2 size, incl. PSFS3 flange

PSFSC3.50	50 mm deep, set for 300 mm side	86	216	50		0.578	1	6418677172526
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Other flange accessories, F1 and F2 sizes



F2G	Self-adhesive flange gasket, F2 size	216 x 84				0.004	1	6418677172076
F2SS20	Flange bolt set, F2 size. Steel bolt with plastic head	M8 x 20				0.068	1	6418677181689
F2SS20L	Flange bolt set, F2 size. Steel bolt with plastic head + steel connector	M8 x 20				0.083	1	6418677173080
PMR1857	Flange/base support for size F2, PA (Cubo C)	216 x 22				0.020	1	6418677172106
PMR1858	Isolating cup for support PMR1857, PA	Ø 18 mm				0.001	1	6418677171796

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Strain relief, galvanized steel



KJ8.13	300 mm side/for 1 cable	65	265	85		0.463	1	6418677172755
KJ8.23	300 mm side/for 2 cables	65	265	85		0.602	1	6418677173271
KJ8.14	400 mm side/for 1 cable	65	365	85		0.615	1	6418677173288
KJ8.24	400 mm side/for 2 cables	65	365	85		0.754	1	6418677173295

Hinged front panels, PP RAL 7035, incl. corner elevator set



PHFP33	Hinged side: 300 mm	266	266	2		0.1740	1	6418677173028
PHFP34	Hinged side: 300 mm	266	366	2		0.2260	1	6418677173035
PHFP43	Hinged side: 400 mm	266	366	2		0.2250	1	6418677173202
PHFP36	Hinged side: 300 mm	266	566	2		0.3730	1	6418677173042
PHFP63	Hinged side: 600 mm	266	566	2		0.3510	1	6418677173219
PHFP46	Hinged side: 400 mm	366	566	2		0.4840	1	6418677173059
PHFP64	Hinged side: 600 mm	366	566	2		0.4640	1	6418677173226

Hinged front panels, aluminium, incl. corner elevator set



PHFP33A	Hinged side: 300 mm	266	266	1.5		0.3140	1	6418677173608
PHFP34A	Hinged side: 300 mm	266	366	1.5		0.4190	1	6418677173615
PHFP43A	Hinged side: 400 mm	266	366	1.5		0.4180	1	6418677173622
PHFP36A	Hinged side: 300 mm	266	566	1.5		0.6780	1	6418677173639
PHFP63A	Hinged side: 600 mm	266	566	1.5		0.6600	1	6418677173646
PHFP46A	Hinged side: 400 mm	366	566	1.5		0.8880	1	6418677173653
PHFP64A	Hinged side: 600 mm	366	566	1.5		0.8600	1	6418677173660

Front panels separate, closed, PP RAL 7035, incl. corner elevator set



PFP33		266	266	2		0.1670	1	6418677172793
PFP34		266	366	2		0.2180	1	6418677172809
PFP36		266	566	2		0.3660	1	6418677172816
PFP46		366	566	2		0.4730	1	6418677172823

Front panels, closed, aluminium, incl. corner elevator set



PFP33A		266	266	1.5		0.3090	1	6418677173691
PFP43A		266	366	1.5		0.4240	1	6418677173707
PFP63A		266	566	1.5		0.6810	1	6418677173714
PFP64A		366	566	1.5		0.9650	1	6418677173721

Accessories for front panels

PLC3	Mounting screw for DIN rail → profile	M5 x 6				0.001	100	6418677173196
PPH787	Support, with 14.5 mm profile	65 mm				0.014	10	6418677173555
PPH789	Support, with 32.5 mm profile	85 mm				0.017	10	6418677173561
PTK4.50	Spacer, 600 mm/middle	50 mm				0.021	10	6418677173578

Polycarbonate cover, grey, incl. gasket



OPCG303003L		300	300	30		0.4600	6	6418677164484
OPCG304003L		300	400	30		0.6020	6	6418677164491
OPCG306003L		300	600	30		0.9300	12	6418677164507
OPCG406003L		400	600	30		1.2670	9	6418677164514

Polycarbonate cover, transparent, incl. gasket



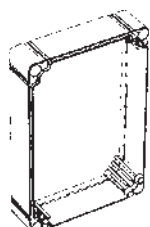
OPCT303003L		300	300	30		0.4600	6	6418677164415
OPCT304003L		300	400	30		0.6020	6	6418677164422
OPCT306003L		300	600	30		0.9300	12	6418677164439
OPCT406003L		400	600	30		1.2670	9	6418677164446

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Cover with window for kWh-meter

OPCG36KWH	Incl. cover screws and inspection window 113 x 153 mm	300	600	37		0.9200	12	6418677174186
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Extension frame, depth = 55 mm, PC, incl. mounting screws and gasket



OPCP303006E		300	300	55		0.450	3	6418677164637
OPCP304006E		300	400	55		0.480	3	6418677164644
OPCP306006E		300	600	55		0.667	6	6418677164651
OPCP406006E		400	600	55		0.766	5	6418677164668

Modular covers, smoke grey window, IP 65, PC

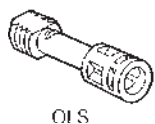


OPCG33CS	Closed front	300	300	30		0.889	1	6418677172922
OPCG34CS	Closed front	300	400	30		1.235	1	6418677172939
OPCG36CS	Closed front	300	600	30		1.760	1	6418677172946
OPCG33.125.1DS	Front: 1 DIN slit for 12 modules (12)	300	300	30		0.824	1	6418677172953
OPCG34.125.2DS	Front: 2 DIN slits for 12 modules (24)	300	400	30		1.114	1	6418677172960
OPCG36.150.3DS	Front: 3 DIN slits for 12 modules (36)	300	600	30		1.620	1	6418677172977
OPCG330S	Open front	300	300	30		0.725	1	6418677172984
OPCG340S	Open front	300	400	30		0.954	1	6418677172991
OPCG360S	Open front	300	600	30		1.360	1	6418677173004
OPCG33.125.1DSC	Front: 1 DIN slit for 12 modules (12), incl. DIN rails and 14,5 mm profiles	300	300	30		1.114	1	6418677166150
OPCG34.125.2DSC	Front: 2 DIN slits for 12 modules (24), incl. DIN rails and 14,5 mm profiles	300	400	30		1.586	1	6418677166167
OPCG36.150.3DSC	Front: 3 DIN slits for 12 modules (36), incl. DIN rails and 14,5 mm profiles	300	600	30		2.920	1	6418677166174
KOT20228	Std. cover with windows, 2 x 12 mod. Incl. DIN rails	300	300	45		1.160	1	6418677163944

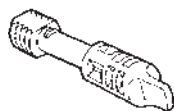
Accessories for modular covers

CP220	Cover strip for DS version/slits	50	220	14		0.024	1	6418677176661
PEM222	Marker for DS version	34	216	0.5		0.002	1	6418677176678
KY6	Lock (for all versions)	21	15	15		0.022	1	6418677173431

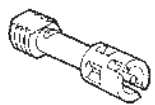
Cover screws



OLS



OLW



OLT

OLS42	Slotted/cross head, sealable	14 x 42		0.003	100	6418677164590
OLSA42.4	4 x OLS42	"		0.013	1	6418677174704
OLSA42.6	6 x OLS42	"		0.019	1	6418677174711
OLSA42.04	4 x OLS42 + 4 x OMS1	"		0.015	1	6418677172267
OLSA42.06	6 x OLS42 + 8 x OMS1	"		0.025	1	6418677172274
OLS42N	Slotted/cross head, dark grey Noryl	"		0.003	12	6418677174728
OLS32	Slotted/cross head for 600 mm mod.cover	14 x 32		0.003	12	6418677174360
PLS63	Springloaded, slotted/cross head	14 x 62		0.008	12	6418677173073
OLSH1	Hinged cover screw, slot/cross head, Blue PA	14 x 96		0.007	10	6418677174247
OLWH1	Hinged cover screw, wing head, Blue PA	14 x 113		0.009	10	6418677174254
OLW55	Wing head	14 x 55		0.005	100	6418677171765
OLWA55.4	4 x OLW55	"		0.012	1	6418677174735
OLWA55.6	6 x OLW55	"		0.029	1	6418677174742
OLWA55.04	4 x OLW55 + 4 x OMS1	"		0.017	1	6418677172281
OLWA55.06	6 x OLW55 + 8 x OMS1	"		0.026	1	6418677174759
OLT42	DIN 3 head	14 x 42		0.004	12	6418677171772
OLTA42.4	4 x OLT42	"		0.012	1	6418677174766
OLTA42.6	6 x OLT42	"		0.024	1	6418677174773
OLTA42.04	4 x OLT42 + 4 x OMS1	"		0.016	1	6418677172298
OLTA42.06	6 x OLT42 + 8 x OMS1	"		0.015	1	6418677174780
OLTA42.041	1 x OLTA42.04 + key	"		0.065	1	6418677174797
OLT42KEY	Key for DIN head screw OLT42	50 x 50		0.042	10	6418677172410

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs		EAN 13 code
		W	H	D					

Other accessories

	OES1	Extension frame screw	Ø 17 x 67			0.006	12		6418677174803
	OFL1	Fastening lug, set of 4 pcs	19 x 40 x 35.5			0.026	1		6418677164781
	OEL1	Corner elevator incl. M5 bolt	19/19 x 14			0.008	1		6418677164798
	OELA1.04	Corner elevator, set of 4 pcs OEL1	20/26 x 14			0.033	1		6418677181696
	OTS1	Threaded bushing for cover screw when cover mounted on the back	18/30 Ø 16			0.0025	12		6418677171789
	OTSA1.04	4 x OTS1 + 4 x OLS42	17 x 30/18			0.022	1		6418677181702
	OMS1	Mounting screw for rails and plates	5 x 10			0.0015	100		6418677164804
	OBI1	Brass insert for mounting pod	M3			0.0005	50		6418677172328
	OBIA1.04	Brass insert, set of 4 pcs OBI1	M3			0.002	1		6418677172335
	OCP1	Cover plug, PE	11 x Ø 15/17			0.0006	12		6418677164811
	OKL1	Cover lock incl. 2 keys and mounting instruction	Ø 15.7/Ø 14.3			0.064	1		6418677172311
	OKL442	Key separately for OKL1	49 x 20			0.008	1		6418677174827
	OBS15	15 mm spacer incl. M5 screw, steel	15 x 8			0.008	12		6418677171802
	OBS15.04	15 mm spacer, set of 4 pcs OBS15	15 x 8			0.032	1		6418677172342
	OBS20	20 mm spacer incl. M5 screw, steel	20 x 8			0.0105	12		6418677171819
	OBS20.04	20 mm spacer, set of 4 pcs OBS20	20 x 8			0.042	1		6418677172359
	OBS30	30 mm spacer incl. M5 screw, steel	30 x 8			0.0145	12		6418677171826
	OBS30.04	30 mm spacer, set of 4 pcs OBS30	30 x 8			0.058	1		6418677172366
	OCS22.46	Customizing Template for Cubo C and O covers (5 mm raster)	300x400x6				5		6418677184338

Hinge pair

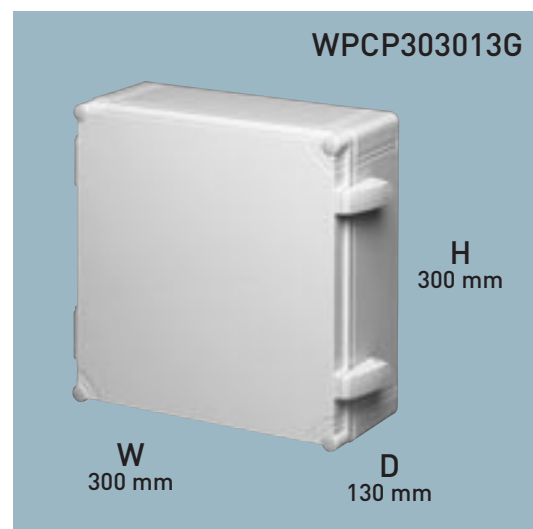
PHI1	For 300/600 mm cover side	40 x 65 x 16.5	0.065	1	6418677184987
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Ensto Cubo W, Thermoplastic Wall Cabinets IP 66/67

The Ensto Cubo W series includes medium-size to large enclosures with pre-assembled hinges and quick release latches. All dimensions in 100 mm modules; the smallest 200 x 200 mm and the largest 400 x 600 mm, depth 130 or 185 mm.

The enclosures are made of polycarbonate, standard colour grey RAL 7035, cover grey or transparent. The series has plain bases.

The enclosure is easily locked with a padlock.



PG 5253

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Enclosure, polycarbonate, incl. hinges and latches

130 mm deep, grey cover

WPCP202013G	200	200	132	115	1.1490	1	6418677174308
WPCP203013G	200	300	132	115	1.4590	1	6418677174315
WPCP204013G	200	400	132	115	1.7840	1	6418677174322
WPCP303013G	300	300	132	115	1.8480	1	6418677174339
WPCP304013G	300	400	132	115	2.2570	1	6418677174346
WPCP306013G	300	600	132	115	3.2120	1	6418677174353
WPCP406013G	400	600	132	115	4.1760	1	6418677174377

130 mm deep, transparent cover

WPCP202013T	200	200	132	115	1.1490	1	6418677174384
WPCP203013T	200	300	132	115	1.4590	1	6418677174391
WPCP204013T	200	400	132	115	1.7840	1	6418677174407
WPCP303013T	300	300	132	115	1.8480	1	6418677174414
WPCP304013T	300	400	132	115	2.2570	1	6418677174421
WPCP306013T	300	600	132	115	3.2120	1	6418677174438
WPCP406013T	400	600	132	115	4.1760	1	6418677174452

185 mm deep, grey cover, incl. extension frame

WPCP202018G	200	200	185	170	1.4530	1	6418677174469
WPCP203018G	200	300	185	170	1.8190	1	6418677174476
WPCP204018G	200	400	185	170	2.2170	1	6418677174483
WPCP303018G	300	300	185	170	2.2980	1	6418677174490
WPCP304018G	300	400	185	170	2.7370	1	6418677174506
WPCP306018G	300	600	185	170	3.8790	1	6418677174513
WPCP406018G	400	600	185	170	4.9420	1	6418677174537

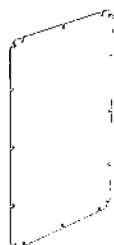
185 mm deep, transparent cover, incl. extension frame

WPCP202018T	200	200	185	170	1.4530	1	6418677174544
WPCP203018T	200	300	185	170	1.8190	1	6418677174551
WPCP204018T	200	400	185	170	2.2170	1	6418677174568
WPCP303018T	300	300	185	170	2.2980	1	6418677174575
WPCP304018T	300	400	185	170	2.7370	1	6418677174582
WPCP306018T	300	600	185	170	3.8790	1	6418677174599
WPCP406018T	400	600	185	170	4.9420	1	6418677174612

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs		EAN 13 code
		W	H	D					

Accessories for Cubo W

Mounting plate, galvanized steel



OMP2020	160	160	1.5	0.285	10	6418677164675
OMP2030	160	260	1.5	0.467	10	6418677164682
OMP2040	160	360	1.5	0.760	10	6418677164699
OMP3030	260	260	1.5	0.760	10	6418677164705
OMP3040	260	360	1.5	1.058	5	6418677164712
OMP3060	260	560	1.5	1.470	5	6418677164729
OMP4060	360	560	1.5	2.300	5	6418677164736

DIN rail, W = 35 mm, DIN 46277/3



DR35150.5	For 200 mm side	35	160	7.3	0.051	10	6418677164743
DR35250.5	For 300 mm side	35	260	7.3	0.083	10	6418677164750
DR35350.5	For 400 mm side	35	360	7.3	0.115	10	6418677164767

Other accessories for Cubo W

WQL1.1	Latch, pair incl. hooks and counter parts. PC	0.050	1	6418677174902
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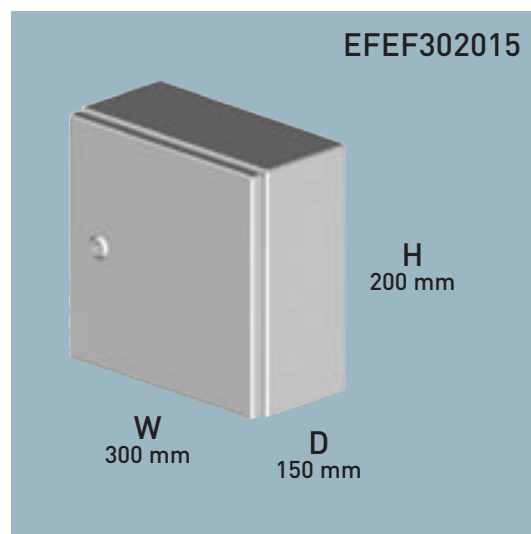
Ensto Cubo E, Steel Wall Cabinets IP 66, with Two Doors IP 55

The Ensto Cubo E wall cabinets are made of polyester painted steel, or unpainted stainless steel AISI 304. Standard colour for polyester painted enclosures is the traditional RAL 7032. All mild steel enclosures are also available in RAL 7035.

The standard models of polyester painted enclosures have flanges; enclosures with plain sides are available on request.

Models made of stainless steel have plain sides. Wall cabinets made of acid-proof steel AISI 316 are also available on request.

Mounting plates, cover plates for flange openings and key are included in the package. The door can easily be changed from right to left hand hinged even as the last operation at the installation site.



PG 5210

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Enclosure with flange openings below, painted RAL 7032, incl. mounting plate and cover plate(s)



EFEF203015	1 x size F1 flange	200	300	150	139	4.179	1	6418677179167
EFEF302015	1 x size F2 flange	300	200	150	139	5.107	1	6418677179174
EFEF303015	1 x size F2 flange	300	300	150	139	5.865	1	6418677179181
EFEF303020	1 x size F2 flange	300	300	200	189	6.200	1	6418677179198
EFEF304020	1 x size F2 flange	300	400	200	189	8.030	1	6418677179204
EFEF403015	1 x size F2 flange	400	300	150	139	7.240	1	6418677179211
EFEF403020	1 x size F2 flange	400	300	200	189	8.547	1	6418677179228
EFEF404020	1 x size F2 flange	400	400	200	189	10.060	1	6418677179235
EFEF404030	1 x size F2 flange	400	400	300	289	12.473	1	6418677179242
EFEF405020	1 x size F2 flange	400	500	200	189	12.710	1	6418677179259
EFEF406020	1 x size F2 flange	400	600	200	189	15.490	1	6418677179266
EFEF406030	1 x size F2 flange	400	600	300	289	17.485	1	6418677179273
EFEF505020	2 x size F2 flange	500	500	200	189	17.230	1	6418677179280
EFEF505030	2 x size F2 flange	500	500	300	289	20.043	1	6418677179297
EFEF506030	2 x size F2 flange	500	600	300	289	22.956	1	6418677179303
EFEF604020	2 x size F2 flange	600	400	200	189	17.214	1	6418677179310
EFEF604030	2 x size F2 flange	600	400	300	289	19.608	1	6418677179327
EFEF606020	2 x size F2 flange	600	600	200	189	22.600	1	6418677179333
EFEF606030	2 x size F2 flange	600	600	300	289	26.030	1	6418677179341
EFEF608020	2 x size F2 flange	600	800	200	189	31.780	1	6418677179358
EFEF608030	2 x size F2 flange	600	800	300	289	34.500	1	6418677179365
EFEF6010030	2 x size F2 flange	600	1000	300	289	42.700	1	6418677179372
EFEF6012030	2 x size F2 flange	600	1200	300	289	49.500	1	6418677179389
EFEF806030	3 x size F2 flange	800	600	300	289	31.780	1	6418677179396
EFEF808020	3 x size F2 flange	800	800	200	189	40.800	1	6418677179402
EFEF808030	3 x size F2 flange	800	800	300	289	44.660	1	6418677179419
EFEF8010030	3 x size F2 flange	800	1000	300	289	53.620	1	6418677179426
EFEF8012030	3 x size F2 flange	800	1200	300	289	61.180	1	6418677179433
EFEF1008030	4 x size F2 flange	1000	800	300	289	52.420	1	6418677179440
EFEF10010030	4 x size F2 flange	1000	1000	300	289	64.200	1	6418677179457
EFEF10012030	4 x size F2 flange	1000	1200	300	289	75.100	1	6418677179464
EFEF808030D	2 doors, IP55, 3 x size F2 flange	800	800	300	289	43.998	1	6418677179471
EFEF8010030D	2 doors, IP55, 3 x size F2 flange	800	1000	300	289	53.079	1	6418677179488
EFEF10010030D	2 doors, IP55, 4 x size F2 flange	1000	1000	300	289	64.150	1	6418677179495
EFEF10012030D	2 doors, IP55, 4 x size F2 flange	1000	1200	300	289	75.150	1	6418677179501

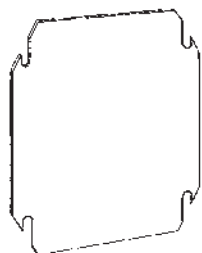
Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Enclosure, stainless steel AISI 304, plain sides, incl. mounting plate



ESSP203015		200	300	150	139	4.850	1	6418677179518
ESSP302015		300	200	150	139	4.940	1	6418677179525
ESSP303015		300	300	150	139	6.278	1	6418677179532
ESSP303020		300	300	200	189	6.870	1	6418677179549
ESSP304020		300	400	200	189	8.347	1	6418677179556
ESSP403015		400	300	150	139	7.649	1	6418677179563
ESSP403020		400	300	200	189	8.347	1	6418677179570
ESSP404020		400	400	200	189	10.678	1	6418677179587
ESSP404030		400	400	300	289	12.273	1	6418677179594
ESSP405020		400	500	200	189	12.510	1	6418677179600
ESSP406020		400	600	200	189	15.290	1	6418677179617
ESSP406030		400	600	300	289	17.285	1	6418677179624
ESSP505020		500	500	200	189	17.023	1	6418677179631
ESSP505030		500	500	300	289	19.640	1	6418677179648
ESSP506030		500	600	300	289	22.556	1	6418677179655
ESSP604020		600	400	200	189	16.814	1	6418677179662
ESSP604030		600	400	300	289	19.108	1	6418677179679
ESSP606020		600	600	200	189	22.260	1	6418677179686
ESSP606030		600	600	300	289	26.030	1	6418677179693
ESSP608020		600	800	200	189	31.780	1	6418677179709
ESSP608030		600	800	300	289	35.897	1	6418677179716
ESSP6010030		600	1000	300	289	42.700	1	6418677179723
ESSP6012030		600	1200	300	289	49.450	1	6418677179730
ESSP806030		800	600	300	289	34.699	1	6418677179747
ESSP808020		800	800	200	189	40.600	1	6418677179754
ESSP808030		800	800	300	289	44.460	1	6418677179761
ESSP8010030		800	1000	300	289	52.420	1	6418677179778
ESSP8012030		800	1200	300	289	69.980	1	6418677179785
ESSP1008030		1000	800	300	289	52.220	1	6418677179792
ESSP10010030		1000	1000	300	289	63.950	1	6418677179808
ESSP10012030		1000	1200	300	289	74.900	1	6418677179815
ESSP808030D	2-door version	800	800	300	289	43.798	1	6418677179822
ESSP8010030D	2-door version	800	1000	300	289	52.879	1	6418677179839
ESSP10010030D	2-door version	1000	1000	300	289	63.950	1	6418677179846
ESSP10012030D	2-door version	1000	1200	300	289	74.950	1	6418677179853

Mounting plate, galvanized steel



EMP23		270	150	2		0.500	1	6418677199240
EMP32		170	250	2		0.500	1	6418677199257
EMP33		270	250	2		1.000	1	6418677199264
EMP34		370	250	2		1.500	1	6418677199271
EMP43		270	350	2		1.500	1	6418677199288
EMP44		370	350	2		2.000	1	6418677199295
EMP45		470	350	2.5		2.500	1	6418677199301
EMP46		570	350	2.5		3.500	1	6418677199318
EMP55		470	450	2.5		4.000	1	6418677199325
EMP56		570	450	2.5		5.000	1	6418677199332
EMP64		370	550	2.5		3.000	1	6418677199349
EMP66		570	550	2.5		6.000	1	6418677199356
EMP68		770	550	3		9.500	1	6418677199363
EMP610		970	550	3		12.000	1	6418677199370
EMP612		1170	550	3		15.000	1	6418677199387
EMP86		570	750	3		9.500	1	6418677199394
EMP88		770	750	3		13.000	1	6418677199400
EMP810		970	750	3		16.500	1	6418677199417
EMP812		1170	750	3		20.500	1	6418677199424
EMP108		750	970	3		16.500	1	6418677199431
EMP1010		970	950	3		21.000	1	6418677199448
EMP1012		1170	950	3		26.000	1	6418677199455

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Rain shelter (roof)



ERS2015G	Painted, RAL7032	165	205			0.844	1	6418677175817
ERS3015G	Painted, RAL7032	165	305			1.150	1	6418677175824
ERS4015G	Painted, RAL7032	165	405			1.446	1	6418677175831
ERS3021G	Painted, RAL7032	220	305			1.452	1	6418677175848
ERS4021G	Painted, RAL7032	220	405			1.840	1	6418677175855
ERS5021G	Painted, RAL7032	220	505			2.210	1	6418677175862
ERS6021G	Painted, RAL7032	220	605			2.632	1	6418677175879
ERS8021G	Painted, RAL7032	220	805			3.346	1	6418677175886
ERS4031G	Painted, RAL7032	320	405			2.550	1	6418677175893
ERS5031G	Painted, RAL7032	320	505			3.064	1	6418677175909
ERS6031G	Painted, RAL7032	320	605			3.552	1	6418677175916
ERS8031G	Painted, RAL7032	320	805			4.588	1	6418677175923
ERS10031G	Painted, RAL7032	320	1005			5.612	1	6418677175930
ERS2015B	Stainless steel, AISI 304	165	205			0.844	1	6418677176005
ERS3015B	Stainless steel, AISI 304	165	305			1.150	1	6418677176012
ERS4015B	Stainless steel, AISI 304	165	405			1.446	1	6418677176029
ERS3021B	Stainless steel, AISI 304	220	305			1.452	1	6418677176036
ERS4021B	Stainless steel, AISI 304	220	405			1.840	1	6418677176043
ERS5021B	Stainless steel, AISI 304	220	505			2.210	1	6418677176050
ERS6021B	Stainless steel, AISI 304	220	605			2.632	1	6418677176067
ERS8021B	Stainless steel, AISI 304	220	805			3.346	1	6418677176074
ERS4031B	Stainless steel, AISI 304	320	405			2.550	1	6418677176081
ERS5031B	Stainless steel, AISI 304	320	505			3.064	1	6418677176098
ERS6031B	Stainless steel, AISI 304	320	605			3.552	1	6418677176104
ERS8031B	Stainless steel, AISI 304	320	805			4.588	1	6418677176111
ERS10031B	Stainless steel, AISI 304	320	1005			5.612	1	6418677176128

DIN rail profiles, pair (FeZn)



EDP20	For door	15	133			0.110	1	6418677176180
EDP30	For door	15	233			0.198	1	6418677176197
EDP40	For door	15	333			0.286	1	6418677176203
EDP50	For door	15	433			0.372	1	6418677176210
EDP60	For door	15	533			0.460	1	6418677176227
EDP80	For door	15	733			0.634	1	6418677176234
EDP100	For door	15	933			0.806	1	6418677176241
EDP120	For door	15	1133			1.000	1	6418677176258
EBP20	For base	20	143			0.176	1	6418677176289
EBP30	For base	20	243			0.294	1	6418677176296
EBP40	For base	20	343			0.414	1	6418677176302
EBP50	For base	20	443			0.542	1	6418677176319
EBP60	For base	20	543			0.666	1	6418677176326
EBP80	For base	20	743			1.158	1	6418677176333
EBP100	For base	20	943			1.476	1	6418677176340
EBP120	For base	20	1143			1.808	1	6418677176357

DIN rails, W = 35 mm, DIN 46277/3



DR3520B	For base, 200 mm side	35	122	7.3		0.042	10	6418677176371
DR3530B	For base, 300 mm side	35	222	7.3		0.076	10	6418677176388
DR3540B	For base, 400 mm side	35	322	7.3		0.108	10	6418677176395
DR3550B	For base, 500 mm side	35	422	7.3		0.140	5	6418677176401
DR3560B	For base, 600 mm side	35	522	7.3		0.172	5	6418677176418
DR3580B	For base, 800 mm side	35	722	7.3		0.236	5	6418677176425
DR35100B	For base, 1000 mm side	35	922	7.3		0.304	5	6418677176432
DR3520D	For door, 200 mm side	35	76	7.3		0.028	10	6418677176456
DR3530D	For door, 300 mm side	35	176	7.3		0.062	10	6418677176463
DR3540D	For door, 400 mm side	35	276	7.3		0.094	10	6418677176470
DR3550D	For door, 500 mm side	35	376	7.3		0.124	5	6418677176487
DR3560D	For door, 600 mm side	35	476	7.3		0.156	5	6418677176494
DR3580D	For door, 800 mm side	35	676	7.3		0.222	5	6418677176500
DR35100D	For door, 1000 mm side	35	876	7.3		0.284	5	6418677176517

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs		EAN 13 code
		W	H	D					

Other accessories

ED10	Triangular lock, set with Δ 11 mm key					0.116	1		6418677176531
ED10M6	Lock with handle, w = 50 mm					0.085	1		6418677176548
EKL1	Lock + 2 keys					0.085	1		6418677176555
OLT42KEY	Key for std. lock separately, DIN 3					0.046	10		6418677172410
EH1	Black handle for three point locking	48	180	50		0.200	1		6418677176579
EDS1	Door stopper, set (FeZn)	20	125	25		0.056	1		6418677176616
EG200	Door grounding, 2.5 mm ² , lenght 200 mm					0.050	5		6418677199615

Plates, set

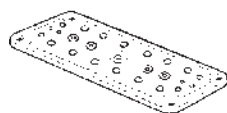
Steel plates, painted RAL 7032



EVF2	Ventil. flange size F2	93	222	7.5		0.600	1		6418677176586
ECF1	Cover flange size F1	48	137	7.5		0.124	1		6418677176593
ECF2	Cover flange size F2	93	222	7.5		0.336	1		6418677176609



Membrane flange



F1201	For 5 x Ø 7-30 mm cables, EPDM	48	138			0.0830	1		6418677171871
F2202	For 25 x Ø 5-26 mm cables, EPDM	84	216			0.2500	1		6418677172007
F2203	For 35 x Ø 5-26 mm cables, EPDM	84	216			0.2650	1		6418677172014
F2204	For 3 x Ø 24-60 mm cables, EPDM	84	216			0.2280	1		6418677172021

Fastening lugs, set AISI304



EFFL2.20	20 mm high, AISI304					0.188	1		6418677199622
EFFL2.50	50 mm high, AISI304					0.332	1		6418677199639
EFLM4	Counter part for fastening lugs, set of 4 pcs						1		6418677199608

Ensto Cubo EO, General Purpose Cabinets, Steel, IP 66

PG 5212

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs		EAN 13 code
		W	H	D					

Complete Enclosure incl. mounting plate

EOJ2	2 x F1 + 2 x F2 knock-outs	190	280	138		3.700	1		6418677176708
EOJ4	2 x F1 + 2 x F2 knock-outs	190	280	193		4.400	1		6418677176715
EOK2	4 x F2 knock-outs	190	240	138		3.200	1		6418677176722
EOL2	2 x F1 + 2 x F2 knock-outs	240	280	138		4.400	1		6418677176739
EOM2	2 x F1 + 2 x F2 knock-outs	190	380	138		4.700	1		6418677176746
EOM4	2 x F1 + 2 x F2 knock-outs	190	380	193		5.400	1		6418677176753
EO02	4 x F2 knock-outs	280	280	138		4.900	1		6418677176760
EO04	4 x F2 knock-outs	280	280	193		5.600	1		6418677176777
EOP2	4 x F2 knock-outs	280	380	138		6.300	1		6418677176784
EOP4	4 x F2 knock-outs	280	380	193		7.200	1		6418677176791
EOR2	4 x F2 knock-outs	380	380	138		7.800	1		6418677176807
EOR4	4 x F2 knock-outs	380	380	193		9.000	1		6418677176814
EOT2	6 x F2 knock-outs	280	560	138		8.800	1		6418677176821
EOT4	6 x F2 knock-outs	280	560	193		9.900	1		6418677176838
EOU2	6 x F2 knock-outs	380	560	138		9.100	1		6418677176845
EOU4	6 x F2 knock-outs	380	560	193		11.900	1		6418677176852
EOU6	6 x F2 knock-outs	380	560	248		13.700	1		6418677176869
EOY6	4 x F2 knock-outs	480	480	248		13.700	1		6418677176876
EOV4	8 x F2 knock-outs	380	840	193		17.900	1		6418677176883
EOV6	8 x F2 knock-outs	380	840	248		19.100	1		6418677176890
EOZ6	6 x F2 knock-outs	480	760	248		22.100	1		6418677176906
EOQ6	6 x F2 knock-outs	480	960	248		25.700	1		6418677176913

Mounting plate, galvanized steel

EOJ1	1.5 mm thick	140	230	1.5		0.400	1		6418677186653
EOK1	1.5 mm thick	140	190	1.5		0.300	1		6418677186660
EOL1	1.5 mm thick	190	230	1.5		0.500	1		6418677186677
EOM1	1.5 mm thick	140	330	1.5		0.500	1		6418677186684
EO01	1.5 mm thick	230	230	1.5		0.600	1		6418677186691
EOP1	1.5 mm thick	230	330	1.5		0.900	1		6418677186707
EOR1	1.5 mm thick	330	330	1.5		1.200	1		6418677186714
EOT1	1.5 mm thick	230	510	1.5		1.300	1		6418677186721
EOU1	1.5 mm thick	330	510	1.5		1.900	1		6418677186738
EOU3	2.5 mm thick	330	510	2.5		3.200	1		6418677186745
EOY1	1.5 mm thick	430	430	1.5		2.200	1		6418677186752
EOV1	1.5 mm thick	330	790	1.5		3.100	1		6418677186769
EOV3	2.5 mm thick	330	790	2.5		5.200	1		6418677186776
EOZ1	1.5 mm thick	430	710	1.5		3.500	1		6418677186783
EOZ3	2.5 mm thick	430	710	2.5		5.800	1		6418677186790
EOQ1	1.5 mm thick	430	910	1.5		4.700	1		6418677186806
EOQ3	2.5 mm thick	430	910	2.5		7.400	1		6418677186813

Fasteners for the door

EO71.04	Padlock adapter					0.0500	1		6418677186820
EO71.05	Triangular fastener with wing knob and padlock adapter					0.1000	1		6418677186837
EO71.06	DIN 3 fastener					0.0800	1		6418677186844
EO71.07	Triangular fastener with wing knob, Δ 10/M5					0.0900	1		6418677186851
OLT42KEY	DIN 3 key (for EO71.06)					0.0420	10		6418677172410
EAL3.17	Adapter for Abloy lock (in Scandinavia)					0.0550	1		6410034400990

Flange accessories

EO72.07	Flange assembly set, F1 size					0.034	1		6418677186875
EO72.08	Flange assembly set, F2 size					0.062	1		6418677186882
EO72.10	Counter rib/M6 for F1 size flange					0.006	1		6418677186899
EO72.11	Counter rib/M8 for F2 size flange					0.018	1		6418677186905
EVF2	Ventilation flange, F2 size					0.600	1		6418677176586

Other accessories

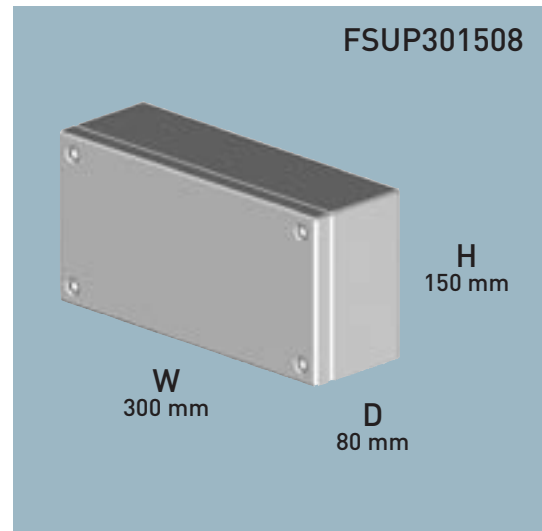
EOFL2.20	Fastening lug, a set of 4, depth 20 mm, AISI 304					0.188	1		6418677199578
EOFL2.50	Fastening lug, a set of 4, depth 50 mm, AISI 305					0.332	1		6418677199585
EDS1	Door-stop, galvanized steel					0.056	1		6418677176616

Ensto Cubo F, Steel Terminal Enclosures IP 66, with Window IP 65

The Ensto Cubo F terminal enclosures are made of sheet steel. Alternatives are polyester painted steel, colour grey RAL 7032, or unpainted stainless steel AISI 304. Ensto Cubo F is also available in acid-proof steel AISI 316 on special request. All models are also available in RAL 7035, whenever you so require.

The standard model has plain sides. The enclosures include as standard a perforated support for DIN rail or mounting plate. All versions can be supplied with hinges. There are 15 different sizes to choose from, depth alternatives 80 mm or 120 mm.

120 mm deep polyester painted Ensto Cubo F terminal enclosures with flanges or polycarbonate window are available as standard types.



PG 5211

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Enclosure, 80 mm deep, painted RAL 7032



FFUP151508	150	150	80	63.5	1.672	1	6418677179860
FFUP202008	200	200	80	63.5	2.090	1	6418677179877
FFUP301508	300	150	80	63.5	2.090	1	6418677179884
FFUP302008	300	200	80	63.5	2.174	1	6418677179891
FFUP303008	300	300	80	63.5	3.678	1	6418677179907
FFUP402008	400	200	80	63.5	3.010	1	6418677179914
FFUP403008	400	300	80	63.5	4.013	1	6418677179921
FFUP404008	400	400	80	63.5	5.518	1	6418677179938
FFUP502008	500	200	80	63.5	3.511	1	6418677179945
FFUP503008	500	300	80	63.5	5.183	1	6418677179952
FFUP602008	600	200	80	63.5	4.013	1	6418677179969
FFUP603008	600	300	80	63.5	5.518	1	6418677179976
FFUP604008	600	400	80	63.5	6.354	1	6418677179983
FFUP802008	800	200	80	63.5	5.852	1	6418677179990
FFUP804008	800	400	80	63.5	7.190	1	6418677180002

Enclosure, 120 mm deep, painted RAL 7032



FFUP151512	150	150	120	103.5	1.848	1	6418677189203
FFUP202012	200	200	120	103.5	2.310	1	6418677189210
FFUP301512	300	150	120	103.5	2.310	1	6418677189227
FFUP302012	300	200	120	103.5	2.402	1	6418677189234
FFUP303012	300	300	120	103.5	4.066	1	6418677189241
FFUP402012	400	200	120	103.5	3.326	1	6418677189258
FFUP403012	400	300	120	103.5	4.435	1	6418677189265
FFUP404012	400	400	120	103.5	6.098	1	6418677189272
FFUP502012	500	200	120	103.5	3.881	1	6418677189289
FFUP503012	500	300	120	103.5	5.729	1	6418677189296
FFUP602012	600	200	120	103.5	4.435	1	6418677189302
FFUP603012	600	300	120	103.5	6.098	1	6418677189319
FFUP604012	600	400	120	103.5	7.022	1	6418677189326
FFUP802012	800	200	120	103.5	6.468	1	6418677189333
FFUP804012	800	400	120	103.5	7.946	1	6418677189340

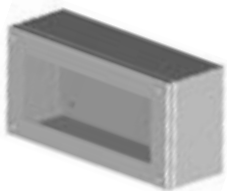
Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Enclosure with flanges, 120 mm deep, painted RAL 7032 (flange opening 62 x 192 mm)



FFUF301512	Flange qty/side: 1/1/0/0	300	150	120	103.5	2.376	1	6418677189357
FFUF302012	Flange qty/side: 1/1/0/0	300	200	120	103.5	2.464	1	6418677189364
FFUF303012	Flange qty/side: 1/1/1/1	300	300	120	103.5	4.136	1	6418677189371
FFUF402012	Flange qty/side: 1/1/0/0	400	200	120	103.5	3.432	1	6418677189388
FFUF403012	Flange qty/side: 1/1/1/1	400	300	120	103.5	4.488	1	6418677189395
FFUF404012	Flange qty/side: 1/1/1/1	400	400	120	103.5	6.160	1	6418677189401
FFUF502012	Flange qty/side: 2/2/0/0	500	200	120	103.5	3.960	1	6418677189418
FFUF503012	Flange qty/side: 2/2/1/1	500	300	120	103.5	5.808	1	6418677189425
FFUF602012	Flange qty/side: 2/2/0/0	600	200	120	103.5	4.488	1	6418677189432
FFUF603012	Flange qty/side: 2/2/1/1	600	300	120	103.5	6.160	1	6418677189449
FFUF604012	Flange qty/side: 2/2/1/1	600	400	120	103.5	7.128	1	6418677189456
FFUF802012	Flange qty/side: 3/3/0/0	800	200	120	103.5	6.600	1	6418677189463
FFUF804012	Flange qty/side: 3/3/1/1	800	400	120	103.5	8.008	1	6418677189470

Enclosure with PC window, 120 mm deep, RAL 7032



FFUW202012	Window size: 120 x 120	200	200	120	101.5	2.200	1	6418677189487
FFUW302012	Window size: 220 x 120	300	200	120	101.5	2.288	1	6418677189494
FFUW402012	Window size: 320 x 120	400	200	120	101.5	3.256	1	6418677189500
FFUW502012	Window size: 420 x 120	500	200	120	101.5	3.784	1	6418677189517
FFUW602012	Window size: 520 x 120	600	200	120	101.5	4.224	1	6418677189524
FFUW802012	Window size: 720 x 120	800	200	120	101.5	6.336	1	6418677189531

Enclosure, 80 mm deep, stainless steel AISI304



FSUP151508		150	150	80	63.5	1.505	1	6418677189548
FSUP202008		200	200	80	63.5	1.881	1	6418677189555
FSUP301508		300	150	80	63.5	1.881	1	6418677189562
FSUP302008		300	200	80	63.5	1.956	1	6418677189579
FSUP303008		300	300	80	63.5	3.311	1	6418677189586
FSUP402008		400	200	80	63.5	2.709	1	6418677189593
FSUP403008		400	300	80	63.5	3.612	1	6418677189609
FSUP404008		400	400	80	63.5	4.966	1	6418677189616
FSUP502008		500	200	80	63.5	3.160	1	6418677189623
FSUP503008		500	300	80	63.5	4.665	1	6418677189630
FSUP602008		600	200	80	63.5	3.612	1	6418677189647
FSUP603008		600	300	80	63.5	4.966	1	6418677189654
FSUP604008		600	400	80	63.5	5.718	1	6418677189661
FSUP802008		800	200	80	63.5	5.267	1	6418677189678
FSUP804008		800	400	80	63.5	6.471	1	6418677189685

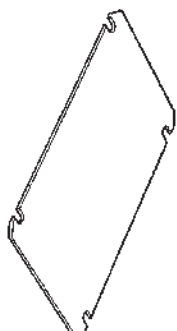
Enclosure, 120 mm deep, stainless steel AISI304



FSUP151512		150	150	120	103.5	1.663	1	6418677189692
FSUP202012		200	200	120	103.5	2.079	1	6418677189708
FSUP301512		300	150	120	103.5	2.079	1	6418677189715
FSUP302012		300	200	120	103.5	2.162	1	6418677189722
FSUP303012		300	300	120	103.5	3.659	1	6418677189739
FSUP402012		400	200	120	103.5	2.994	1	6418677189746
FSUP403012		400	300	120	103.5	3.992	1	6418677189753
FSUP404012		400	400	120	103.5	5.489	1	6418677189760
FSUP502012		500	200	120	103.5	3.493	1	6418677189777
FSUP503012		500	300	120	103.5	5.156	1	6418677189784
FSUP602012		600	200	120	103.5	3.992	1	6418677189791
FSUP603012		600	300	120	103.5	5.489	1	6418677189807
FSUP604012		600	400	120	103.5	6.320	1	6418677189814
FSUP802012		800	200	120	103.5	5.821	1	6418677189821
FSUP804012		800	400	120	103.5	7.152	1	6418677189838

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Mounting plate, galvanized steel, 2 mm thick



FMP1515		135	100	2		0.174	10	6418677157394
FMP2020		185	150	2		0.406	10	6418677157417
FMP3015		285	100	2		0.404	10	6418677199462
FMP3020		285	150	2		0.606	10	6418677199479
FMP3030		285	250	2		1.068	10	6418677157479
FMP4020		385	150	2		0.864	10	6418677199486
FMP4030		385	250	2		1.440	5	6418677199493
FMP4040		385	350	2		2.080	5	6418677157516
FMP5020		485	150	2		1.076	5	6418677199509
FMP5030		485	250	2		1.884	5	6418677199516
FMP6020		585	150	2		1.310	5	6418677199523
FMP6030		585	250	2		2.186	5	6418677199530
FMP6040		585	350	2		3.034	5	6418677199547
FMP8020		785	150	2		1.768	5	6418677199554
FMP8040		785	350	2		4.184	5	6418677199561

DIN rail, W = 35 mm, DIN 46277/3



DR3515	For 150 mm side	35	140	7.3		0.044	10	6418677156878
DR3520	For 200 mm side	35	190	7.3		0.062	10	6418677156885
DR3530	For 300 mm side	35	250	7.3		0.092	10	6418677156892
DR3540	For 400 mm side	35	390	7.3		0.128	10	6418677156908
DR3550	For 500 mm side	35	490	7.3		0.154	5	6418677156915
DR3560	For 600 mm side	35	590	7.3		0.188	5	6418677156922
DR3580	For 800 mm side	35	790	7.3		0.254	5	6418677156939

Cover plate separately for FFUF version

FFUF1	Complete set, RAL 7032	84	214	2		0.278	1	6418677186349
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Hinge

FHI2	Stainless steel, pair	15	30	11		0.033	1	6418677199592
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Fastening lugs, set of 4 pcs

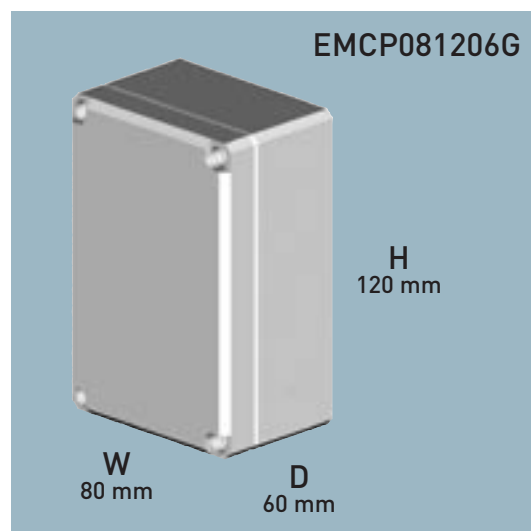


EFFL2.20	Depth 20 mm, AISI 304					0.188	1	6419677199622
EFFL2.50	Depth 50 mm, AISI 304					0.332	1	6419677199639

Ensto Cubo EMC, EMC Shielded Enclosures IP 66

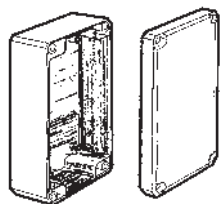
The Ensto Cubo EMC enclosure series offers a good protection against interference in onerous locations. The enclosures are made of polycarbonate with special alloy in base and cover and a conductive gasket of silver/silicone.

The enclosures can be supplied in 21 different sizes.



Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Enclosure in polycarbonate, grey cover, SiAg gasket



EMCPC080806G	80	82	56		0.132	1	6418677173301
EMCPC081206G	80	120	56		0.174	1	6418677173318
EMCPC081209G	80	120	86		0.211	1	6418677183706
EMCPC081308G	75	125	75		0.215	1	6418677173325
EMCPC081609G	80	160	86		0.263	1	6418677183713
EMCPC121206G	120	122	56		0.225	1	6418677173332
EMCPC121609G	120	160	91		0.374	1	6418677183720
EMCPC122009G	120	200	86		0.436	1	6418677183737
EMCPC131308G	125	125	75		0.291	1	6418677173349
EMCPC131310G	125	125	100		0.368	1	6418677183744
EMCPC131808G	125	175	75		0.392	1	6418677173356
EMCPC131810G	125	175	100		0.479	1	6418677183751
EMCPC162409G	160	240	91		0.630	1	6418677183768
EMCPC181808G	175	175	75		0.474	1	6418677173363
EMCPC182508G	175	250	75		0.650	1	6418677183775
EMCPC202013G	200	200	130		1.070	1	6418677173370
EMCPC203013G	200	300	130		1.389	1	6418677173387
EMCPC204013G	200	400	130		1.724	1	6418677183782
EMCPC303013G	300	300	130		1.790	1	6418677173394
EMCPC304013G	300	400	130		2.264	1	6418677173400
EMCPC306013G	300	600	130		3.090	1	6418677173417

Ensto Cubo R, Modular Enclosures, IP 65

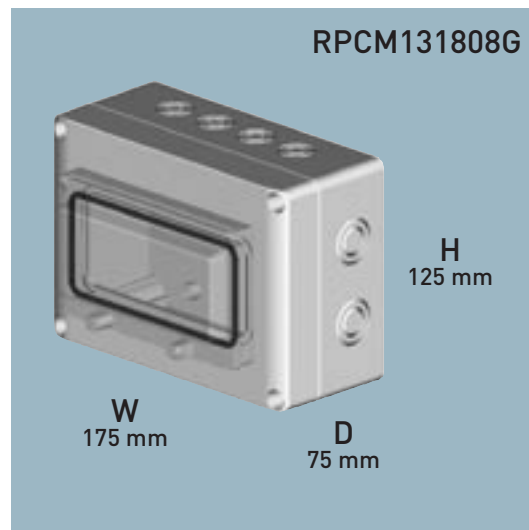
The Ensto Cubo R modular enclosures are made of polycarbonate or ABS. There are 7 different size options; the smallest, 75 x 125 x 75 mm, is for two modules and the largest, 300 x 600 x 130 mm, for 3 x 12 modules.

The ABS enclosures always have plain sides, the polycarbonate enclosures either plain sides or knock-outs. Small enclosures are available with metric knock-outs and large, for 12 – 36 modules, metric or alternatively flange knock-outs.

Standard colour is grey RAL 7035; hatch smoke-grey or alternatively transparent.

Thanks to the hatch, control and service of the devices in the enclosure is easy.

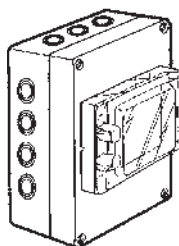
Large modular enclosures have pre-mounted DIN rails, DIN rail profiles and N/PE busbars. They are supplied complete with cover plates and markers.



Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

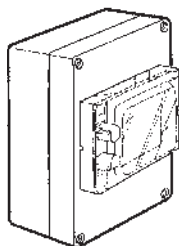
Enclosure, incl. DIN rail and window

Polycarbonate, grey cover, Pg knock-outs in the base



RPCK081308G/2M	For 2 modules	75	125	100	60.5/86	0.271	1	6418677173455
RPCK131308G/4M	For 4 modules	125	125	100	60.5/86	0.382	1	6418677173462
RPCK131808G/6M	For 6 modules	125	175	100	60.5/86	0.519	1	6418677173479
RPCK182508G/10M	For 10 modules	175	250	100	60.5/86	0.837	1	6418677173486

ABS, grey cover, plain sides in the base



RABP081308G/2M	For 2 modules	75	125	100	60.5/86	0.274	1	6418677173493
RABP131308G/4M	For 4 modules	125	125	100	60.5/86	0.350	1	6418677173509
RABP131808G/6M	For 6 modules	125	175	100	60.5/86	0.468	1	6418677173516
RABP182508G/10M	For 10 modules	175	250	100	60.5/86	0.761	1	6418677173523

Enclosure, incl. smoke grey window, DIN rails and N/PE rails

Polycarbonate, metric knock-outs in the base



RPCM33DS.12MT	For 12 modules, 1 row	300	300	132	67.5/116	2.585	1	6418677182426
RPCM34DS.24MT	For 24 modules, 2 rows	300	400	132	67.5/116	3.545	1	6418677182433
RPCM36DS.36MT	For 36 modules, 3 rows	300	600	132	67.5/116	4.845	1	6418677182440

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Polycarbonate, plain sides in the base



RPCP33DS.12MT	For 12 modules, 1 row	300	300	132	67.5/116	2.585	1	6418677182457
RPCP34DS.24MT	For 24 modules, 2 rows	300	400	132	67.5/116	3.545	1	6418677182464
RPCP36DS.36MT	For 36 modules, 3 rows	300	600	132	67.5/116	4.845	1	6418677182471

Polycarbonate, plate knock-outs in the base



RPCF33DS.12MT	For 12 modules, 1 row	300	300	132	67.5/116	2.751	1	6418677182488
RPCF34DS.24MT	For 24 modules, 2 rows	300	400	132	67.5/116	3.711	1	6418677182495
RPCF36DS.36MT	For 36 modules, 3 rows	300	600	132	67.5/116	5.011	1	6418677182501

ABS base, plain sides in the base



RABP33DS.12MT	For 12 modules, 1 row	300	300	132	67.5/116	2.415	1	6418677182518
RABP34DS.24MT	For 24 modules, 2 rows	300	400	132	67.5/116	3.349	1	6418677182525
RABP36DS.36MT	For 36 modules, 3 rows	300	600	132	67.5/116	4.610	1	6418677182532

Accessories for 33, 34 and 36 sizes



KN15.315	N+PE, Cu 2 x (2 x 16 / 13 x 16 mm ²)	250	15	20		0.176	1	6418677153020
KN16.330	N, Cu 4 x 16 / 26 x 6 mm ²	250	15	20		0.172	1	6418677153037
KN17.332	PE, Cu 4 x 16 / 28 x 6 mm ²	250	24	25		0.184	1	6418677153044
CP220	Cover plate for DS version/slits	50	220	7		0.024	1	6418677176661
PEM222	Marker for DS version	34	216	0.5		0.002	1	6418677176678
KY6	Lock (for all versions)	21	15	15		0.022	1	6418677173431

Accessories for Enclosures and Panels

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Inspection window, PC IP 65

VMA2	For 2 modules, PC	67	59	30	28	0.056	1	6418677151170
VMA4	For 4 modules, PC	67	94	30	28	0.079	1	6418677151187
VMA6	For 6 modules, PC	67	130	30	28	0.105	1	6418677151194
VMA8	For 8 modules, PC	67	163	30	28	0.128	1	6418677151200
VMA10	For 10 modules, PC	67	200	30	28	0.159	1	6418677151217
VMA12	For 12 modules, PC	67	233	30	28	0.181	1	6418677151224
VMA1519	Opening: 113 x 153 mm, PC incl. screws	150	190	10	8	0.120	1	6418677174193

Ventilation device

VDRI18	IP 43, PA	25	28	21		0.005	10	6418677151231
VDRI29	IP 43, PA	30.5	69	21		0.064	1	6418677151248
BPA10H	IP68, PA, grey, 120 l/h	19	19	17	17	0.003	1	6418677184314
BPA10HB	IP68, PA, black, 120 l/h	19	19	17	17	0.003	1	6418677184321
BSS10S	IP68, AISI 304, 16 l/h	19	19	21	19	0.021	1	6418677184307
BSS10H	IP68, AISI 304, 120 l/h	19	19	21	19	0.021	1	6418677184963

Drain water plug, black

DWP1	IP 44/Rubber Ø 33 mm	33	21	11		0.003	10	6418677172731
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Accessories for panels

Flanges



PMR331	Membrane flange for steel enclosures, size F2	79	210	28		0.081	10	6418677163555
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Socket joint

PMR54.20	For cable Ø 9-13 mm, grey plastic	Ø 26 x 17				0.001	50	6418677163579
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Connection muffles



PMR904	For 16 mm plastic conduit, blue	20/Ø 16 x 32				0.017	50	6418677163586
PMR900.1	For 20 mm plastic conduit, white	23/Ø 20 x 32				0.026	50	6418677163593
PMR901.1	For 24 mm plastic conduit, green	28/Ø 25 x 32				0.0034	50	6418677163609
PMR902.1	For 32 mm plastic conduit, blue	33/Ø 2 x 32				0.0047	50	6418677163616
PMR743	For 40 mm plastic conduit, blue	46/Ø 40 x 32				0.008	50	6418677170478
PMR744	For 50 mm plastic conduit, green	60/Ø 50 x 34				0.0118	50	6418677170485
PMR16	For 16 mm plastic conduit, blue	24/Ø 16 x 41				0.034	50	6418677163647
PMR20	For 20 mm plastic conduit, white	23/Ø 20 x 42				0.0052	50	6418677163654

Connection muffles for Al conduits

KP5.36	For Ø 40 mm					0.034	25	6418677163661
KP6.36	For Ø 50 mm					0.0452	25	6418677163678

Wiring plugs



PMR70.1612	Cable lead-through 16 mm 12 ea.	Ø/ø 20/16 mm				0.0070	5	6418677163784
PMR70.2012	Cable lead-through 20 mm 12 ea.	Ø/ø 22/20 mm				0.0100	5	6418677163791
PMR70.25	Cable lead-through 25 mm	Ø/ø 30/25 mm				0.0013	100	6418677163708
PMR70.32	Cable lead-through 32 mm	Ø/ø 37/32 mm				0.0018	100	6418677163715

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Panel accessories

PMR30	Cover for kWh opening	39	110	4		0.001	10	6418677166723
PMR1387	Plug for cover panel, Ø 6 mm hole	20	31	6		0.0018	10	6418677166730
PME1	Cover plate, W = 45 mm L = 2 m (PVC)	50	2000	7		0.3311	1	6418677166747

Locking device



KY2.15	Plastic latch, 15 mm closing space	Ø 23 x 26				0.0093	10	6418677166754
KY3	Delta wrench	20 x 50 x 22				0.009	10	6418677166761
KY3.10	Triangular wrench, lockable. Δ 11 mm	20 x 50 x 22				0.0336	10	6418677166778
ST80/U	Triangular key, Δ 11 mm	34 x 52 x 16				0.026	10	6418677170430
KY4	Metal latch, 18 mm closing space	Ø 28 x 31				0.073	10	6418677166785

Fixing screws



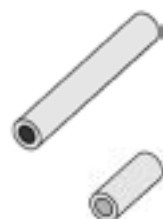
KY1.20	Fixing screw for kWh meter	M5 x 22				0.0064	100	6418677166792
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Sealing screw



PTK14	M4 x 10/16 mm	L = 16 mm				0.0024	100	6418677166808
PTK13	M4 x 16/22 mm	L = 22 mm				0.0023	100	6418677166815
PTK11	M4 x 20/25 mm	L = 25 mm				0.0097	100	6418677166822
PLE152	F4.2 x 16/21 mm	L = 21 mm				0.0021	100	6418677166839

Distance bushings, aluminium, Ø 10 mm



PSK36.025	L = 2.5 mm	10	10	2.5		0.0003	100	6418677166891
PSK36.050	L = 5.0 mm	10	10	5		0.0005	100	6418677166907
PSK36.085	L = 8.5 mm	10	10	8.5		0.001	100	6418677166914
PSK36.100	L = 10.0 mm	10	10	10		0.0011	100	6418677166921
PSK36.120	L = 12.0 mm	10	10	12		0.0012	50	6418677166938
PSK36.150	L = 15.0 mm	10	10	15		0.0018	50	6418677166945
PSK36.200	L = 20.0 mm	10	10	20		0.002	50	6418677166952
PSK36.250	L = 25.0 mm	10	10	25		0.0025	50	6418677166969
PSK36.300	L = 30.0 mm	10	10	30		0.0031	50	6418677166976
PSK36.350	L = 35.0 mm	10	10	35		0.0036	25	6418677166983
PSK36.400	L = 40.0 mm	10	10	40		0.0041	25	6418677166990
PSK36.450	L = 45.0 mm	10	10	45		0.0053	25	6418677166003
PSK36.500	L = 50.0 mm	10	10	50		0.0061	25	6418677166010

Cable Glands

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Cable gland, Pg thread

Cable gland, brass, IP68 incl. O ring/strain relief



KT3.07	Pg7, cable Ø 3-6,5 mm, TL 6 mm	0.0100	10	6418677168000
KT3.09	Pg9, cable Ø 4-8 mm, TL 6 mm	0.0150	10	6418677168017
KT3.11	Pg11, cable Ø 5-10 mm, TL 6 mm	0.0193	10	6418677168239
KT3.13	Pg13.5, cable Ø 6-12 mm, TL 6.5 mm	0.0249	15	6418677168246
KT3.16	Pg16, cable Ø 10-14 mm, TL 6.5 mm	0.0385	15	6418677168253
KT3.21	Pg21, cable Ø 13-18 mm, TL 7 mm	0.0606	20	6418677168260
KT3.29	Pg29, cable Ø 18-25 mm, TL 8 mm	0.0830	15	6418677168277
KT3.36	Pg36, cable Ø 22-32 mm, TL 10 mm	0.0980	10	6418677168086
KT3.42	Pg42, cable Ø 30-38 mm, TL 12 mm	0.1100	3	6418677168093
KT3.48	Pg48, cable Ø 34-44 mm, TL 14 mm	0.1500	3	6418677168109

Sealing plug, brass



PT34.07	Pg7	0.0030	5	6418677168697
PT34.09	Pg9	0.0048	5	6418677168628
PT34.11	Pg11	0.0085	5	6418677168635
PT34.13	Pg13.5	0.0092	7	6418677168642
PT34.16	Pg16	0.0125	7	6418677168659
PT34.21	Pg21	0.0201	10	6418677168666
PT34.29	Pg29	0.0367	7	6418677168673
PT34.36	Pg36	0.0547	5	6418677168680
PT34.42	Pg42	0.0650	3	6418677168703
PT34.48	Pg48	0.0780	3	6418677168710

Counter nut, brass



PT29.07	Pg7	0.0024	10	6418677158698
PT29.09	Pg9	0.0027	10	6418677158704
PT29.11	Pg11	0.0039	10	6418677158711
PT29.13	Pg13.5	0.0046	15	6418677158728
PT29.16	Pg16	0.0061	15	6418677158735
PT29.21	Pg21	0.0085	20	6418677158742
PT29.29	Pg29	0.0124	15	6418677158759
PT29.36	Pg36	0.0182	10	6418677158766
PT29.42	Pg42	0.0330	3	6418677158773
PT29.48	Pg48		3	6418677158780

Change-over nipple, brass



PT50.2516	M25 → Pg16	0.0212	10	6418677158840
PT50.3221	M32 → Pg21	0.0196	10	6418677168857
PT50.4029	M40 → Pg29	0.0223	10	6418677168864
PT50.5036	M50 → Pg36	0.0257	10	6418677168871

General conduit fitting for pipes, brass



KP1.090	Pg9 → Ø 16 mm	0.0180	15	6418677158888
KP1.110	Pg11 → Ø 16 mm	0.0195	20	6418677168895
KP1.120	Pg11 → Ø 20 mm	0.0218	20	6418677168901
KP1.130	Pg13.5 → Ø 20 mm	0.0255	20	6418677168918
KP1.160	Pg16 → Ø 22 mm	0.0293	20	6418677158925
KP1.170	Pg16 → Ø 25 mm	0.0457	20	6418677168932
KP1.210	Pg21 → Ø 29 mm	0.0552	15	6418677168949
KP1.220	Pg21 → Ø 32 mm	0.0669	15	6418677168956
KP1.290	Pg29 → Ø 40 mm	0.0950	5	6418677168963
KP1.360	Pg36 → Ø 50 mm	0.1468	5	6418677168970

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Conduit fitting for stuffing, brass



KP4.1509	Pg9 → Ø 16 mm					0.0274	15	6418677168987
KP4.1811	Pg11 → Ø 19 mm					0.0333	20	6418677169007
KP4.1813	Pg13.5 → Ø 19 mm					0.0311	20	6418677169014
KP4.2216	Pg16 → Ø 23 mm					0.0425	20	6418677169021
KP4.2821	Pg21 → Ø 29 mm					0.0681	15	6418677169038
KP4.3729	Pg29 → Ø 38 mm					0.1048	5	6418677169045
KP4.4736	Pg36 → Ø 48 mm					0.1544	5	6418677169052

Cable gland, grey polyamide, incl. strain relief



KT24.07	Pg7, cable Ø 3-6 mm, TL 8 mm					0.0038	10	6418677170836
KT24.09	Pg9, cable Ø 4-8 mm, TL 8 mm					0.0065	15	6418677170843
KT24.11	Pg11, cable Ø 5-10 mm, TL 8 mm					0.0095	20	6418677170850
KT24.13	Pg13.5, cable Ø 6-12 mm, TL 9 mm					0.0110	20	6418677170867
KT24.16	Pg16, cable Ø 10-13 mm, TL 10 mm					0.0144	20	6418677170874
KT24.21	Pg21, cable Ø 13-18 mm, TL 11 mm					0.0236	15	6418677170881
KT24.29	Pg29, cable Ø 18-25 mm, TL 11 mm					0.0471	5	6418677170898
KT24.36	Pg36, cable Ø 22-31 mm, TL 13 mm					0.0826	5	6418677170904
KT24.42	Pg42, cable Ø 30-38 mm, TL 13 mm					0.1079	3	6418677170911
KT24.48	Pg48, cable Ø 34-44 mm, TL 14 mm					0.1194	2	6418677170928

Counter nut, grey polyamide



PMR444.07	Pg7					0.0012	10	6418677170935
PMR444.09	Pg9					0.0014	15	6418677170942
PMR444.11	Pg11					0.0015	20	6418677170959
PMR444.13	Pg13.5					0.0022	20	6418677170966
PMR444.16	Pg16					0.0028	20	6418677170973
PMR444.21	Pg21					0.0040	15	6418677170980
PMR444.29	Pg29					0.0062	5	6418677170997
PMR444.36	Pg36					0.0128	5	6418677171000
PMR444.42	Pg42					0.0132	3	6418677171017
PMR444.48	Pg48					0.0144	2	6418677171024

Cover (blind) plug, grey polyamide



PMR442.07	Pg7					0.0010	7	6418677169960
PMR442.09	Pg9					0.0010	7	6418677169403
PMR442.11	Pg11					0.0020	10	6418677169410
PMR442.13	Pg13.5					0.0024	10	6418677169427
PMR442.16	Pg16					0.0026	10	6418677169434
PMR442.21	Pg21					0.0040	7	6418677169441
PMR442.29	Pg29					0.0060	5	6418677169458
PMR442.36	Pg36					0.0110	4	6418677169465

Reduction nipple, grey polyamide



PMR439.111	Pg11 → Pg9					0.0010	15	6418677169472
PMR439.131	Pg13.5 → Pg11					0.0030	20	6418677169489
PMR439.161	Pg16 → Pg9					0.0030	15	6418677169496
PMR439.162	Pg16 → Pg11					0.0030	20	6418677169502
PMR439.211	Pg21 → Pg11					0.0040	20	6418677169519
PMR439.212	Pg21 → Pg16					0.0050	20	6418677169526
PMR439.291	Pg29 → Pg16					0.0080	20	6418677169533
PMR439.292	Pg29 → Pg21					0.0090	15	6418677169540
PMR439.361	Pg36 → Pg29					0.0140	5	6418677169557

Expansion nipple, grey polyamide



PMR440.094	Pg9 → Pg11					0.0030	20	6418677169564
PMR440.114	Pg11 → Pg16					0.0040	20	6418677169571
PMR440.134	Pg13.5 → Pg16					0.0050	20	6418677169588
PMR440.164	Pg16 → Pg21					0.0070	15	6418677169595
PMR440.214	Pg21 → Pg29					0.0120	5	6418677169601
PMR440.294	Pg29 → Pg36					0.0260	5	6418677169618

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Cable gland, black polyamide, incl. strain relief

KT24.07/BLACK	Pg7, cable Ø 2-5 mm					0.0038	10	6418677158803
KT24.09/BLACK	Pg9, cable Ø 2-6 mm					0.0065	15	6418677158810
KT24.11/BLACK	Pg11, cable Ø 3-7 mm					0.0095	20	6418677158827
KT24.13/BLACK	Pg13.5, cable Ø 5-9 mm					0.0110	20	6418677158834
KT24.16/BLACK	Pg16, cable Ø 7-12 mm					0.0144	20	6418677158841
KT24.21/BLACK	Pg21, cable Ø 9-16 mm					0.0236	15	6418677158858
KT24.29/BLACK	Pg29, cable Ø 12-20 mm					0.0471	5	6418677158865
KT24.36/BLACK	Pg36, cable Ø 20-26 mm					0.0826	5	6418677158872
KT24.42/BLACK	Pg42, cable Ø 25-31 mm					0.1079	3	6418677158889
KT24.48/BLACK	Pg48, cable Ø 29-35 mm					0.1194	2	6418677158896

Rubber grommet, IP 67



SET5-7H	For cable Ø 5-7 mm, hole Ø 16 mm					0.0040	20	6416031055072
SET7-10H	For cable Ø 7-10 mm, hole Ø 19 mm					0.0054	20	6416031055102
SET10-14H	For cable Ø 10-14 mm, hole Ø 23 mm					0.0609	20	6416031055140
SET14-20H	For cable Ø 14-20 mm, hole Ø 29 mm					0.0110	10	6416031055201
SET20-26H	For cable Ø 20-26 mm, hole Ø 38 mm					0.0217	10	6416031055263
SET26-32H	For cable Ø 26-32 mm, hole Ø 48 mm					0.0346	5	6416031055324

Cable glands, metric thread

Cable gland, grey polyamide with strain relief, IP 68



KTM24.12	Cable Ø 3-6.5 mm, TL 8 mm	M12				0.0033	20	6416031851124
KTM24.16	Cable Ø 5-10 mm, TL 10 mm	M16				0.0064	20	6416031851162
KTM24.16L	Cable Ø 5-10 mm, TL 15 mm	M16				0.0066	20	6418677171062
KTM24.20	Cable Ø 10-14 mm, TL 10 mm	M20				0.0092	20	6416031851209
KTM24.20L	Cable Ø 10-14 mm, TL 15 mm	M20				0.0095	20	6418677171079
KTM24.25	Cable Ø 13-18 mm, TL 10 mm	M25				0.0156	15	6416031851254
KTM24.25L	Cable Ø 13-18 mm, TL 15 mm	M25				0.0163	15	6418677171086
KTM24.32	Cable Ø 18-25 mm, TL 18 mm	M32				0.0256	10	6416031851322
KTM24.40	Cable Ø 22-32 mm, TL 18 mm	M40				0.0440	5	6416031851407
KTM24.50	Cable Ø 30-38 mm, TL 18 mm	M50				0.0680	3	6416031851506
KTM24.63	Cable Ø 34-44 mm, TL 18 mm	M63					2	6418677171031

Counter nut, grey polyamide

PMR1218.12		M12				0.0010	20	6416031859120
PMR1218.16		M16				0.0015	20	6416031859168
PMR1218.20		M20				0.0022	20	6416031859205
PMR1218.25		M25				0.0030	15	6416031859250
PMR1218.32		M32				0.0059	10	6416031859328
PMR1218.40		M40				0.0098	5	6416031859403
PMR1218.50		M50				0.0123	3	6416031859502
PMR1218.63		M63					2	6418677171048

Blind plug, grey polyamide



PMR1217.12		M12				0.0010	10	6416031853128
PMR1217.16		M16				0.0015	10	6416031853166
PMR1217.20		M20				0.0020	10	6416031853203
PMR1217.25		M25				0.0025	7	6416031853258
PMR1217.32		M32				0.0030	5	6416031853326
PMR1217.40		M40				0.0035	4	6416031853401
PMR1217.50		M50				0.0040	3	6416031853500
PMR1217.63		M63					2	6418677171055

Expansion nipple, grey polyamide



PMR1220.1216	M12 → M16	M12				0.0031	20	6416031856129
PMR1220.1620	M16 → M20	M16				0.0039	100	6416031856167
PMR1220.2025	M20 → M25	M20				0.0063	20	6416031856204
PMR1220.2532	M25 → M32	M25				0.0097	15	6416031856259
PMR1220.3240	M32 → M40	M32				0.0129	5	6416031856327

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Expansion nipple, grey polyamide, metric to Pg



PMR1221.1209	M12 → Pg9	M12				0.0031	15	6416031855122
PMR1221.1609	M16 → Pg9	M16				0.0031	15	6416031855160
PMR1221.2011	M20 → Pg11	M20				0.0031	20	6416031855207
PMR1221.2013	M20 → Pg13.5	M20				0.0031	20	6416031855214
PMR1221.2516	M25 → Pg16	M25				0.0060	20	6416031855252
PMR1221.2521	M25 → Pg21	M25				0.0090	15	6416031855269
PMR1221.3229	M32 → Pg29	M32				0.0090	15	6416031855320
PMR1221.4029	M40 → Pg29	M40				0.0090	5	6416031855405
PMR1221.5036	M50 → Pg36	M50				0.0090	5	6416031855504
PMR1221.5042	M50 → Pg42	M50				0.0129	3	6416031855511
PMR1221.6348	M63 → Pg48	M63				0.0129	2	6416031855634

Reduction nipple, grey polyamide



PMR1219.1612	M16 → M12	M16				0.003	20	6416031854163
PMR1219.2012	M20 → M12	M20				0.004	20	6416031854200
PMR1219.2016	M20 → M16	M20				0.003	20	6416031854217
PMR1219.2512	M25 → M12	M25				0.008	20	6416031854255
PMR1219.2516	M25 → M16	M25				0.007	20	6416031854262
PMR1219.2520	M25 → M20	M25				0.005	20	6416031854279
PMR1219.3216	M32 → M16	M32				0.011	20	6416031854330
PMR1219.3220	M32 → M20	M32				0.010	20	6416031854347
PMR1219.3225	M32 → M25	M32				0.010	15	6416031854354
PMR1219.4020	M40 → M20	M40				0.017	20	6416031854415
PMR1219.4025	M40 → M25	M40				0.019	15	6416031854422
PMR1219.4032	M40 → M32	M40				0.014	10	6416031854439
PMR1219.5025	M50 → M25	M50				0.021	15	6416031854514
PMR1219.5032	M50 → M32	M50				0.021	10	6416031854521
PMR1219.5040	M50 → M40	M50				0.021	5	6416031854538
PMR1219.6332	M63 → M32	M63				0.030	10	6416031854644
PMR1219.6340	M63 → M40	M63				0.030	5	6416031854651
PMR1219.6350	M63 → M50	M63				0.033	3	6416031854668

Cable gland, brass with strain relief incl. O ring, IP 68



KTM12.12	for cable ø 3-6.5 mm	M12				0.012	10	6416031812125
KTM12.16	for cable ø 4-8 mm	M16				0.016	10	6416031812163
KTM12.20	for cable ø 6-12 mm	M20				0.031	15	6416031812200
KTM12.25	for cable ø 10-14 mm	M25				0.043	10	6416031812255
KTM12.32	for cable ø 13-18 mm	M32				0.072	10	6416031812323
KTM12.40	for cable ø 18-25 mm	M40				0.122	5	6416031812408
KTM12.50	for cable ø 22-32 mm	M50				0.227	3	6416031812507
KTM12.6332	for cable ø 34-44 mm	M63				0.303	2	6416031812637

Counter nut, brass



PTK16.12		M12				0.002	10	6416031813122
PTK16.16		M16				0.003	10	6416031813160
PTK16.20		M20				0.005	15	6416031813207
PTK16.25		M25				0.009	10	6416031813252
PTK16.32		M32				0.011	10	6416031813320
PTK16.40		M40				0.025	5	6416031813405
PTK16.50		M50				0.032	3	6416031813504
PTK16.63		M63				0.057	2	6416031813634

Cover (blind) plug, brass



PTK17.12	5 mm	M12				0.006	5	6416031814129
PTK17.16	6 mm	M16				0.009	5	6416031814167
PTK17.20	6.5 mm	M20				0.014	7	6416031814204
PTK17.25	7 mm	M25				0.027	5	6416031814259
PTK17.32	8 mm	M32				0.041	5	6416031814327
PTK17.40	8 mm	M40				0.058	4	6416031814402
PTK17.50	9 mm	M50				0.130	3	6416031814501
PTK17.63	10 mm	M63				0.189	2	6416031814631

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Reduction nipple, brass M → M



PTK18.1612	M16 → M12	M16			0.003	10	6416031815164
PTK18.2012	M20 → M12	M20			0.004	10	6416031815201
PTK18.2016	M20 → M16	M20			0.003	10	6416031815218
PTK18.2516	M25 → M16	M25			0.007	10	6416031815256
PTK18.2520	M25 → M20	M25			0.005	15	6416031815263
PTK18.3220	M32 → M20	M32			0.010	15	6416031815324
PTK18.3225	M32 → M25	M32			0.010	10	6416031815331
PTK18.4025	M40 → M25	M40			0.019	10	6416031815409
PTK18.4032	M40 → M32	M40			0.014	10	6416031815416
PTK18.5032	M50 → M32	M50			0.021	10	6416031815508
PTK18.5040	M50 → M40	M50			0.021	5	6416031815515
PTK18.6340	M63 → M40	M63			0.030	5	6416031815638
PTK18.6350	M63 → M50	M63			0.033	3	6416031815645

Expansion nipple, brass M → M



PTK19.1216	M12 → M16	M12			0.011	10	6416031816123
PTK19.1620	M16 → M20	M16			0.015	15	6416031816161
PTK19.2025	M20 → M25	M20			0.022	10	6416031816208
PTK19.2532	M25 → M32	M25			0.028	10	6416031816253
PTK19.3240	M32 → M40	M32			0.055	5	6416031816321
PTK19.4050	M40 → M50	M40			0.102	3	6416031816406
PTK19.5063	M50 → M63	M50			0.132	2	6416031816505

Reduction nipple, brass M → Pg



PTK20.1607	M16 → Pg7	M16			0.005	10	6416031821165
PTK20.2009	M20 → Pg9	M20			0.011	10	6416031821202
PTK20.2511	M25 → Pg11	M25			0.019	10	6416031821264
PTK20.2513	M25 → Pg13.5	M25			0.015	15	6416031821271
PTK20.3216	M32 → Pg16	M32			0.039	15	6416031821332
PTK20.3221	M32 → Pg21	M32			0.017	20	6416031821349
PTK20.4021	M40 → Pg21	M40			0.069	20	6416031821417
PTK20.4029	M40 → Pg29	M40			0.025	15	6416031821424
PTK20.5029	M50 → Pg29	M50			0.112	15	6416031821516
PTK20.5036	M50 → Pg36	M50			0.040	10	6416031821523
PTK20.6336	M63 → Pg36	M63			0.170	10	6416031821646
PTK20.6342	M63 → Pg42	M63			0.104	3	6416031821653

Expansion nipple, brass M → Pg



PTK21.1209	M12 → Pg9	M12			0.009	10	6416031822124
PTK21.1611	M16 → Pg11	M16			0.010	10	6416031822162
PTK21.2016	M20 → Pg16	M20			0.016	15	6416031822209
PTK21.2521	M25 → Pg21	M25			0.024	20	6416031822254
PTK21.3229	M32 → Pg29	M32			0.045	15	6416031822322
PTK21.4036	M40 → Pg36	M40			0.083	10	6416031822407
PTK21.5042	M50 → Pg42	M50			0.103	3	6416031822506
PTK21.5048	M50 → Pg48	M50			0.155	2	6416031822513

Ensto Cubo 19" Cabinets

PG 5280

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

19" floor standing cabinets, removable side panels, incl. plinth H = 100 mm

OD6206A	Solid door, 42U	661	2056	641		89.00		6418677194719
OD6206AW	Window door, 42U	661	2056	641		87.00		6418677194733
OD6206AV	Solid door, fan included, 42U	661	2056	641		90.00		6418677194726
OD6206AWW	Window door, fan included, 42U	661	2056	641		88.00		6418677194740
OD8206A	Solid door	821	2056	641		96.00		6418677194757
OD8206AW	Window door, 42U	821	2056	641		94.00		6418677194764
OD8208A	Solid door, 42U	821	2056	841		111.00		6418677194771
OD8208AW	Window door, 42U	821	2056	841		109.00		6418677194788

19" floor standing cabinets, solid and integrated side panels

OD6206B	Solid door, stand alone cabinet, 42U	603	2056	641		72.00		6418677194702
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19" wall mounting cabinet

OD664A	12U	603	635	491		24.50		6418677194948
OD674A	15U	603	755	491		27.00		6418677194955
OD6104A	21U	603	995	491		32.50		6418677194962
OD6106A	21U	603	995	641		41.00		6418677194979

Open frame rack, 19"

ODMR3.9	Depth: 300 mm, 9U					5.70		6418677195068
ODMR4.9	Depth: 400 mm, 9U					6.60		6418677195075
ODMR4.15	Depth: 400 mm, 15U					7.10		6418677195082
ODMR4.21	Depth: 400 mm, 21U					7.80		6418677195099
ODMR4.27.3	Depth: 400 mm, with three wall fixing pieces, 27U					11.10		6418677195105
ODMR4.42.3	Depth: 400 mm, with three wall fixing pieces, 42U					17.90		6418677195112

Cable management panel 19"

ODWH.1U	1U					0.40		6418677194795
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Optical fibre panel 19" incl. cage nuts and mounting screws, excl. connectors

ODSC1.24	SC-single, 24 openings, adjustable mounting depth, 2U					4.80		6418677194801
ODSC2.25	SC-duplex, 25 openings, adjustable mounting depth, 2U					4.80		6418677194818
ODSC2.12	SC-duplex, 12 openings, adjustable mounting depth, 2U					4.80		6418677194825
ODFOH.1	Holder for optical fibre connection					0.05		6418677194931

Patch panel RJ-45. 16 openings, incl. cage nuts and mounting screws, excl. connectors

ODP16.1	RJ-45, 16 openings, for AMP/BrandRex connectors, 1U					0.42		6418677194832
ODP16.2	RJ-45, 16 openings, for LEXCOM connectors, 1U					0.42		6418677194849
ODP16.3	RJ-45, 16 openings, for KRONE adapt, connectors, 1U					0.42		6418677194856
ODP16.4	RJ-45, 16 openings, for ECS, KRONE, Hellerman Tyton connectors, 1U					0.42		6418677194863

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs		EAN 13 code
		W	H	D					

Patch panel RJ-45, 32 openings, incl. cage nuts and mounting screws, excl. connectors

ODP32.1	RJ-45, 32 openings, for AMP/BrandRex connectors, 2U					0.66			6418677194870
ODP32.2	RJ-45, 32 openings, for LEXCOM connectors, 2U					0.66			6418677194887
ODP32.3	RJ-45, 32 openings, for KRONE adapt, connectors, 2U					0.66			6418677194894
ODP32.4	RJ-45, 32 openings, for ECS, KRONE, Hellerman Tyton connectors, 2U					0.66			6418677194900

LSA+ mounting panel 19", incl. cage nuts and mounting screws

ODLSA.2	LSA+, 10 to 60 connectors, 2U	483 x 88 x 109				1.20			6418677194917
ODLSA.4	LSA+, 50 to 150 connectors, 4U	483 x 172 x 109				2.00			6418677194924

Other accessories

ODWP.4	Castors, 4 wheels/set, 2 are locking					1.10			6418677195129
ODAFP.4	Levelling feet, 4 ea/set					0.20			6418677195136
ODVP.1	Fan set					1.22			6418677195143
ODVP.3	Fan set, flank mounting, 3 fans/set					18.10			6418677195167
ODSS.1	Shelf with telescopic slide					5.40			6418677195174
ODES3.1	Static shelf, depth = 300 mm, 3U					2.20			6418677195181
ODES4.1	Static shelf, depth = 400 mm, 3U					2.70			6418677195198
ODSP6.2	6 sockets, Schuko, cable length 3 m, 2U					1.55			6418677195204
ODSP6.2S	6 sockets, Schuko, incl. switch, cable length 3 m, 2U					1.56			6418677195211
ODBP1	Blanking panel, 1U					0.35			6418677195242
ODBP2	Blanking panel, 2U					0.61			6418677195259
ODBP3	Blanking panel, 3U					0.82			6418677195266
ODBP4	Blanking panel, 4U					1.12			6418677195273

10" wall mounting cabinet

OD461A	Surface/flush mounting, 10U	400	600	125		14.50			6418677194986
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Accessories for 10" wall mounting cabinets

ODP12.3	Patch panel, RJ-45 + D17, 12 openings, 2U					0.70			6418677195020
ODPSC.1	Optical fibre panel for patch panel, DC22 SC duplex with 2 openings, 1U	277 x 44 x 35				0.15			6418677195044
ODLSAMB.1	Mounting panel for patch panel, LSA+, For 20 connectors	105 x 43 x 42				0.04			6418677195051

StepBox Electronic Enclosures

Ordering number	Description	Dimensions			Inner depth mm	Weight each kg	Standard package pcs		EAN 13 code
		W	H	D					

StepBox electronic enclosures

APSK131808	Instrumental compartment without cover, IP 40	130	180	78		0.391	1		6418677163982
APSK131810T	Instrumental compartment, transparent cover, IP 54	130	180	98		0.488	1		6418677163999
APSK131810	Instrumental compartment without cover, IP 40	130	180	96		0.430	1		6418677164002
APSK131812T	Instrumental compartment, transparent cover, IP 54	130	180	116		0.522	1		6418677164019
APSK171607	Instrumental compartment without cover, IP 40	165	155	69		0.385	1		6418677164026
APSK171609T	Instrumental compartment, transparent cover, IP 54	165	155	85		0.487	1		6418677164033
APSK171610	Instrumental compartment without cover, IP 40	165	155	96		0.446	1		6418677164040
APSK171611T	Instrumental compartment, transparent cover, IP 54	165	155	107		0.541	1		6418677164057
APSK211808	Instrumental compartment without cover, IP 40	213	180	80		0.581	1		6418677164064
APSK211810T	Instrumental compartment, transparent cover, IP 54	213	180	100		0.687	1		6418677164071
APSK262111	Instrumental compartment without cover, IP 40	257	214	108		0.944	1		6418677164088
APSK262113T	Instrumental compartment, transparent cover, IP 54	257	214	128		1.154	1		6418677164095
APSK302509	Instrumental compartment without cover, IP 40	295	250	86		1.018	1		6418677164101
APSK302511T	Instrumental compartment, transparent cover, IP 54	295	250	107		1.274	1		6418677164118
APSK302511	Instrumental compartment without cover, IP 40	295	250	107		1.101	1		6418677164125
APSK302513T	Instrumental compartment, transparent cover, IP 54	295	250	128		1.378	1		6418677164132

Front panel, aluminium

AFP1318A	125	125	1		0.041	1		6418677164149
AFP1716A	159	99	1		0.042	1		6418677164156
AFP2118A	206	119	1		0.066	1		6418677164163
AFP2621A	251	151	1		0.102	1		6418677164170
AFP3025A	288	188	1		0.146	1		6418677164187

Mounting plate, Pertinax

AMP1318	119	145	2		0.044	1		6418677164194
AMP1716	156	120	2		0.049	1		6418677164200
AMP2118	203	141	2		0.077	1		6418677164217
AMP2621	244	173	2.5		0.146	1		6418677164224
AMP3025	283	239	2.5		0.239	1		6418677164231

Accessories

AQRS1	Quick release screws for transparent covers				0.020	1		6418677163838
AFL1	Wall fastening lugs				0.045	1		6418677163845

Ensto Cubo All-in-One Enclosures and Enclosed Terminals

The Ensto Cubo selection also includes fully installation-ready enclosures. The enclosure package contains all components needed; mounting plates and mounting screws, for larger enclosures: membrane flanges with accessories, for smaller enclosures: cable glands, counter nuts and sealing plugs. The packages also comprise fastening lugs and installation instructions.

The Ensto Cubo T series comprises moreover also Ensto Clampo terminals. The products are displayed in racks at the wholesaler and distributor outlets. The handy packages are easy to collect; all the necessary installation supplies at a stroke!

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Installation-ready enclosures

SPCM131308G001	Cubo S1 incl. cable glands and wall mtg. lugs	125	125	75	60.5	0.446	1	6418677182303
SPCM131808G002	Cubo S2 incl. cable glands and wall mtg. lugs	125	175	75	60.5	0.619	1	6418677182310
SPCM182515G003	Cubo S3 incl. cable glands and wall mtg. lugs	175	250	150	135.5	1.392	1	6418677182327
TPM131308G001	Cubo T1, Cu 12 x 6 mm ²	125	125	75	60.5	0.474	1	6418677182372
TPCF203013G002	Cubo T2, Al/Cu 5 x 6-35 mm ²	200	300	132	115.0	1.862	1	6418677182389
TPCF304013G003	Cubo T3, Al/Cu 5 x 16-95 mm ²	300	400	132	115.0	3.319	1	6418677182396
TPCF304013G004	Cubo T4, Al/Cu 2 x (5 x 16-70 mm ²)	300	400	132	115.0	3.560	1	6418677182402
TPCF306013G005	Cubo T5, Al/Cu 2 x (5 x 35-150 mm ²)	300	600	132	115.0	5.769	1	6418677182419
WPCJ303013G001	Cubo W1 incl. flanges and wall mounting lugs	300	300	132	115.0	3.293	1	6418677182358
WPCF304013G002	Cubo W2 incl. flanges and wall mounting lugs	300	400	132	115.0	4.228	1	6418677182365
RPCF3313DS001	Cubo R1 for 12 modules. Incl. flanges, DIN rail and wall mtg. lugs	300	300	132	67.5/116	3.293	1	6418677182334
RPCF3413DS002	Cubo R2 for 24 modules. Incl. flanges, DIN rail and wall mtg. lugs	300	400	132	67.5/116	4.228	1	6418677182341
CPCF303013G001	Cubo C1, incl. flange and wall mounting lugs	300	300	132	115.0	2.820	1	6418677182549
CPCF304013G002	Cubo C2, incl. flange and wall mounting lugs	300	400	132	115.0	3.582	1	6418677182570

Installation-ready small modular enclosures

CUBEL011	All-in-one modular enclosure	222	210	95		0.790	1	6418677182594
CUBEL011KS25	All-in-one modular enclosure, incl. 25A switch	222	210	95		0.923	1	6418677181528
PMR54.20T	Socket joints, bag of 10 pcs					0.011	1	6418677163807

Accessories for installation-ready enclosures

F2202KIT	Flange set, F2202	84	215	40		0.323	1	6418677182556
F2GSS20T	Mounting kit for C bases, F2 size	200	250	15		0.0804	1	6418677181504
OLSH1.2	Hinged cover screws, pair, blue	130	170	15		0.017	1	6418677181511
OFPP33	Front panel, PE, RAL 7035	286	286	2		0.184	1	6418677182785
OFPP34	Front panel, PE, RAL 7035	286	386	2		0.240	1	6418677182792
KJ8.13	Strain relief for 1 cable, 300 mm side	65	265	85		0.463	1	6418677172755
KJ8.23	Strain relief for 2 cables, 300 mm side	65	265	85		0.602	1	6418677173271
F2CE.1T	Cable entry for 1 cable, F2 size	84	215	40		0.413	1	6418677181535

Sets, cable glands with strain reliefs and counter nuts, incl. one blind plug

KTM1.1	2 pcs M12, 3 pcs M16, 2 pcs M20	135	210	25		0.063	1	6418677173233
KTM2.1	3 pcs M16, 2 pcs M20, 2 pcs M25	135	210	30		0.094	1	6418677173240
KTM3.1	4 pcs M20, 2 pcs M25, 1 pcs M32	135	210	35		0.126	1	6418677173257

Ensto Compact Switches

Ensto Compact is a complete line of rotary switches,

AC 23: 16...80 A

AC 22: 16...125 A.

The complete Ensto Compact line is based on two frame sizes only: the article numbers beginning with KS are only two DIN modules wide (35 mm), from 16 A to 63 A; the article numbers KSM are three DIN modules wide with nominal currents 63 A...125 A.

The standard range also includes yellow 3-pole switches with red handle as well as direct door-mounted switches. The wide range of accessories includes additional poles, auxiliary contacts, handles and terminal shrouds.

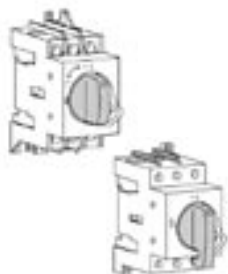
The Ensto Compact Industrial line includes large switches 160 A...3150 A.

PG 5021

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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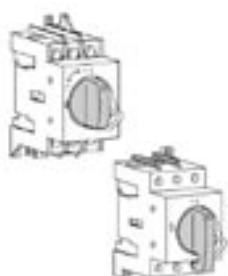
Panel and DIN rail mounted

3-pole with direct handle



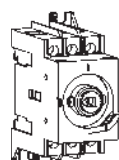
KS3.16	3 x 16 A	0.1330	50	6418677171345
KS3.20	3 x 20 A	0.1330	50	6418677171352
KS3.25	3 x 25 A	0.1330	50	6418677170003
KS3.32	3 x 32 A	0.1330	50	6418677171420
KS3.40	3 x 40 A	0.1330	50	6418677170010
KS3.63	3 x 63 A	0.1330	50	6418677170027
KSM3.63	3 x 63 A	0.2660	50	6418677169748
KSM3.80	3 x 80 A	0.2660	50	6418677169755
KSM3.100	3 x 100 A	0.2660	50	6418677169762
KSM3.125	3 x 125 A	0.2660	50	6418677169779

3-pole, yellow with red handle



KS3.16RY	3 x 16 A	0.1330	50	6418677171444
KS3.20RY	3 x 20 A	0.1330	50	6418677171451
KS3.25RY	3 x 25 A	0.1330	50	6418677171468
KS3.32RY	3 x 32 A	0.1330	50	6418677171475
KS3.40RY	3 x 40 A	0.1330	50	6418677171482
KS3.63RY	3 x 63 A	0.1330	50	6418677171499
KSM3.63RY	3 x 63 A	0.2660	50	6418677169847
KSM3.80RY	3 x 80 A	0.2660	50	6418677169854
KSM3.100RY	3 x 100 A	0.2660	50	6418677169861
KSM3.125RY	3 x 125 A	0.2660	50	6418677169878

3-pole without handle



KS31.16	3 x 16 A	0.1290	50	6418677171284
KS31.20	3 x 20 A	0.1290	50	6418677171291
KS31.25	3 x 25 A	0.1290	50	6418677171307
KS31.32	3 x 32 A	0.1290	50	6418677171314
KS31.40	3 x 40 A	0.1290	50	6418677171321
KS31.63	3 x 63 A	0.1290	50	6418677171338
KSM31.63	3 x 63 A	0.2600	50	6418677169700
KSM31.80	3 x 80 A	0.2600	50	6418677169717
KSM31.100	3 x 100 A	0.2600	50	6418677169724
KSM31.125	3 x 125 A	0.2600	50	6418677169731

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Accessories for panel or DIN rail mounted Ensto Compact switches

4th pole



KS1.16	16 A	0.0460	50	6418677171253
KS1.20	20 A	0.0460	50	6418677171260
KS1.25	25 A	0.0460	50	6418677170065
KS1.32	32 A	0.0460	50	6418677171277
KS1.40	40 A	0.0460	50	6418677170072
KS1.63	63 A	0.0460	50	6418677170089
KSM1.63	63 A	0.0950	50	6418677169786
KSM1.80	80 A	0.0950	50	6418677169793
KSM1.100	100 A	0.0950	50	6418677169809
KSM1.125	125 A	0.0950	50	6418677169816

Fixed neutral pole max. 63 A (KSN) or 125 A (KSMN)



KSN1	For KS3 and KS31 switches	0.042	50	6418677170126
KSMN1	For KSM switch	0.087	50	6418677169823

Fixed PE pole max. 63 A (KSP) or 125 A (KSMP)



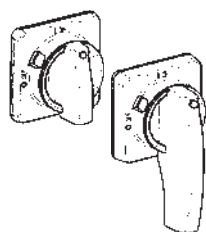
KSP1	For KS3 and KS31 switches	0.042	50	6418677170140
KSMP1	For KSM switch	0.087	50	6418677169830

Standard auxiliary contact



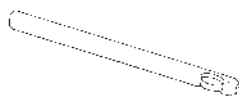
KSA1	NO+NC auxiliary contact 16 A for 16-125 A switches	0.051	50	6418677170164
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Handles



PMR241B	Small direct handle for KS switch	0.0052	100	6418677171437
PMR250B	Larger direct handle for KS switch	0.0057	100	6418677169908
PMR301B	Direct handle for KSM switch	0.0060	100	6418677169915
KSH29	Ext. handle, not padlockable, IP 54, black, 0/1	0.0327	100	6418677170188
KSH48	Ext.handle, padlockable, IP 65, R/Y, 0 OFF / 1 ON	0.0430	100	6418677170195
KSH48.2	Ext.handle, padlockable, IP 65, black, 0 OFF / 1 ON, no interlock	0.0430	100	6418677169953
KSH48.01	Ext.handle, padlockable, IP 65, black, 0 OFF / 1 ON	0.0430	100	6418677170201
KSH75	Pistol grip handle, padlockable, IP 65, black, 0 OFF / 1 ON	0.0700	50	6418677169885
KSH75RY	Pistol grip handle, padlockable, IP 65, R/Y, 0 OFF / 1 ON	0.0700	50	6418677169892

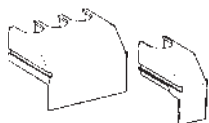
Extension shafts for KSH29, KSH48 and KSH75 handles



KS23.055	55 mm	0.0142	100	6418677170232
KS23.070	70 mm	0.0171	100	6418677170249
KS23.090	90 mm	0.0210	100	6418677170256
KS23.150	150 mm	0.0320	100	6418677170263
KS23.200	200 mm	0.0420	100	6418677170270
KS23.300	300 mm	0.0610	100	6418677170287

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Terminal shrouds



PMR121	For KS1 and KS11 poles	0.0040	100	6418677171598
PMR123	For KS3, KS31 and KS13 switch	0.0080	100	6418677171604
PMR111	For KSM1 pole	0.0060	100	6418677171611
PMR113	For KSM3 and KSM31 switch	0.0130	100	6418677171628

Terminal adapter

KK63	For connecting 16-63 A switch to MCBs, 3-pole	0.0330	1	6418677171635
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Parallel mechanism

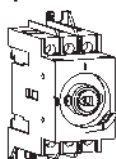
KK66	For mounting two KS or KSM switches to work simultaneously	0.0780	1	6418677171642
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Change-over mechanism

KK102.712	Change-over kit incl. shafts and black handle	0.2344	20	6418677169922
KK102.7RY12	Change-over kit incl. shafts and R/Y handle	0.2344	20	6418677169939

Direct door mounted

3-pole without handle



KS13.16	3 x 16 A	0.1490	50	6418677171161
KS13.20	3 x 20 A	0.1490	50	6418677171178
KS13.25	3 x 25 A	0.1490	50	6418677170034
KS13.32	3 x 32 A	0.1490	50	6418677171246
KS13.40	3 x 40 A	0.1490	50	6418677170041
KS13.63	3 x 63 A	0.1490	50	6418677170058

4th pole



KS11.16	16 A	0.0450	50	6418677171130
KS11.20	20 A	0.0450	50	6418677171147
KS11.25	25 A	0.0450	50	6418677170096
KS11.32	32 A	0.0450	50	6418677171154
KS11.40	40 A	0.0450	50	6418677170102
KS11.63	63 A	0.0450	50	6418677170119

Additional poles

KSN11	Fixed neutral pole, max 63 A	0.042	50	6418677170133
KSP11	Fixed PE pole, max 63 A	0.042	50	6418677170157
KSA11	NO+NC auxiliary contact 16 A	0.051	50	6418677170171

Handles



KSH48	Ext.handle, padlockable, IP 65, R/Y, 0 OFF / 1 ON	0.0430	100	6418677170195
KSH48.2	Ext.handle, padlockable, IP 65, black, 0 OFF / 1 ON, no interlock	0.0430	100	6418677169953
KSH48.01	Ext.handle, padlockable, IP 65, black, 0 OFF / 1 ON	0.0430	100	6418677170201

Terminal shrouds

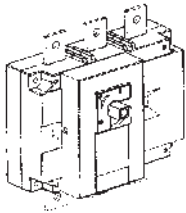


PMR121	For KS1 and KS11 poles	0.0040	100	6418677171598
PMR123	For KS3, KS31 and KS13 switch	0.0080	100	6418677171604

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Ensto Compact Industrial

3-pole without handle



KSL3.160	3 x 160 A	1.200	1	6418677190919
KSL3.200	3 x 200 A	1.700	1	6418677190926
KSL3.250	3 x 250 A	1.800	1	6418677190933
KSL3.315	3 x 315 A	3.200	1	6418677190940
KSL3.400	3 x 400 A	3.400	1	6418677190957
KSL3.630	3 x 630 A	3.300	1	6418677190964
KSH3.800	3 x 800 A	7.400	1	6418677190971
KSH3.1000	3 x 1000 A	9.900	1	6418677190988
KSH3.1250	3 x 1250 A	10.400	1	6418677190995
KSH3.1600	3 x 1600 A	15.400	1	6418677191008
KSH3.2000	3 x 2000 A	30.000	1	6418677191015
KSH3.2500	3 x 2500 A	31.000	1	6418677191022
KSH3.3150	3 x 3150 A	41.000	1	6418677191039

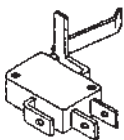
4-pole without handle



KSL4.160	4 x 160 A	1.400	1	6418677191046
KSL4.200	4 x 200 A	1.900	1	6418677191053
KSL4.250	4 x 250 A	2.000	1	6418677191060
KSL4.315	4 x 315 A	3.700	1	6418677191077
KSL4.400	4 x 400 A	3.900	1	6418677191084
KSL4.630	4 x 630 A	4.300	1	6418677191091
KSH4.800	4 x 800 A	9.400	1	6418677191107
KSH4.1000	4 x 1000 A	12.400	1	6418677191114
KSH4.1250	4 x 1250 A	12.900	1	6418677191121
KSH4.1600	4 x 1600 A	19.400	1	6418677191138
KSH4.2000	4 x 2000 A	39.000	1	6418677191145
KSH4.2500	4 x 2500 A	39.000	1	6418677191152
KSH4.3150	4 x 3150 A	48.000	1	6418677191169

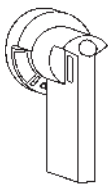
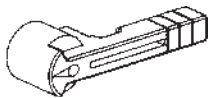
Accessories for Ensto Compact Industrial

Standard auxiliary contacts



KSA13.160	1st NO/NC auxiliary contact 16 A for 160-3150 A switches	0.025	1	6418677191176
KSA13.800	1st NO/NC auxiliary contact 16 A for 800-3150 A switches	0.025	1	6418677191183
KSA23.160	2nd NO/NC auxiliary contact 16 A for 160-3150 A switches	0.025	1	6418677191190
KSA23.800	2nd NO/NC auxiliary contact 16 A for 800-1350 A switches	0.025	1	6418677191206
KSA14.160	1st NO + NC auxiliary contact 16 A for 160-630 A switches	0.025	1	6418677191213
KSA14.315	1st NO + NC auxiliary contact 16 A for 315-630 A switches	0.025	1	6418677191220
KSA24.160	2nd NO + NC auxiliary contact 16 A for 160-630 A switches	0.025	1	6418677191237
KSA24.315	2nd NO + NC auxiliary contact 16 A for 315-630 A switches	0.025	1	6418677191244
KSA14.800	1st NO + NC auxiliary contact 16 A for 800-3150 A switches	0.025	1	6418677191251
KSA24.800	2nd NO + NC auxiliary contact 16 A for 800-3150 A switches	0.025	1	6418677191268

Handles



KSH160RY	Ext.handle, R/Y, for KSLx, 160-630 switch	0.2700	1	6418677191275
KSDH160RY	Direct handle, red, for KSLx, 160 switch	0.1500	1	6418677191282
KSDH250RY	Direct handle, red, for KSLx, 160-630 switch	0.1500	1	6418677191299
KSH800.1RY	Single arm, red handle for KSHx, 800-3150 switch	0.4000	1	6418677191305
KSH800.2RY	Double arm, red handle for KSHx, 800-3150 switch	0.5900	1	6418677191312
KSH160	Ext.handle, black, for KSLx, 160-630 switch	0.2700	1	6418677191329
KSDH160	Direct handle, black, for KSLx, 160 switch	0.1500	1	6418677191336
KSDH250	Direct handle, black, for KSLx, 250-630 switch	0.1500	1	6418677191343
KSH800.1	Single arm, black handle for KSHx, 800-3150 switch	0.4000	1	6418677191350
KSH800.2	Double arm, black handle for KSHx, 800-3150 switch	0.5800	1	6418677191367
KSH800	Door interlock for KSHx.800-3150 switch	0.3250	1	6418677191374

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Extension shafts



KSS160.120	120 mm for KSLx. 160-250 switch	0.0400	1		6418677191381
KSS315.120	120 mm for KSLx. 315-630 switch	0.0400	1		6418677191398
KSS160.200	200 mm for KSLx. 160-630 switch	0.1000	1		6418677191404
KSS160.320	320 mm for KSLx. 160-630 switch	0.2000	1		6418677191411
KSS800.200	200 mm for KSLx. 800-3150 switch	0.5300	1		6418677191428
KSS800.450	450 mm for KSLx. 800-3150 switch	0.9000	1		6418677191435

Terminal shrouds and covers

KSTCU3.160	Upper terminal cover for 3-pole 160 A switch	0.0800	1		6418677191442
KSTCU4.160	Upper terminal cover for 4-pole 160 A switch	0.1000	1		6418677191459
KSTCU3.250	Upper terminal cover for 3-pole 250 A switch	0.1250	1		6418677191466
KSTCU4.250	Upper terminal cover for 4-pole 250 A switch	0.1500	1		6418677191473
KSTCU3.630	Upper terminal cover for 3-pole 315-630 A switch	0.2250	1		6418677191480
KSTC4.630	Upper/lower terminal cover for 4-pole 315-630 A switch	0.2500	1		6418677191497
KSTCL3.160	Lower terminal cover for 3-pole 160 A switch	0.0800	1		6418677191503
KSTCL4.160	Lower terminal cover for 4-pole 160 A switch	0.1000	1		6418677191510
KSTCL3.250	Lower terminal cover for 3-pole 250 A switch	0.1250	1		6418677191527
KSTCL4.250	Lower terminal cover for 4-pole 250 A switch	0.1500	1		6418677191534
KSTCL3.630	Lower terminal cover for 3-pole 315-630 A switch	0.2250	1		6418677191541

Installation-ready Ensto Compact load break switches

KS3.40T	3 x 40 A, Load break switch including direct handle	0.1330	50		6418677180729
KS3.63T	3 x 63 A, Load break switch including direct handle	0.1330	50		6418677180170
KS1.63T	4th pole 63 A	0.0460	50		6418677180194
KSA1T	NO+NC auxiliary contact 16 A	0.051	50		6418677180187
KSH29.200T	Ext. handle, not padlockable, IP 54, 0/1, black and 200 mm shaft	0.0747	100		6418677180125

Ensto Origin Switches

The standard products of the Ensto Origin line are 3- and 4-pole rotary and toggle action switches, with nominal currents from 25 A to 100 A.

The wide range of accessories includes handles, auxiliary contacts, cover plates and direct door mounting kit for the rotary switches.

PG 5021

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Rotary switches



KSR3.25	3 x 25 A	0.1700	30	6418677180200
KSR3.32	3 x 32 A	0.1700	30	6418677180217
KSR3.40	3 x 40 A (former KK18)	0.1700	30	6418677180224
KSR3.63	3 x 63 A	0.2700	30	6418677180231
KSR3.80	3 x 80 A (former KK19)	0.2700	30	6418677180248
KSR3.100	3 x 100 A	0.2700	30	6418677180255
KSR4.32	4 x 32 A	0.2130	30	6418677180309
KSR4.40	4 x 40 A	0.2130	30	6418677180316
KSR4.63	4 x 63 A (former KK37)	0.2130	30	6418677180323

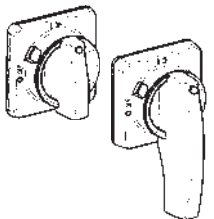
Toggle switches



KST3.25	3 x 25 A	0.1679	30	6418677180408
KST3.32	3 x 32 A	0.1679	30	6418677180415
KST3.40	3 x 40 A (former KK16)	0.1679	30	6418677180422
KST3.63	3 x 63 A	0.2600	30	6418677180439
KST3.80	3 x 80 A (former KK17)	0.2600	30	6418677180446
KST4.32	4 x 32 A	0.1900	30	6418677180507
KST4.40	4 x 40 A	0.1900	30	6418677180514
KST4.63	4 x 63 A (former KK36)	0.1900	30	6418677180521

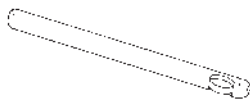
Accessories for Ensto Origin

External handles, to be used with an extension shaft



KSH29	Ext. handle, not padlockable, IP 54, black, 0/1	0.0327	100	6418677170188
KSH48	Ext.handle, padlockable, IP 65, R/Y, 0 OFF / 1 ON	0.0430	100	6418677170195
KSH48.2	Ext.handle, padlockable, IP 65, black, 0 OFF / 1 ON, no interlock	0.0430	100	6418677169953
KSH48.01	Ext.handle, padlockable, IP 65, black, 0 OFF / 1 ON	0.0430	100	6418677170201
KSH75	Pistol grip handle, padlockable, IP 65, black, 0 OFF / 1 ON	0.0700	50	6418677169885
KSH75RY	Pistol grip handle, padlockable, IP 65, R/Y, 0 OFF / 1 ON	0.0700	50	6418677169892

Extension shafts for KSH29, KSH48 and KSH75 handles



KK23.040	40 mm	0.0075	100	6418677180538
KK23.050	50 mm	0.0094	100	6418677180545
KK23.060	60 mm	0.0113	100	6418677180552
KK23.070	70 mm	0.0132	100	6418677180569
KK23.080	80 mm	0.0151	100	6418677180590
KK23.090	90 mm	0.0170	100	6418677180606
KK23.100	100 mm	0.0190	100	6418677180613
KK23.110	110 mm	0.0210	100	6418677180620
KK23.120	120 mm	0.0230	100	6418677180637
KK23.130	130 mm	0.0250	100	6418677180644
KK23.140	140 mm	0.0260	100	6418677180651
KK23.175	175 mm	0.0330	100	6418677180668
KK23.180	180 mm	0.0350	100	6418677180675
KK23.200	200 mm	0.0380	100	6418677180576
KK23.300	300 mm	0.0570	100	6418677180583

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Direct handles



KK57.18	Black/grey for KSR3.25-3.40	0.0157	100		6418677160325
KK57.19	Black/grey for KSR3.63-3.100	0.0160	100		6418677160332
KK57.37	Black/grey for KSR4.32-4.63	0.0183	100		6418677160349

Auxiliary contacts



KK38.1	Kit with NO aux.contact for KSR3.25-3.40	0.0300	100		6418677160721
KK39.1	Kit with NO aux.contact for KSR3.63-3.100	0.0330	100		6418677160738

Direct door mounting kit

KSRD3	Door mounting kit for KSR switch	0.0640	50		6418677180361
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Cover plate for toggle switches



PMR333.10	Grey, padlockable, DIN opening for KST3.25-3.40	0.0112	200		6418677160127
PMR334.10	Grey, padlockable, DIN opening for KST3.63-3.80	0.0131	200		6418677160165
PMR598	Grey, not padlockable, DIN opening for KST4.32-4.53	0.0067	250		6418677160172

Shaft retaining collar

KK20	Brass, for KSR switches	0.0115	100		6418677180378
KK25	Plastic, for KSR switches	0.0032	100		6418677180385

UL-listed Manual Motor Controllers

Our range also includes UL-listed controllers, UL File No. 164205. The products are listed according to UL 508, Manual Motor Controllers Suitable as Motor Disconnect.

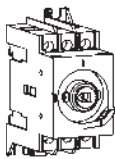
PG 5021

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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UL-listed Ensto Compact switches

Panel and DIN rail mounted

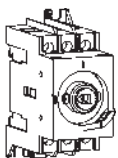
3-pole without handle



KS3.20/U	3 x 20 A, 480 VAC, Disconnect switch	0.1290	50	6418677159008
KS3.30/U	3 x 30 A, 480 VAC, Disconnect switch	0.1290	50	6418677159015

Direct door mounted

3-pole without handle



KS13.20/U	3 x 20 A, 480 VAC, Disconnect switch	0.1620	50	6418677159022
KS13.30/U	3 x 30 A, 480 VAC, Disconnect switch	0.1620	50	6418677159039

Accessories for UL-listed Ensto Compact switches

4th pole (for panel or DIN rail mounted switch)



KS1.20/U	20 A, 480 VAC	0.0460	50	6418677159046
KS1.30/U	30 A, 480 VAC	0.0460	50	6418677159053

4th pole (for direct door mounted switch)

KS11.20/U	20 A, 480 VAC	0.0450	50	6418677159060
KS11.30/U	30 A, 480 VAC	0.0450	50	6418677159077

Fixed neutral pole

KSN1/U	For KS3.20/U and KS3.30/U switches	0.0420	50	6418677159084
KSN11/U	For KS13.20/U and KS13.30/U switches	0.0420	50	6418677159091

Fixed PE pole

KSP1/U	For KS3.20/U and KS3.30/U switches	0.0420	50	6418677159107
KSP11/U	For KS13.20/U and KS13.30/U switches	0.0420	50	6418677159114

Auxiliary contacts



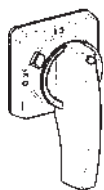
KSA1/U	NO+NC auxiliary contact 15 A, 120 VAC, Pilot Duty A300, for KS3 switches	0.0500	50	6418677159121
KSA11/U	NO+NC auxiliary contact 15 A, 120 VAC, Pilot Duty A300, for direct door mounted switches	0.0500	50	6418677159138

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Direct handles

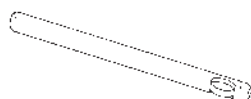
PMR241/U	Small direct handle, black	0.0052	100		6418677159145
PMR241B/U	Small direct handle, blue	0.0052	100		6418677159152
PMR241R/U	Small direct handle, red	0.0052	100		6418677159169
PMR250/U	Medium size direct handle, black	0.0057	100		6418677159176
PMR250B/U	Medium size direct handle, blue	0.0057	100		6418677159183
PMR250R/U	Medium size direct handle, red	0.0057	100		6418677159190
PMR301/U	Big direct handle, black	0.0060	100		6418677159206
PMR301B/U	Big direct handle, blue	0.0060	100		6418677159213
PMR301R/U	Big direct handle, red	0.0060	100		6418677159220

External handles, to be used with an extension shaft



KK29/U	Black, IP 54, not lockable, 0/1	0.0381	100		6418677190308
KSH48/U	Ext.handle, padlockable, R/Y, 0 OFF / 1 ON, Environmental type 4X and 13	0.0430	100		6418677190315
KSH48.01/U	Ext.handle, padlockable, black, 0 OFF / 1 ON, Environmental type 4X and 13	0.0430	100		6418677190322
KSH75/U	Pistol grip handle, black, padlockable, 0 OFF / 1 ON, Environmental type 4X and 12	0.0700	50		6418677190339
KSH75RY/U	Pistol grip handle, R/Y, padlockable, 0 OFF / 1 ON, Environmental type 4X and 12	0.0700	50		6418677190346
PMR716.1/U	Handle shaft guide replacement KSH48	0.0060	250		6418677190353

Extension shafts for KK29/U, KSH48/U and KSH75/U handles



KS23.040/U	40 mm	0.0114	100		6418677159237
KS23.050/U	50 mm	0.0133	100		6418677159244
KS23.055/U	55 mm	0.0142	100		6418677159251
KS23.060/U	60 mm	0.0152	100		6418677159268
KS23.070/U	70 mm	0.0171	100		6418677159275
KS23.090/U	90 mm	0.0210	100		6418677159282
KS23.110/U	110 mm	0.0250	100		6418677159299
KS23.150/U	150 mm	0.0320	100		6418677159312
KS23.180/U	180 mm	0.0390	100		6418677159329
KS23.200/U	200 mm	0.0420	100		6418677159336
KS23.300/U	300 mm	0.0610	100		6418677159343
KS23.305/U	305 mm	0.0620	100		6418677159350

Terminal covers

PMR121/U	For KS1.xx/U and KS11.xx/U poles	0.0040	100		6418677159367
PMR123/U	For KS3.xx/U and KS13.xx/U switches	0.0080	100		6418677159374

Shaft retaining collar

PMR249/U	Plastic, for Compact switches	0.0040	100		6418677159381
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Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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UL-listed Ensto Origin switches, panel and DIN rail mounted

Rotary switches without shaft retaining collar



KSR3.40/U	3 x 40 A, 600 VAC, disconnect switch	0.1700	30	6418677190001
KSR3.60/U	3 x 60 A, 480 VAC, disconnect switch	0.1700	30	6418677190018
KSR3.80/U	3 x 80 A, 600 VAC, disconnect switch	0.2680	30	6418677190025
KSR3.100/U	3 x 100 A, 480 VAC, disconnect switch	0.2680	30	6418677190032
KSR4.40/U	4 x 40 A, 480 VAC, disconnect switch	0.2050	30	6418677190056

Rotary switches with shaft retaining collar

KSR3.401/U	3 x 40 A, 600 VAC, disconnect switch	0.1800	30	6418677190070
KSR3.601/U	3 x 60 A, 480 VAC, disconnect switch	0.1800	30	6418677190087
KSR3.801/U	3 x 80 A, 600 VAC, disconnect switch	0.2800	30	6418677190094
KSR3.1001/U	3 x 100 A, 480 VAC, disconnect switch	0.2800	30	6418677190100
KSR4.401/U	4 x 40 A, 480 VAC, disconnect switch	0.2130	30	6418677190124
KSR3.1251/U	3 x 125 A, 600 VAC, controller only	0.2800	30	6418677190117

Rotary switches with shaft retaining collar (hex socket)

KSR3.402/U	3x40A, 600VAC, disconnect switch	0.1800	30	6418677190131
KSR3.602/U	3x60A, 480VAC, disconnect switch	0.1800	30	6418677190148
KSR3.802/U	3x80A, 600VAC, disconnect switch	0.2800	30	6418677190155
KSR3.1002/U	3x100A, 480VAC, disconnect switch	0.2800	30	6418677190162
KSR4.402/U	4x40A, 480VAC, disconnect switch	0.2130	30	6418677190179

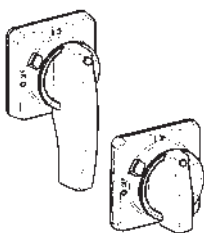
Toggle switches



KST3.40/U	3 x 40 A, 600 VAC, disconnect switch	0.1550	30	6418677190186
KST3.60/U	3 x 60 A, 480 VAC, disconnect switch	0.1550	30	6418677190193
KST3.80/U	3 x 80 A, 600 VAC, disconnect switch	0.2600	30	6418677190209
KST3.100/U	3 x 100 A, 480 VAC, disconnect switch	0.2600	30	6418677190216
KST4.40/U	4 x 40 A, 480 VAC, disconnect switch	0.1900	30	6418677190223

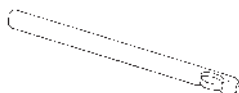
Accessories for UL-listed Ensto Origin switches

External handles



KK29/U	Black, IP 54, not lockable, 0/1	0.0381	100	6418677190308
KSH48/U	Ext.handle, padlockable, R/Y, 0 OFF / 1 ON, Environmental type 4X and 13	0.0430	100	6418677190315
KSH48.01/U	Ext.handle, padlockable, black, 0 OFF / 1 ON, Environmental type 4X and 13	0.0430	100	6418677190322
KSH75/U	Pistol grip handle, black, padlockable, 0 OFF / 1 ON, Environmental type 4X and 12	0.0700	50	6418677190339
KSH75RY/U	Pistol grip handle, R/Y, padlockable, 0 OFF / 1 ON, Environmental type 4X and 12	0.0700	50	6418677190346
PMR716.1/U	Handle shaft guide replacement KSH48	0.0060	250	6418677190353

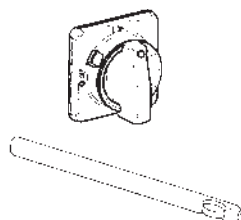
Extension shafts for KK29/U, KSH48/U and KSH75/U handles



KK31.040/U	40 mm	0.0075	100	6418677190360
KK31.050/U	50 mm	0.0094	100	6418677190377
KK31.055/U	55 mm	0.0103	100	6418677190384
KK31.060/U	60 mm	0.0113	100	6418677190391
KK31.070/U	70 mm	0.0132	100	6418677190407
KK31.080/U	80 mm	0.0151	100	6418677190414
KK31.090/U	90 mm	0.0170	100	6418677190421
KK31.100/U	100 mm	0.0190	100	6418677190438
KK31.105/U	105 mm	0.0200	100	6418677190445
KK31.110/U	110 mm	0.0210	100	6418677190452
KK31.120/U	120 mm	0.0230	100	6418677190476
KK31.130/U	130 mm	0.0250	100	6418677190483
KK31.140/U	140 mm	0.0260	100	6418677190490
KK31.150/U	150 mm	0.0280	100	6418677190506
KK31.170/U	170 mm	0.0320	100	6418677190827

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
KK31.175/U	175 mm	0.0330	100		6418677190513
KK31.180/U	180 mm	0.0350	100		6418677190520
KK31.200/U	200 mm	0.0380	100		6418677190537
KK31.300/U	300 mm	0.0570	100		6418677190544
KK31.305/U	305 mm	0.0580	100		6418677190551

Handle-kit, incl. shaft



KSH48.060RY/U	KSH48/U + KK31.060/U + KK20/U	0.0530	50		6418677190568
KSH48.150RY/U	KSH48/U + KK31.150/U + KK20/U	0.0700	50		6418677190575
KSH48.300RY/U	KSH48/U + KK31.300/U + KK20/U	0.0990	50		6418677190582
KSH48.060/U	KSH48.01/U + KK31.060/U + KK20/U	0.0530	50		6418677190599
KSH48.150/U	KSH48.01/U + KK31.150/U + KK20/U	0.0700	50		6418677190605
KSH48.300/U	KSH48.01/U + KK31.300/U + KK20/U	0.0990	50		6418677190612
KSH75.200RY/U	KSH75RY/U + KK31.200/U + KK290/U	0.1080	50		6418677190629
KSH75.200/U	KSH75/U + KK31.200/U + KK290/U	0.1080	50		6418677190636

Change-over mechanism

KK102.712/U	Change-over kit incl. shafts and black handle	0.2344	20		6418677190643
KK102.7RY12/U	Change-over kit incl. shafts and R/Y handle	0.2344	20		6418677190650

Auxiliary contacts



KK38.1/U	Kit without aux.contact for KSR3.40/U-KSR3.60/U	0.0210	100		6418677190667
KK38.2/U	Kit with aux.contact for KSR3.40/U-KSR3.60/U	0.0280	100		6418677190674
KK39.1/U	Kit without aux.contact for KSR3.80/U-KSR3.100/U	0.0240	100		6418677190681
KK39.2/U	Kit with aux.contact for KSR3.80/U-KSR3.100/U	0.0310	100		6418677190698

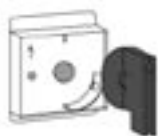
Direct door mounting kit

KSRD3	Door mounting kit for KSR switch	0.0640	50		6418677180361
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Shaft retaining collar

KK20/U	Brass, for KSR switches	0.0115	250		6418677190711
KK20.2/U	Brass, for KSR switches, Allen key screws	0.0115	250		6418677190728

Direct handles



KK57.18/U	Black/grey for KSR3.40/U-KSR3.60/U	0.0166	100		6418677190735
KK57.19/U	Black/grey for KSR3.80/U-KSR3.100/U	0.0181	100		6418677190742
KK57.37/U	Black/grey for KSR4.40/U	0.0192	100		6418677190759
KK57.182/U	Red/yellow for KSR3.40/U-KSR3.60/U	0.0179	100		6418677190766
KK57.192/U	Red/yellow for KSR3.80/U-3.100/U	0.0192	100		6418677190773
KK57.372/U	Red/yellow for KSR4.40/U	0.0199	100		6418677190780

Cover plate for toggle switch



PMR333.10/U	Grey, padlockable, DIN opening for KST3.40/U-KST3.60/U	0.0112	100		6418677190797
PMR334.10/U	Grey, padlockable, DIN opening for KST3.80/U-KST3.100/U	0.0131	100		6418677190803
PMR598/U	Grey, not padlockable, DIN opening for KST4.40/U	0.0067	100		6418677190810

Enclosed Switches, IP 65

The article number of the enclosed switches tells that they are made of polycarbonate (KKPC), after that follows information about number of poles and rated current. Further symbols give additional information (colour, auxiliary contact, N/PE terminal).

The standard model of small enclosed switches have metric knock-outs, larger enclosed switches have as standard plain sides. Models with Pg or flange knock-outs are also available.

PG 5016

Ordering number	Description	Dimensions mm			Weight each kg	Standard package pcs	EAN 13 code
		W	H	D			

16 A, with metric knock-outs



KKPC3.16BNM	Black handle, 3-pole + N + PE, M20 threaded knock-out	86	133	104	0.3550	6	6418677153846
KKPC3.16BAM	Black handle, 3-pole + N + PE + A, M20 threaded knock-out	86	133	104	0.4070	6	6418677153860
KKPC3.16BNR	Red/yellow, 3-pole + N + PE, M20 threaded knock-out	86	133	104	0.3550	6	6418677153853
KKPC3.16BAR	Red/yellow, 3-pole + N + PE + A, M20 threaded knock-out	86	133	104	0.4070	6	6418677153877
KKPC4.16BNM	Black handle, 4-pole + N + PE, M20 threaded knock-out	86	133	104	0.4100	6	6418677153921
KKPC4.16BNR	Red/yellow, 4-pole + N + PE, M20 threaded knock-out	86	133	104	0.4100	6	6418677153938
KKPC6.16VNL	Black handle, 6-pole + N + PE, M25 knock-out	175	175	161	1.0370	1	6418677194436
KKPC6.16VNK	Red/yellow, 6-pole + N + PE, M25 knock-out	175	175	161	1.0370	1	6418677194139
KKPC8.16VEL	Black handle, 8-pole + PE, M25 knock-out	175	175	161	1.0370	1	6418677194528
KKPC8.16VEK	Red/yellow, 8-pole + PE, M25 knock-out	175	175	161	1.0370	1	6418677194221

20 A with metric knock-outs



KKPC3.20BNM	Black handle, 3-pole + N + PE, M20 threaded knock-out	86	133	104	0.3550	6	6418677153662
KKPC3.20BAM	Black handle, 3-pole + N + PE + A, M20 threaded knock-out	86	133	104	0.4070	6	6418677153884
KKPC3.20BNR	Red/yellow, 3-pole + N + PE, M20 threaded knock-out	86	133	104	0.3550	6	6418677153679
KKPC3.20BAR	Red/yellow, 3-pole + N + PE + A, M20 threaded knock-out	86	133	104	0.4070	6	6418677153891
KKPC4.20BNM	Black handle, 4-pole + N + PE, M20 threaded knock-out	86	133	104	0.4100	6	6418677153945
KKPC4.20BNR	Red/yellow, 4-pole + N + PE, M20 threaded knock-out	86	133	104	0.4100	6	6418677153952
KKPC6.20VNL	Black handle, 6-pole + N + PE, M25 knock-out	175	175	161	1.0370	1	6418677194443
KKPC6.20VNK	Red/yellow, 6-pole + N + PE, M25 knock-out	175	175	161	1.0370	1	6418677194146
KKPC8.20VEL	Black handle, 8-pole + PE, M25 knock-out	175	175	161	1.0370	1	6418677194535
KKPC8.20VEK	Red/yellow, 8-pole + PE, M25 knock-out	175	175	161	1.0370	1	6418677194238

25 A with metric knock-outs



KKPC3.25BNM	Black handle, 3-pole + N + PE, M20 threaded knock-out	86	133	104	0.3550	6	6418677153686
KKPC3.25BAM	Black handle, 3-pole + N + PE + A, M20 threaded knock-out	86	133	104	0.4070	6	6418677153907
KKPC3.25BNR	Red/yellow, 3-pole + N + PE, M20 threaded knock-out	86	133	104	0.3550	6	6418677153693
KKPC3.25BAR	Red/yellow, 3-pole + N + PE + A, M20 threaded knock-out	86	133	104	0.4070	6	6418677153914
KKPC4.25BNM	Black handle, 4-pole + N + PE, M20 threaded knock-out	86	133	104	0.4100	6	6418677153969
KKPC4.25BNR	Red/yellow, 4-pole + N + PE, M20 threaded knock-out	86	133	104	0.4100	6	6418677153976

Ordering number	Description	Dimensions mm			Weight each kg	Standard package pcs	EAN 13 code
		W	H	D			
KKPC6.25VNL	Black handle, 6-pole + N + PE, M25 knock-out	175	175	161	1.0370	1	6418677194450
KKPC6.25VNK	Red/yellow, 6-pole + N + PE, M25 knock-out	175	175	161	1.0370	1	6418677194153
KKPC8.25VEL	Black handle, 8-pole + PE, M25 knock-out	175	175	161	1.0370	1	6418677194542
KKPC8.25VEK	Red/yellow, 8-pole + PE, M25 knock-out	175	175	161	1.0370	1	6418677194245

32 A with metric knock-outs



KKPC3.32VSL	Black handle, 3-pole, M25 knock-out	125	175	136	0.6670	3	6418677154546
KKPC3.32VNL	Black handle, 3-pole + N + PE, M25 knock-out	125	175	136	0.7520	3	6418677194313
KKPC3.32VSK	Red/yellow, 3-pole, M25 knock-out	125	175	136	0.6670	3	6418677154560
KKPC3.32VNK	Red/yellow, 3-pole + N + PE, M25 knock-out	125	175	136	0.7520	3	6418677194016
KKPC4.32VSL	Black handle, 4-pole, M25 knock-out	125	175	136	0.7130	3	6418677154584
KKPC4.32VEL	Black handle, 4-pole + PE, M25 knock-out	125	175	136	0.7520	3	6418677194375
KKPC4.32VSK	Red/yellow, 4-pole, M25 knock-out	125	175	136	0.7130	3	6418677154607
KKPC4.32VEK	Red/yellow, 4-pole + PE, M25 knock-out	125	175	136	0.7520	3	6418677194078
KKPC6.32VNL	Black handle, 6-pole + N + PE, M25 knock-out	175	175	161	1.0370	1	6418677194467
KKPC6.32VNK	Red/yellow, 6-pole + N + PE, M25 knock-out	175	175	161	1.0370	1	6418677194160
KKPC8.32VEL	Black handle, 8-pole + PE, M25 knock-out	175	175	161	1.0370	1	6418677194559
KKPC8.32VEK	Red/yellow, 8-pole + PE, M25 knock-out	175	175	161	1.0370	1	6418677194252

40 A with metric knock-outs



KKPC3.40VSL	Black handle, 3-pole, M25 knock-out	125	175	136	0.6670	3	6418677154553
KKPC3.40VNL	Black handle, 3-pole + N + PE, M25 knock-out	125	175	136	0.7520	3	6418677194320
KKPC3.40VSK	Red/yellow, 3-pole, M25 knock-out	125	175	136	0.6670	3	6418677154577
KKPC3.40VNK	Red/yellow, 3-pole + N + PE, M25 knock-out	125	175	136	0.7520	3	6418677194023
KKPC4.40VSL	Black handle, 4-pole, M25 knock-out	125	175	136	0.7130	3	6418677154591
KKPC4.40VEL	Black handle, 4-pole + PE, M25 knock-out	125	175	136	0.7520	3	6418677194382
KKPC4.40VSK	Red/yellow, 4-pole, M25 knock-out	125	175	136	0.7130	3	6418677154614
KKPC4.40VEK	Red/yellow, 4-pole + PE, M25 knock-out	125	175	136	0.7520	3	6418677194085
KKPC6.40VNL	Black handle, 6-pole + N + PE, M25 knock-out	175	175	161	1.0370	1	6418677194474
KKPC6.40VNK	Red/yellow, 6-pole + N + PE, M25 knock-out	175	175	161	1.0370	1	6418677194177
KKPC8.40VEL	Black handle, 8-pole + PE, M25 knock-out	175	175	161	1.0370	1	6418677194566
KKPC8.40VEK	Red/yellow, 8-pole + PE, M25 knock-out	175	175	161	1.0370	1	6418677194269

63 A, with plain sides



KKPC3.63JSL	Black handle, 3-pole	200	300	168	1.7490	1	6418677153747
KKPC3.63JNL	Black handle, 3-pole + N + PE	200	300	168	1.8200	1	6418677194337
KKPC3.63JSK	Red/yellow, 3-pole	200	300	168	1.7490	1	6418677153754
KKPC3.63JNK	Red/yellow, 3-pole + N + PE	200	300	168	1.8200	1	6418677194030
KKPC4.63JEL	Black handle, 4-pole + PE	200	300	168	1.8200	1	6418677194399
KKPC4.63JEK	Red/yellow, 4-pole + PE	200	300	168	1.8200	1	6418677194092
KKPC6.63JNP	Black handle, 6-pole + N + PE	200	300	185	2.1250	1	6418677194481
KKPC6.63JNS	Red/yellow, 6-pole + N + PE	200	300	185	2.1250	1	6418677194184
KKPC8.63JEP	Black handle, 8-pole + PE	200	300	185	2.1250	1	6418677194573
KKPC8.63JES	Red/yellow, 8-pole + PE	200	300	185	2.1250	1	6418677194276

Ordering number	Description	Dimensions mm			Weight each kg	Standard package pcs	EAN 13 code
		W	H	D			

80 A, with plain sides



KKPC3.80JNL	Black handle, 3-pole + N + PE	300	400	168	2.7430	1	6418677194344
KKPC3.80JNK	Red/yellow, 3-pole + N + PE	300	400	168	2.7430	1	6418677194047
KKPC4.80JEL	Black handle, 4-pole + PE	300	400	168	2.7430	1	6418677194405
KKPC4.80JEK	Red/yellow, 4-pole + PE	300	400	168	2.7430	1	6418677194108
KKPC6.80JNP	Black handle, 6-pole + N + PE	300	400	185	2.9850	1	6418677194498
KKPC6.80JNS	Red/yellow, 6-pole + N + PE	300	400	185	2.9850	1	6418677194191
KKPC8.80JEP	Black handle, 8-pole + PE	300	400	185	2.9850	1	6418677194580
KKPC8.80JES	Red/yellow, 8-pole + PE	300	400	185	2.9850	1	6418677194283

100 A, with plain sides



KKPC3.100JNL	Black handle, 3-pole + N + PE	300	400	168	2.7430	1	6418677194351
KKPC3.100JNK	Red/yellow, 3-pole + N + PE	300	400	168	2.7430	1	6418677194054
KKPC4.100JEL	Black handle, 4-pole + PE	300	400	168	2.7430	1	6418677194412
KKPC4.100JEK	Red/yellow, 4-pole + PE	300	400	168	2.7430	1	6418677194115
KKPC6.100JNP	Black handle, 6-pole + N + PE	300	400	185	2.9850	1	6418677194504
KKPC6.100JNS	Red/yellow, 6-pole + N + PE	300	400	185	2.9850	1	6418677194207
KKPC8.100JEP	Black handle, 8-pole + PE	300	400	185	2.9850	1	6418677194597
KKPC8.100JES	Red/yellow, 8-pole + PE	300	400	185	2.9850	1	6418677194290

125 A, with plain sides



KKPC3.125JNL	Black handle, 3-pole + N + PE	300	400	168	2.7430	1	6418677194368
KKPC3.125JNK	Red/yellow, 3-pole + N + PE	300	400	168	2.7430	1	6418677194061
KKPC4.125JEL	Black handle, 4-pole + PE	300	400	168	2.7430	1	6418677194429
KKPC4.125JEK	Red/yellow, 4-pole + PE	300	400	168	2.7430	1	6418677194122
KKPC6.125JNP	Black handle, 6-pole + N + PE	300	400	185	2.9850	1	6418677194511
KKPC6.125JNS	Red/yellow, 6-pole + N + PE	300	400	185	2.9850	1	6418677194214
KKPC8.125JEP	Black handle, 8-pole + PE	300	400	185	2.9850	1	6418677194603
KKPC8.125JES	Red/yellow, 8-pole + PE	300	400	185	2.9850	1	6418677194306

Installation-ready enclosed switches



KKPC3.16BNMT	Black handle, 16 A, 3-pole + N + PE, M20 threaded knock-out	86	133	104	0.3550	25	6418677180132
KKPC3.16BART	Red/yellow, 16 A, 3-pole + N + PE + A, M20 threaded knock-out	86	133	104	0.4070	25	6418677180149
KKPC6.25VNKT	Red/yellow, 25 A, 6-pole + N + PE, M25 knock-out	175	175	161	1.1120	2	6418677180156

All-in-One Display Rack Products

The most commonly used switches and enclosed switches are also displayed in racks. The switches are separately packed and are displayed in racks at well-equipped wholesaler outlets and other distributors' outlets.

Ordering number	Description	Dimensions mm			Weight each kg	Standard package pcs	EAN 13 code
		W	H	D			

Installation-ready Ensto Compact load break switches

KS3.40T	3 x 40 A, Load break switch including direct handle				0.1330	50	6418677180729
KS3.63T	3 x 63 A, Load break switch including direct handle				0.1330	50	6418677180170
KS1.63T	4th pole 63 A				0.0460	50	6418677180194
KSA1T	NO + NC auxiliary contact 16 A				0.051	50	6418677180187
KSH29.200T	Ext. handle, not padlockable, IP 54, 0/1, black and 200 mm shaft				0.0747	100	6418677180125

Installation-ready enclosed switches



KKPC3.16BNMT	Black handle, 16 A, 3-pole+N + PE, M20 threaded knock-out	86	133	104	0.3550	25	6418677180132
KKPC3.16BART	Red/yellow, 16 A, 3-pole+N + PE + A, M20 threaded knock-out	86	133	104	0.4070	25	6418677180149
KKPC6.25VNKT	Red/yellow, 25 A, 6-pole+ N + PE, M25 knock-out	175	175	161	1.1120	2	6418677180156

Ensto Clampo Pro Universal Terminals

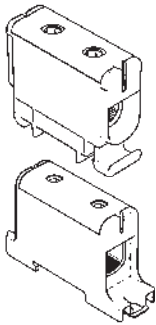
Ensto Clampo Pro is a comprehensive universal terminal series for Al/Cu-conductors 2,5 - 240 mm². Pro Solo is a one-pole terminal block for connecting and extending conductors. Pro Duplo is a tapping block with four conductor spaces. Ensto Clampo Pro are three-pole or four-pole branching terminal blocks for rising mains without cutting the main conductor.

PG 5026

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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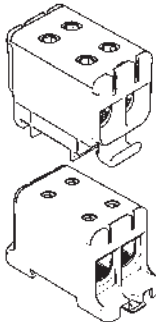
Terminals

Universal terminal blocks



KE61	Grey, Al 6-50 mm ² , Cu 2.5-50 mm ²	0.0300	30	6418677191817
KE61.03	Grey, 3-pole, Al 6-50 mm ² , Cu 2.5-50 mm ²	0.0770	30	6418677191824
KE61.2	Blue, Al 6-50 mm ² , Cu 2.5-50 mm ²	0.0300	30	6418677191831
KE61.3	Yellow/green, Al 6-50 mm ² , Cu 2.5-50 mm ²	0.0300	30	6418677191848
KE62	Grey, Al/Cu 16-95 mm ²	0.0740	30	6418677191855
KE62.2	Blue, Al/Cu 16-95 mm ²	0.0740	30	6418677191862
KE62.3	Yellow/green, Al/Cu 16-95 mm ²	0.0740	30	6418677191879
KE63	Grey, Al/Cu 35-150 mm ²	0.1200	30	6418677191886
KE63.2	Blue, Al/Cu 35-150 mm ²	0.1200	30	6418677191893
KE63.3	Yellow/green, Al/Cu 35-150 mm ²	0.1200	30	6418677191909
KE64	Grey, Al/Cu 35-240 mm ²	0.2490	30	6418677191916
KE64.2	Blue, Al/Cu 35-240 mm ²	0.2490	30	6418677191923
KE64.3	Yellow/green, Al/Cu 35-240 mm ²	0.2490	30	6418677191930

Universal tapping blocks



KE66	Grey, Al 6-50 mm ² , Cu 2.5-50 mm ²	0.0490	30	6418677191947
KE66.2	Blue, Al 6-50 mm ² , Cu 2.5-50 mm ²	0.0490	30	6418677191954
KE66.3	Yellow/green, Al 6-50 mm ² , Cu 2.5-50 mm ²	0.0490	30	6418677191961
KE67	Grey, Al/Cu 16-95 mm ²	0.1280	30	6418677191978
KE67.2	Blue, Al/Cu 16-95 mm ²	0.1280	30	6418677191985
KE67.3	Yellow/green, Al/Cu 16-95 mm ²	0.1280	30	6418677191992
KE68	Grey, Al/Cu 35-150 mm ²	0.2100	30	6418677192005
KE68.2	Blue, Al/Cu 35-150 mm ²	0.2100	30	6418677192012
KE68.3	Yellow/green, Al/Cu 35-150 mm ²	0.2100	30	6418677192029
KE69	Grey, Al/Cu 35-240 mm ²	0.4380	30	6418677192036
KE69.2	Blue, Al/Cu 35-240 mm ²	0.4380	30	6418677192043
KE69.3	Yellow/green, Al/Cu 35-240 mm ²	0.4380	30	6418677192050

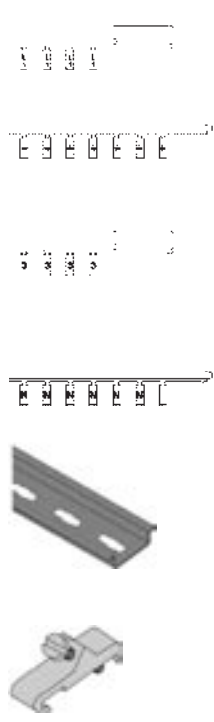
Universal branching terminals



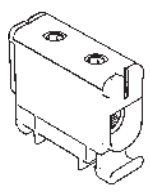
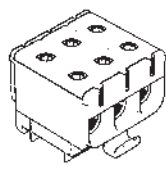
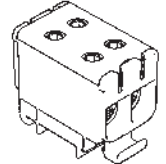
KE85.3	3-pole, feeder 2 x 25 mm ² Al/Cu, branch 16 mm ² CU	0.1140	25	6418677181887
KE85.30	KE85.3 with cover PEE185.3	0.1310	10	6418677181894
KE85.40	KE85.3 + KE85.1B with cover PEE185.4	0.1780	5	6418677181900
KE86.3	3-pole, feeder 50 mm ² Al/Cu, branch 35 mm ² CU	0.1510	25	6418677181917
KE86.30	KE86.3 with cover PEE186.3	0.1730	10	6418677181924
KE86.40	KE86.3 + KE86.1B with cover PEE186.4	0.2300	5	6418677181931
KE87.3	3-pole, feeder 95 mm ² Al/Cu, branch 50 mm ² CU	0.2620	20	6418677181948
KE87.30	KE87.3 with cover PEE187.3	0.2900	5	6418677181955
KE87.40	KE87.3 + KE87.1B with cover PEE187.4	0.3910	5	6418677181962
KE85.1	Additional pole for KE85.3	0.0400	25	6418677181979
KE85.1B	Additional pole for KE85.3, blue	0.0400	25	6418677182075
KE85.1YG	Additional pole for KE85.3, yellow/green	0.0400	25	6418677182105
KE86.1	Additional pole for KE86.3	0.0520	50	6418677181986
KE86.1B	Additional pole for KE86.3, blue	0.0520	50	6418677182082
KE86.1YG	Additional pole for KE86.3, yellow/green	0.0520	50	6418677182112
KE87.1	Additional pole for KE87.3	0.0900	25	6418677181993
KE87.1B	Additional pole for KE87.3, blue	0.0900	25	6418677182099
KE87.1YG	Additional pole for KE87.3, yellow/green	0.0900	25	6418677182129
PEE185.3	Protective cover, 3-pole for KE85.3	0.0180	1	6418677182006
PEE185.4	Protective cover, 4-pole for KE85.3	0.0240	1	6418677182013
PEE186.3	Protective cover, 3-pole for KE86.3	0.0220	1	6418677182020
PEE186.4	Protective cover, 4-pole for KE86.3	0.0270	1	6418677182037
PEE187.3	Protective cover, 3-pole for KE87.3	0.0290	1	6418677182044
PEE187.4	Protective cover, 4-pole for KE87.3	0.0390	1	6418677182051

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Accessories for universal terminal blocks

	PM34.00	Marking strip "0"	0.0012	10	6418677192067
	PM34.01	Marking strip "1"	0.0012	10	6418677192074
	PM34.02	Marking strip "2"	0.0012	10	6418677192081
	PM34.03	Marking strip "3"	0.0012	10	6418677192098
	PM34.04	Marking strip "4"	0.0012	10	6418677192104
	PM34.05	Marking strip "5"	0.0012	10	6418677192111
	PM34.06	Marking strip "6"	0.0012	10	6418677192128
	PM34.07	Marking strip "7"	0.0012	10	6418677192135
	PM34.08	Marking strip "8"	0.0012	10	6418677192142
	PM34.09	Marking strip "9"	0.0012	10	6418677192159
	PM34.10	Marking strip, earth symbol in a ring	0.0012	10	6418677192166
	PM34.11	Marking strip "R"	0.0012	10	6418677192173
	PM34.12	Marking strip "S"	0.0012	10	6418677192180
	PM34.13	Marking strip "T"	0.0012	10	6418677192197
	PM34.14	Marking strip "U"	0.0012	10	6418677192203
	PM34.15	Marking strip "V"	0.0012	10	6418677192210
	PM34.16	Marking strip "W"	0.0012	10	6418677192227
	PM34.19	Marking strip "L"	0.0012	10	6418677192234
	PM34.22	Marking strip "+"	0.0012	10	6418677192241
	PM34.23	Marking strip "-"	0.0012	10	6418677192258
	PM34.24	Marking strip, earth symbol	0.0012	10	6418677192265
	PM34.25	Marking strip "N"	0.0012	10	6418677192272
	PM34.26	Marking strip "L1"	0.0012	10	6418677192289
	PM34.27	Marking strip "L2"	0.0012	10	6418677192296
	PM34.28	Marking strip "L3"	0.0012	10	6418677192302
	PM34.29	Marking strip "PE"	0.0012	10	6418677192319
	PP37	DIN rail, 35 mm, steel, L = 2 m	0.6215	10	6418677161896
	KRL2	End clip, for fixing components to PP37	0.0090	50	6418677161919
	KEL61	Terminal shroud for KE61 and KE66	0.0011	100	6438100020064
	KEL62	Terminal shroud for KE62 and KE67	0.0018	100	6438100020071
	KEL63	Terminal shroud for KE63 and KE68	0.0029	100	6438100020088
	KEL64	Terminal shroud for KE64 and KE69	0.0036	100	6438100020095

Installation-ready Ensto Clampo Pro

	KE61SET	Mounting kit, Al 6-50 mm ² , Cu 2.5-50 mm ² , KE61.03 + KE61.2 + KE61.3	0.1370	10	6418677191800
	KE61T	Universal terminal block, grey, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product	0.0900	10	6418677192326
	KE61.03T	Universal terminal block, grey, 3-pole, Al 6-50 mm ² , Cu 2.5-50 mm ² , 2 blocks / product	0.1540	15	6418677192357
	KE61.2T	Universal terminal block, blue, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product	0.0900	10	6418677192333
	KE61.3T	Universal terminal block, yellow/green, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product	0.0900	10	6418677192340
	KE62SET	Mounting kit, Al 16-95 mm ² , Cu 16-95 mm ² , 3 x KE62 + KE62.2 + KE62.3	0.3380	10	6418677192432
	KE62T	Universal terminal block, grey, Al/Cu 16-95 mm ² , 3 blocks / product	0.2220	10	6418677192364
	KE62.2T	Universal terminal block, blue, Al/Cu 16-95 mm ² , 3 blocks / product	0.2220	10	6418677192371
	KE62.3T	Universal terminal block, yellow/green, Al/Cu 16-95 mm ² , 3 blocks / product	0.2220	10	6418677192388
	KE66T	Universal tapping block, grey, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product	0.1470	10	6418677192395
	KE66.2T	Universal tapping block, blue, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product	0.1470	10	6418677192401
	KE66.3T	Universal tapping block, yellow/green, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product	0.1470	10	6418677192418

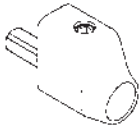
Ensto Clampo Apparatus Equipment Terminals

Ensto Clampo Apparatus is a universal terminal series for connecting Al/Cu conductors to equipment. Ensto Clampo Apparatus terminals are easy to install; reliable connections are achieved with standard tools. Terminals with a base can be mounted directly to a DIN rail, and single terminals can be combined into more extensive units with intermediate plates.

PG 5017

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Equipment terminals



KE12.12	Al transition terminal for MCB, 50 mm ²	0.0130	90	6418677181788
KE12.20	Al transition terminal for KSM- and KSR/KST3.63-3.80 switches, 50 mm ²	0.0141	90	6418677181795
KE52.2	Al/Cu 16-95 mm ² , class A, M = 14 Nm	0.0300	30	6418677192449
KE53.2	Al/Cu 35-150 mm ² , class A, M = 14/24 Nm	0.0500	30	6418677192456
KE54.2	Al/Cu 35-240 mm ² , class A, M = 12/40 Nm	0.1150	15	6418677192463
KE55	Al/Cu 120-300 mm ² , temp.class T2	0.4458	15	6418677161957
KE56.1	Al/Cu 2 x (16-95 mm ²), temp.class T1, M = 16Nm	0.0783	30	6418677181757
KE57	Al/Cu 2 x (95-185 mm ²), max 400 A	0.3600	15	6418677161964
KE58	Al/Cu 2 x (150-300 mm ²), max 630 A	0.5613	15	6418677161971

Universal terminals with insulation base 750 V



KE73.2	Al/Cu 35-150 mm ² , class A, M = 14/24 Nm	0.0770	15	6418677192470
KE74.2	Al/Cu 35-240 mm ² , class A, M = 12/40 Nm	0.1660	15	6418677192487
KE75	Al/Cu 120-300 mm ² , temp.class T2	0.5210	10	6418677162008
KE77	Al/Cu 2 x (95-185 mm ²), max 400 A	0.4156	10	6418677162015
KE78	Al/Cu 2 x (150-300 mm ²), max 630 A	0.6154	10	6418677162022

Accessories for universal blocks

KJ5.08	Screw kit incl. 3 pcs. M8 x 35 mm	0.1014	10	6418677181856
KJ5.10	Screw kit incl. 3 pcs. M10 x 35 mm	0.1822	10	6418677181863
KJ5.12	Screw kit incl. 3 pcs. M12 x 45 mm	0.3270	10	6418677181870
PMR1422	Intermediate plate for KE77 and KE78	0.0300	25	6418677162312
SR1.1	Contact grease, 225 g tube	0.2250	25	6418677405402

Installation-ready Ensto Clampo Apparatus terminals

KE12.12T	Al transition terminal for MCB, 50 mm ² , 3 terminals / product	0.0390	30	6418677181764
KE12.20T	Al transition terminal for KSM- and KSR/KST3.63-3.80-switch, 50 mm ² , 3 terminals / product	0.0423	30	6418677181771
KE52.2T	Al/Cu 16-95 mm ² , class A, M = 14 Nm, 3 terminals / product	0.2970	10	6418677192494
KE53.2T	Al/Cu 35-150 mm ² , class A, M = 14/24 Nm, 3 terminals / product	0.5030	10	6418677192500
KE54.2T	Al/Cu 35-240 mm ² , class A, M = 12/40 Nm, 3 terminals / product	0.7010	10	6418677192517
KE56.1T	Al/Cu 2 x (16-95 mm ²), temp.class T1, M = 16Nm, 3 terminals / product	0.2350	10	6418677181726

Ensto Clampo Tap Tapping Terminals

The Ensto Clampo Tap series is an extensive selection of Cu tapping blocks for branching and connecting conductors (1.5 - 240 mm²) in distribution boards and equipment.

PG 5025

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Tapping blocks 750 V



KE80	Cu 6-70 mm ² , base Polyamide	0.0880	25	6418677162220
KE80.15	Cu 6-70 mm ² + 2.5-70 mm ² , base PA	0.1265	25	6418677162237
KE81	Cu 10-150 mm ² , base PA	0.1880	20	6418677162244
KE82	Cu 35-240 mm ² , base PA	0.3481	10	6418677162251
KE82.15	Cu 35-240 mm ² + 16-185 mm ² , base PA	0.6094	10	6418677162268

Accessories for tapping blocks



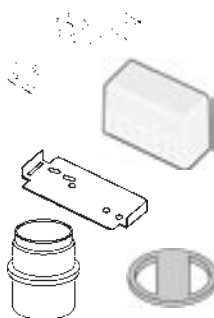
PMR1420	Intermediate plate for KE80 and KE73.1	0.0160	25	6418677162299
PMR1421	Intermediate plate for KE81, 82, 74.1 and KE75	0.0240	25	6418677162305
PLP98	Fastening screw for KE80 and KE73.1	0.0013	50	6418677162275
PLP99	Fastening screw for KE81, 82, 74.1, 75, 77 and KE78	0.0038	50	6418677162282

Connecting terminal plates 500 V, base of thermoset



KF11	4-pole, Cu 6 mm ²	0.0650	100	6418677162411
KF9	4-pole, Cu 10 mm ²	0.1000	50	6418677162428
KF10	4-pole, Cu 16 mm ²	0.1740	50	6418677162442
KF10.1	4-pole, Cu 16 mm ² , with nut	0.1150	50	6418677162459
KF10.3	4-pole, Cu 25 mm ² , with nut	0.1430	50	6418677162473
KF13	5-pole, Cu 10 mm ²	0.1490	50	6418677162435
KF14	5-pole, Cu 16 mm ²	0.2140	50	6418677162480
KF14.3	5-pole, Cu 25 mm ² , with nut	0.1870	50	6418677162503

Accessories for connecting terminal plates



PMR130	Rail fixing device for base of thermoset	0.0015	100	6418677162510
PMR586	Protective cover for KF9, KF10 and KF14	0.0305	10	6418677162527
PMR587	Base for cover PMR586	0.0077	10	6418677162534
PMR723	White protective cover, 10-16 mm ² mantle screw	0.0023	100	6418677162541
PMR723.2	Blue protective cover, 10-16 mm ² mantle screw	0.0023	100	6418677162558
PPK223	Wire protector for 10 mm ² mantle screw	0.0008	100	6418677162565
PPK222	Wire protector for 16 mm ² mantle screw	0.0010	100	6418677162572

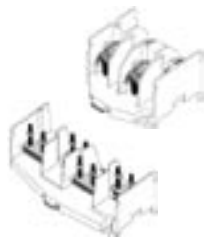
Tapping terminal 400 V



KF17	3-pole, 4 x Cu 16 mm ²	0.1330	25	6418677170409
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Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Connecting terminal plates 750 V, base of polyamide



KF7.10	4-pole, Cu 1.5-16 mm ²	0.1100	25		6418677162589
KF8.10	1-pole, Cu 1.5-16 mm ²	0.0295	25		6418677162596
KF7.70	4-pole, Cu 6-70 mm ²	0.1602	25		6418677162602
KF8.70	1-pole, Cu 6-70 mm ²	0.0499	20		6418677162619

Accessories for connecting terminal blocks



RDP6	Protective cover for KF7 and KF8, L = 2 m	0.2471	10		6418677162626
KNL6.122	Protective cover for KF7.70, L = 122 mm	0.0169	30		6418677170416
KNL6.161	Protective cover for KF7.70 + KF8.70, L = 161 mm	0.0212	30		6418677170423

Connecting terminals 500 V, base of thermoset



KF5.06	1-pole, Cu 3 x 6 mm ²	0.0188	500		6418677162664
KF5.10	1-pole, Cu 3 x 10 mm ²	0.0290	250		6418677162671
KF5.16	1-pole, Cu 3 x 16 mm ²	0.0456	200		6418677162688

Clamps for circular busbars 500 V



KG1.2	For max 14 mm busbar, Cu 2.5-70 mm ²	0.0713	100		6418677162329
KG4	For max 22 mm busbar, Cu 4-185 mm ²	0.1402	50		6418677162336
KG5	For max 25 mm busbar, Cu 6-240 mm ²	0.3380	25		6418677162343
KG5.1	For max 25 mm busbar, Cu 6-240 mm ²	0.2919	25		6418677162350

Ensto Clampo Compact Terminal Blocks

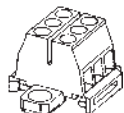
Ensto Clampo Compact terminal blocks are ideal for use in applications with limited space available.

PG 5024

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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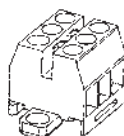
Compact terminal blocks

Cu 1.5 mm², 450 V



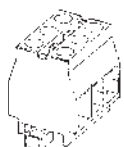
KR5031	Cu 1.5 mm ² , 3-pole with wire protection	0.0069	200	6418677111402
KR5131	Cu 1.5 mm ² , 12-pole with wire protection	0.0260	50	6418677111426

Cu 6 mm², 750 V



KR8031	Cu 6 mm ² , 3-pole with wire protection	0.0153	200	6418677111778
KR8041	Cu 6 mm ² , 4-pole with wire protection	0.0210	200	6418677111792
KR8121	Cu 6 mm ² , 12-pole with wire protection	0.0600	100	6418677111822

Cu 16 mm², 750 V



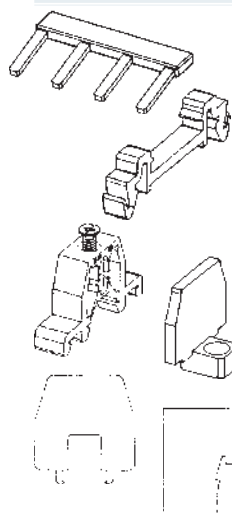
KR10021	Cu 16 mm ² , 2-pole with wire protection	0.0440	100	6418677111334
KR10031	Cu 16 mm ² , 3-pole with wire protection	0.0650	100	6418677111358

Cu 35 mm², 750 V



KE33	Grey, Cu 1.5-35 mm ²	0.0430	100	6418677161704
KE33.20	Blue, Cu, 1.5-35 mm ²	0.0430	100	6418677161735
KE33.30	Yellow/green, Cu, 1.5-35 mm ²	0.0430	100	6418677161759

Accessories for Compact terminal blocks



KRL1505.02	Cross connector, 2-pole, 1.5 mm ²	0.0007	100	6418677111860
KRL6067.02	Cross connector, 2-pole, 6 mm ²	0.0010	100	6418677112003
KRL6067.03	Cross connector, 3-pole, 6 mm ²	0.0016	100	6418677112010
KRL6067.04	Cross connector, 4-pole, 6 mm ²	0.0020	100	6418677112027
KRL7	Adapter for 35 mm DIN rail mounting	0.0011	100	6418677112034
KRL8	End holder, fits both DIN 15 and 35 mm rails	0.0032	100	6418677112041
PMR143	End plate for direct mounting	0.0011	100	6418677112614
PMR370	Spacer plate, fits both DIN 15 and 35 mm rails	0.0018	100	6418677112645
KRL6	Spacer plate for KR8121	0.0022	100	6418677111952
PP44	DIN rail, 15 mm, steel, L = 2 m	0.2900	10	6418677112720

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Marking labels for Compact terminal blocks

PEM10.2	Unmarked tape	0.0006	20		6418677112706
PEM10.1	Marking labels, the alternatives, see chart below	0.0006	20		6418677112690

Alternative markings for tape PEM10.1

For Cu 1.5 mm²

PEM80	Tape, marked 1 - 12	0.0004	20		6418677112379
PEM81	Tape, marked 13 - 24	0.0004	20		6418677112386
PEM82	Tape, marked 25 - 36	0.0004	20		6418677112843
PEM83	Tape, marked 37 - 48	0.0004	20		6418677112867
PEM84	Tape, marked 49 - 60	0.0004	20		6418677112393
PEM85	Tape, marked 61 - 72	0.0004	20		6418677112874
PEM86	Tape, marked 73 - 84	0.0004	20		6418677112409
PEM87	Tape, marked 85 - 96	0.0004	20		6418677112416
PEM88	Tape, marked 97 - 108	0.0004	20		6418677112423
PEM89	Tape, marked 1 - 3 (4x)	0.0004	20		6418677112430
PEM90	Tape, marked 1 - 4 (3x)	0.0004	20		6418677112447
PEM91	Tape, marked L1, L2, L3 (4x)	0.0004	20		6418677112454
PEM92	Tape, marked 1 - 60 consecutive numbers	0.0004	20		6418677112461
PEM93	Tape, marked R,S,T,PE,PE,PE,+,-,U,V,W	0.0004	20		6418677112478

For Cu 6 mm²

PEM23	Tape, marked 1 - 12	0.0006	20		6418677112072
PEM24	Tape, marked 13 - 24	0.0006	20		6418677112089
PEM25	Tape, marked 25 - 36	0.0006	20		6418677112096
PEM26	Tape, marked 37 - 48	0.0006	20		6418677112102
PEM27	Tape, marked 49 - 60	0.0006	20		6418677112119
PEM28	Tape, marked 61 - 72	0.0006	20		6418677112126
PEM29	Tape, marked 73 - 84	0.0006	20		6418677112133
PEM31	Tape, marked 1 - 3 (4x)	0.0006	20		6418677112140
PEM32	Tape, marked 1 - 4 (3x)	0.0006	20		6418677112157
PEM33	Tape, marked 85 - 96	0.0006	20		6418677112164
PEM34	Tape, marked 97 - 108	0.0006	20		6418677112171
PEM35	Tape, marked 101 - 148, R,S,T,O,PE,PE,PE,+,-,U,V,W	0.0006	20		6418677112188
PEM36	Tape, marked 149 - 208 consecutive numbers	0.0006	20		6418677112195
PEM37.1	Tape, marked 1-4/1-3/R,S,T,O,PE	0.0006	20		6418677167898
PEM37.2	Tape, marked 1-4/1-3/U,V,W,+,-	0.0006	20		6418677167904
PEM38	Tape, marked R,S,T,PE,PE,PE,+,-,U,V,W	0.0006	20		6418677112218
PEM39.1	Tape, marked 109 - 168	0.0006	20		6418677167911
PEM39.2	Tape, marked 169 - 228	0.0006	20		6418677167928
PEM40.1	Tape, marked 229 - 288	0.0006	20		6418677167935
PEM40.2	Tape, marked 289 - 348	0.0006	20		6418677167942
PEM42	Tape, marked L1, L2, L3 (4X)	0.0006	20		6418677112249
PEM44	Tape, marked 1 - 60 consecutive numbers	0.0006	20		6418677112256
PEM45	Tape, marked PE, N, L1, L2, L3 (2x)	0.0006	20		6418677112263

For Cu 16 mm²

PEM64	Tape, marked 1 - 6	0.0006	20		6418677112287
PEM65	Tape, marked 7 - 12	0.0006	20		6418677112294
PEM66	Tape, marked 13 - 18	0.0006	20		6418677112300
PEM67	Tape, marked 19 - 24	0.0006	20		6418677112317
PEM68	Tape, marked L1, L2, L3 (2x)	0.0006	20		6418677112324
PEM69	Tape, marked L1, L2, L3, N, PE	0.0004	20		6418677112331

Installation-ready Ensto Clampo Compact

KR8121T	Cu 6 mm ² , 12-pole with wire protection, 3 blocks / product	0.0510	10		6418677167980
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Ensto Clampo Ground Screwless Terminals

The new Ensto Clampo terminals were especially developed for use as N and PE terminals. The range of application for the screwless terminals includes traditional panel building and, in particular, panel change and, extension. They are also suitable for automation and control gears and, of course, for use in Ensto Cubo enclosures. Thanks to their small need of space and compact design, the screwless terminals are ideal for renovation applications.

PG 5023

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Screwless terminals, N, PE, live, 800 V



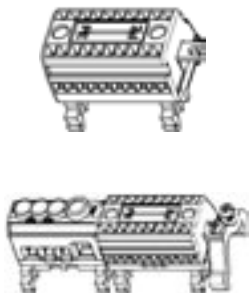
KN20.415	Supplying terminal, Cu 1 x 35 mm ² + 3 x 16 mm ² , 15 mm DIN rail mounted	0.0571	100	6418677193002
KNN1.15	N busbar, Cu 2 x (10 x 2.5 mm ²), 15 mm DIN rail mounted	0.0375	50	6418677193019
KNP1.15	PE busbar, Cu 2 x (10 x 2.5 mm ²), 15 mm DIN rail mounted	0.0375	50	6418677193026
KNF1.15	Tapping terminal, Cu 2 x (10 x 2.5 mm ²), 15 mm DIN rail mounted	0.0375	50	6418677193033
KN20.435	Supplying terminal, Cu 1 x 35 mm ² + 3 x 16 mm ² , 35 mm DIN rail mounted	0.0596	100	6418677193040
KNN1.35	N busbar, Cu 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted	0.0409	100	6418677193057
KNP1.35	PE busbar, Cu 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted	0.0409	100	6418677193064
KNF1.35	Tapping terminal, Cu 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted	0.0409	100	6418677193071

Accessories for screwless terminals



KNL4	Joint for KNN1, KNP1 and KNF1	0.0018	100	6418677193088
KNL3	Grounding of PE busbar to 35 mm DIN rail	0.0106	250	6418677193095
KNL7	Adapter for 35 mm DIN rail mounting	0.0011	100	6418677193187
KRL8	End holder, fits both DIN 15 and 35 mm rails	0.0032	100	6418677112041

Installation-ready Ensto Clampo Ground terminals



KNN1.35T	N busbar, Cu 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted, 3 terminal / product	0.1314	10	6418677193118
KNP1.35T	PE busbar, Cu 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted, 3 terminals / product	0.1314	10	6418677193125
KNF1.35T	Tapping terminal, Cu 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted, 3 terminals / product	0.1314	10	6418677193132
KRL8T	End support for DIN 15 and DIN 35 rails, 10 supports/product	0.0388	10	6418677193149
KNL3T	Grounding of PE busbar to 35 mm DIN rail, 10 pcs/product	0.1117	10	6418677193101
KNN20T	N busbar, Cu 1 x 35 mm ² + 3 x 16 mm ² + 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted	0.1063	10	6418677193156
KNP20T	PE busbar, Cu 1 x 35 mm ² + 3 x 16 mm ² + 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted	0.1142	10	6418677193163
KNF20T	Tapping terminal, Cu 1 x 35 mm ² + 3 x 16 mm ² + 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted	0.1063	10	6418677193170

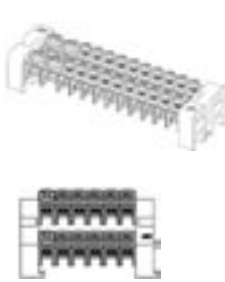
Ensto Clampo Ground N and PE Terminals

The application range of Ensto Clampo Ground terminals is extensive: distribution boards, mains supply, control and automation panels, electronics, optical fibre installations, machine and device manufacture.

PG 5023

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Neutral busbars 450 V / 750 V



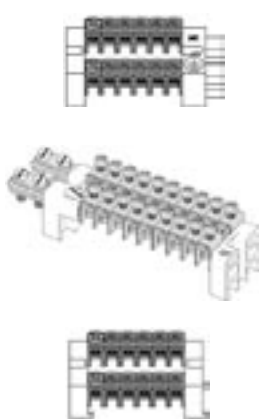
KNA4.104	Cu 2 x (1 x 16 mm ² + 3 x 6 mm ²)	0.0632	50		6418677162770
KNA4.106	Cu 2 x (1 x 16 mm ² + 5 x 6 mm ²)	0.0848	50		6418677162787
KNA4.108	Cu 2 x (1 x 16 mm ² + 7 x 6 mm ²)	0.1036	25		6418677162794
KNA4.110	Cu 2 x (2 x 16 mm ² + 8 x 6 mm ²)	0.1300	25		6418677162817
KNA4.112	Cu 2 x (2 x 16 mm ² + 10 x 6 mm ²)	0.1533	25		6418677162824
KNA4.114	Cu 2 x (3 x 16 mm ² + 11 x 6 mm ²)	0.1775	25		6418677162831
KNA4.120	Cu 2 x (4 x 16 mm ² + 16 x 6 mm ²)	0.2432	25		6418677162848
KN4.102	Cu 2 x (2 x 16 mm ²)	0.0519	100		6418677152849
KN4.104	Cu 2 x (4 x 16 mm ²)	0.0880	50		6418677152856
KN4.106	Cu 2 x (6 x 16 mm ²)	0.1220	50		6418677152863
KN4.108	Cu 2 x (8 x 16 mm ²)	0.1618	25		6418677152870
KN4.110	Cu 2 x (10 x 16 mm ²)	0.1976	25		6418677152887
KN4.112	Cu 2 x (12 x 16 mm ²)	0.2296	25		6418677152894
KND4.103N	Cu 2 x (3 x 35 mm ²)	0.1273	50		6418677162855

PE busbars 450 V / 750 V



KNA4.104P	Cu 2 x (1 x 16 mm ² + 3 x 6 mm ²)	0.0632	50		6418677152900
KNA4.106P	Cu 2 x (1 x 16 mm ² + 5 x 6 mm ²)	0.0848	50		6418677152917
KNA4.108P	Cu 2 x (1 x 16 mm ² + 7 x 6 mm ²)	0.1036	25		6418677152924
KNA4.110P	Cu 2 x (2 x 16 mm ² + 8 x 6 mm ²)	0.1300	25		6418677152931
KNA4.112P	Cu 2 x (2 x 16 mm ² + 10 x 6 mm ²)	0.1533	25		6418677152948
KNA4.114P	Cu 2 x (3 x 16 mm ² + 11 x 6 mm ²)	0.1775	25		6418677152955
KNA4.120P	Cu 2 x (4 x 16 mm ² + 16 x 6 mm ²)	0.2432	25		6418677152962
KND4.103P	Cu 2 x (3 x 35 mm ²)	0.1273	50		6418677152979

N and PE busbars 500 V



KN4.204	Cu, N 4 x 16 mm ² , PE 4 x 16 mm ²	0.1003	50		6418677162909
KN4.206	Cu, N 6 x 16 mm ² , PE 6 x 16 mm ²	0.1458	25		6418677162916
KN4.208	Cu, N 8 x 16 mm ² , PE 8 x 16 mm ²	0.1812	25		6418677162923
KN4.210	Cu, N 10 x 16 mm ² , PE 10 x 16 mm ²	0.2192	25		6418677162930
KN4.212	Cu, N 12 x 16 mm ² , PE 12 x 16 mm ²	0.2542	25		6418677162947
KNA5.108	Cu, N 1 x 16 mm ² + 7 x 6 mm ² , PE 2 x 16 mm ² + 7 x 6 mm ²	0.1757	25		6418677162954
KNA5.113	Cu, N 1 x 16 mm ² + 12 x 6 mm ² , PE 2 x 16 mm ² + 12 x 6 mm ²	0.2330	25		6418677162961
KNA5.117	Cu, N 1 x 16 mm ² + 16 x 6 mm ² , PE 2 x 16 mm ² + 16 x 6 mm ²	0.2757	25		6418677162978
KNA5.120	Cu, N 1 x 16 mm ² + 19 x 6 mm ² , PE 2 x 16 mm ² + 19 x 6 mm ²	0.3089	25		6418677162985
KNA5.125	Cu, N 2 x 16 mm ² + 23 x 6 mm ² , PE 3 x 16 mm ² + 23 x 6 mm ²	0.3766	25		6418677162992
KNA5.130	Cu, N 2 x 16 mm ² + 28 x 6 mm ² , PE 3 x 16 mm ² + 28 x 6 mm ²	0.4381	20		6418677163005
KNA5.134	Cu, N 2 x 16 mm ² + 32 x 6 mm ² , PE 3 x 16 mm ² + 32 x 6 mm ²	0.4698	20		6418677163012
KNA5.138	Cu, N 2 x 16 mm ² + 36 x 6 mm ² , PE 3 x 16 mm ² + 36 x 6 mm ²	0.5195	10		6418677163029
KNA4.108NP	Cu, N 1 x 16 mm ² + 7 x 6 mm ² , PE 1 x 16 mm ² + 7 x 6 mm ²	0.1036	25		6418677153105
KNA4.114NP	Cu, N 3 x 16 mm ² + 11 x 6 mm ² , PE 3 x 16 mm ² + 11 x 6 mm	0.1775	25		6418677153112
KNA4.120NP	Cu, N 4 x 16 mm ² + 16 x 6 mm ² , PE 4 x 16 mm ² + 16 x 6 mm ²	0.2432	25		6418677153129
KNA4.126NP	Cu, N 4 x 16 mm ² + 22 x 6 mm ² , PE 4 x 16 mm ² + 22 x 6 mm ²	0.3150	25		6418677153136
KNA4.136NP	Cu, N 4 x 16 mm ² + 32 x 6 mm ² , 4 x 16 mm ² + 32 x 6 mm ²	0.4150	25		6418677153143
KND4.103NP	Cu, N 3 x 35 mm ² , PE 3 x 35 mm ²	0.1273	50		6418677153150

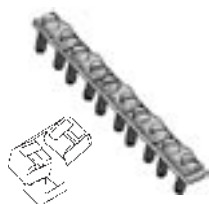
Earthing bar



PPK225	For connecting pillar terminal to mounting plate, height 24 mm	0.0072	100		6418677163036
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Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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N and PE busbars in parts



KN2.2	Cu 2 x (1.5-16 mm ²), saddle terminals	0.0190	250	6418677163050
KN2.3	Cu 3 x (1.5-16 mm ²), saddle terminals	0.0281	250	6418677163067
KN2.4	Cu 4 x (1.5-16 mm ²), saddle terminals	0.0350	200	6418677163074
KN2.5	Cu 5 x (1.5-16 mm ²), saddle terminals	0.0451	200	6418677163081
KN2.6	Cu 6 x (1.5-16 mm ²), saddle terminals	0.0524	200	6418677163098
KN2.7	Cu 7 x (1.5-16 mm ²), saddle terminals	0.0612	100	6418677163104
KN2.8	Cu 8 x (1.5-16 mm ²), saddle terminals	0.0696	100	6418677163111
PM58	Support for busbar KN2.x	0.0026	2000	6418677163128

Terminal saddles



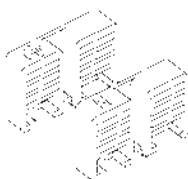
PPK28	Cu 1.5-25 mm ²	0.0017	100	6418677166853
PPK9	Cu 1.5-35 mm ²	0.0031	100	6418677166860
PPK2	Cu 6-70 mm ²	0.0085	100	6418677166877
PSS63	Cu 16-185 mm ²	0.0640	10	6418677182068

Pillar terminals



KJ25	Cu 1-6 mm ² , width 6 mm	0.0035	1000	6418677163135
KJ25.1	Cu 1-6 mm ² , with wire protection, width 6 mm	0.0043	1000	6418677163142
KJ18	Cu 1.5-16 mm ² , width 9 mm	0.0068	1000	6418677163173
KJ18.1	Cu 1.5-16 mm ² , with wire protection, width 9 mm	0.0072	1000	6418677171505
KJ20	Cu 2.5-35 mm ² , width 13 mm	0.0111	1000	6418677163425
KJ20.1	Cu 2.5-35 mm ² , width 13 mm, for hexagonal key	0.0117	1000	6418677163043

Supports for 2 x 10 mm busbars



PMR117	Support for 2 x 10 mm busbar, marked N	0.0047	100	6418677163180
PMR117.1	Support for 2 x 10 mm busbar, marked PE	0.0047	100	6418677163197
PMR1413	Support for 2 x 10 mm busbar	0.0016	100	6418677163203
PMR1427	Support for 2 x 10 mm busbar	0.0016	100	6418677163531
KJ19	Support for two 2 x 10 mm busbars, with joint	0.0234	100	6418677163234
KNL2	Protective cover support for RDP6	0.0037	200	6418677163241



Busbars, brass 2 x 10 mm



PSK20.037	L = 37 mm	0.0061	100	6418677163296
PSK20.046	L = 46 mm	0.0076	100	6418677163302
PSK20.055	L = 55 mm	0.0091	100	6418677163319
PSK20.064	L = 64 mm	0.0106	100	6418677163326
PSK20.073	L = 73 mm	0.0120	100	6418677163333
PSK20.082	L = 82 mm	0.0135	100	6418677163340
PSK20.100	L = 100 mm	0.0165	100	6418677163364
PSK20.109	L = 109 mm	0.0180	100	6418677163371
PSK20.118	L = 118 mm	0.0195	100	6418677163388
PSK20.127	L = 127 mm	0.0210	100	6418677163395
PSK20.136	L = 136 mm	0.0225	100	6418677163401
PSK20.161	L = 161 mm	0.0266	100	6418677163623
PSK20.175	L = 175 mm	0.0289	100	6418677163630
PSK152	L = 1000 mm	0.1707	10	6418677163418
PSK152.2	L = 2000 mm	0.0341	10	6418677163722

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Support for 3 x 12 mm busbars



PMR281	Support for 3 x 12 mm busbar	0.0035	200		6418677163449
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Busbar, copper, 3 x 12 mm

PSK131	L = 2000 mm	0.6300	10		6418677163456
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Shield for neutral busbar



RDP9	L = 2000 mm	0.1398	10		6418677163463
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Neutral terminal, 500 V



KJ7	Cu 35 mm ² , fixing to plate with screw	0.0372	250		6418677163524
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Character stickers for N and PE busbars

PEM730.1	L1 character, 250 characters per sheet	0.0020	1		6418677170447
PEM730.2	L2 character, 250 characters per sheet	0.0020	1		6418677170454
PEM730.3	L3 character, 250 characters per sheet	0.0020	1		6418677170461
PEM734	N character, 250 characters per sheet	0.0020	1		6418677163258
PEM735	PE character, 250 characters per sheet	0.0020	1		6418677163265
PEM736	PEN character, 230 characters per sheet	0.0020	1		6418677163272
PEM757	G character, 126 characters per sheet	0.0020	1		6418677163289

Character stickers for pillar terminals

PEM728.61	Character 1-20, 35 strips/sheet for 6 mm ² term.	0.0020	1		6418677163470
PEM728.621	Character 21-40, 35 strips/sheet for 6 mm ² term.	0.0020	1		6418677163487
PEM728.641	Character 41-60, 35 strips/sheet for 6 mm ² term.	0.0020	1		6418677163494
PEM728.16	Character 1-20, 35 strips/sheet for 16 mm ² term.	0.0020	1		6418677163517

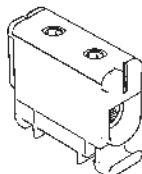
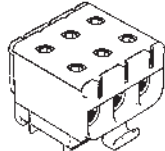
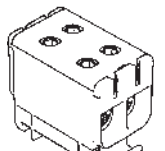
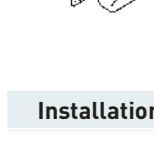
Ensto Clampo All-in-One Display Rack Products

Like installation-ready enclosures the Ensto Clampo range also includes installation-ready sets. They are clearly displayed in racks at well-equipped wholesaler outlets and other distributors' outlets.

The Ensto Clampo display rack products have their own product number, always ending with a T. Please note that the product number means one pack of products.

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Installation-ready Ensto Clampo Pro

	KE61SET	Mounting kit, Al 6-50 mm ² , Cu 2.5-50 mm ² , KE61.03 + KE61.2 + KE61.3	0.1370	10	6418677191800
	KE61T	Universal terminal block, grey, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product	0.0900	10	6418677192326
	KE61.03T	Universal terminal block, grey, 3-pole, Al 6-50 mm ² , Cu 2.5-50 mm ² , 2 blocks / product	0.1540	15	6418677192357
	KE61.2T	Universal terminal block, blue, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product	0.0900	10	6418677192333
	KE61.3T	Universal terminal block, yellow/green, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product	0.0900	10	6418677192340
	KE62SET	Mounting kit, Al 16-95 mm ² , Cu 16-95 mm ² , 3 x KE62 + KE62.2 + KE62.3	0.3380	10	6418677192432
	KE62T	Universal terminal block, grey, Al/Cu 16-95 mm ² , 3 blocks / product	0.2220	10	6418677192364
	KE62.2T	Universal terminal block, blue, Al/Cu 16-95 mm ² , 3 blocks / product	0.2220	10	6418677192371
	KE62.3T	Universal terminal block, yellow/green, Al/Cu 16-95 mm ² , 3 blocks / product	0.2220	10	6418677192388
	KE66T	Universal tapping block, grey, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product	0.1470	10	6418677192395
	KE66.2T	Universal tapping block, blue, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product	0.1470	10	6418677192401
	KE66.3T	Universal tapping block, yellow/green, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product	0.1470	10	6418677192418

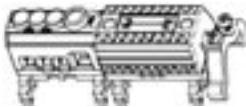
Installation-ready Ensto Clampo Apparatus

KE12.12T	Al transition terminal for MCB, 50 mm ² , 3 terminals / product	0.0390	30	6418677181764
KE12.20T	Al transition terminal for KSM- and KSR/KST3.63-3.80-switch, 50 mm ² , 3 terminals / product	0.0423	30	6418677181771
KE52.2T	Al/Cu 16-95 mm ² , class A, M = 14 Nm, 3 terminals / product	0.2970	10	6418677192494
KE53.2T	Al/Cu 35-150 mm ² , class A, M = 14/24 Nm, 3 terminals / product	0.5030	10	6418677192500
KE54.2T	Al/Cu 35-240 mm ² , class A, M = 12/40 Nm, 3 terminals / product	0.7010	10	6418677192517
KE56.1T	Al/Cu 2 x (16-95 mm ²), temp. class T1, M = 16Nm, 3 terminals / product	0.2350	10	6418677181726

Installation-ready Ensto Clampo Compact

KR8121T	Cu 6 mm ² , 12-pole with wire protection, 3 blocks / product	0.0510	10	6418677167980
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Installation-ready Ensto Clampo Ground

	KNN1.35T	N busbar, Cu 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted, 3 terminal / product	0.1314	10	6418677193118
	KNP1.35T	PE busbar, Cu 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted, 3 terminals / product	0.1314	10	6418677193125
	KNF1.35T	Tapping terminal, Cu 2 x (10 x 2.5 mm ²), 315 mm DIN rail mounted, 3 terminals / product	0.1314	10	6418677193132
	KRL8T	End support for DIN 15 and DIN 35 rails, 10 supports/product	0.0388	10	6418677193149
	KNL3T	Grounding of PE busbar to 35 mm DIN rail, 10 pcs/product	0.1117	10	6418677193101
	KNN20T	N busbar, Cu 1 x 35 mm ² + 3 x 16 mm ² + 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted	0.1063	10	6418677193156
	KNP20T	PE busbar, Cu 1 x 35 mm ² + 3 x 16 mm ² + 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted	0.1142	10	6418677193163
	KNF20T	Tapping terminal, Cu 1 x 35 mm ² + 3 x 16 mm ² + 2 x (10 x 2.5 mm ²), 315 mm DIN rail mounted	0.1063	10	6418677193170

Fuse Bases

Ensto's range of fuse bases covers ceramic single fuse bases and fuse blocks for Diazed fuses, sizes DII (max 25 A) and DIII (max 63 A).

A wide range of accessories is also available: protective covers, DIN rail clips and sealing covers.

PG 5020

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Single fuse bases

	KVC1.1	1 x 25 A	0.092	140	6418677160776
	KVC1.2	1 x 25 A	0.092	140	6418677160783
	KVC30	1 x 25 A fuse base with cover	0.126	50	6418677160790

Fuse blocks

	KVC421	2 x 25 A	0.185	70	6418677160806
	KVC431	3 x 25 A	0.280	50	6418677160813
	KVC441	4 x 25 A	0.360	35	6418677160820
	KVC451	5 x 25 A	0.456	25	6418677160837
	KVC461	6 x 25 A	0.544	25	6418677160844
	KVC471	7 x 25 A	0.648	20	6418677160851
	KVC481	8 x 25 A	0.726	20	6418677160868

Single fuse bases

	KV25.1	1 x 25 A	0.101	140	6418677160875
	KV25.2	1 x 25 A	0.096	140	6418677160882
	KV25.291	1 x 25 A	0.100	100	6418677160899
	KV25.211	1 x 25 A	0.102	100	6418677160905
	KV63.1	1 x 63 A	0.160	100	6418677160912
	KV63.2	1 x 63 A	0.160	100	6418677160929
	KV63.211	1 x 63 A	0.156	75	6418677160936
	KV63.291	1 x 63 A	0.158	75	6418677160943

Single fuse bases with DIN rail fixing

	KVC1.7	1 x 25 A	0.100	100	6418677160950
	KV63.7	1 x 63 A	0.168	100	6418677160967

Single fuse bases with Al/Cu terminal

	KVC1.5	1 x 25 A, max Al 50 mm ² , Cu 35 mm ²	0.102	50	6418677160974
	KVC1.57	1 x 25 A, with DIN rail fixing, max Al 50 mm ² , Cu 35 mm ²	0.114	50	6418677160981
	KV63.5	1 x 63 A, max Al 50 mm ² , Cu 35 mm ²	0.172	100	6418677160998
	KV63.57	1 x 63 A, with DIN rail fixing, max Al 50 mm ² , Cu 35 mm ²	0.172	100	6418677161001
	PMR2	Cover for the Al terminal	0.005	10	6418677170386

Fuse blocks

	KV63.421	2 x 63 A	0.306	50	6418677161018
	KV63.431	3 x 63 A	0.480	35	6418677161025
	KV63.441	4 x 63 A	0.645	24	6418677161032
	KV63.451	5 x 63 A	0.796	24	6418677161049
	KV63.461	6 x 63 A	0.950	15	6418677161056

Fuse blocks with DIN rail fixing

KV63.721	2 x 63A	0.320	50	6418677181016
KV63.731	3 x 63A	0.481	35	6418677181023
KV63.741	4 x 63A	0.655	24	6418677181030
KV63.751	5 x 63A	0.809	24	6418677181047
KV63.761	6 x 63A	0.970	15	6418677181054

Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Combined fuse blocks

KVC1.31	3 x 25 A + 1 x 63 A	0.465	30		6418677161063
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Porcelain rings

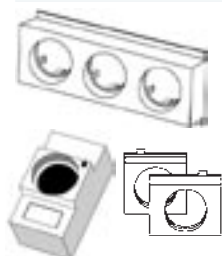


PR1.25	For 25 A fuse base	0.025	480		6418677161216
PR2.25	For 25 A fuse base with slot	0.024	480		6418677161223
PR3.63	For 63 A fuse base	0.036	280		6418677161230
PR4.63	For 25 A fuse base with slot	0.038	280		6418677161247

Fixing spring for fuse bases

PJ3.25	For ring PR2.25	0.002	500		6418677161254
PJ4.63	For ring PR4.63	0.002	500		6418677161261

Protective covers



PMR450	50 x 45 mm, for KVC fuse blocks	0.012	500		6418677161285
PMR450.1	52.5 x 45 mm, for KVC single fuse blocks	0.013	500		6418677161292
PMR450.3	150 x 45 mm, for KVC fuse blocks	0.034	100		6418677161308
PMR595	52.5 x 45 mm, for 63 A single fuse blocks	0.011	500		6418677161315
PMR595.1	60 x 45 mm, for 63 A fuse blocks	0.011	500		6418677161322
PMR597	Cover for 25 A, KVC1.x single fuse bases	0.024	100		6418677161339
PMR77	Cover for 63 A, KV single fuse bases	0.042	50		6418677161346

DIN rail fixings



KW2	Metallic spring	0.006	100		6418677161360
PMR447	Plastic snap-on device, for KVC fuse bases&blocks	0.004	500		6418677161377
KW21	Plastic snap-on device, for 4-8 x 25 A KVC fuse blocks	0.005	500		6418677161384
PMR824	KW21 without screw	0.004	500		6418677161391
PLP4	Screw for KW21	0.002	500		6418677161407

Name plate holders



PMR550.25	6-piece, for 25 A fuse blocks, self-adhesive	0.010	300		6418677161445
PMR550.63	6-piece, for 63 A fuse blocks, self-adhesive	0.013	300		6418677161452

Sealing covers



KW20	For sealing 25 A bases	0.025	50		6418677161469
PMR11	Sealing cover for MCB, 1-pole	0.006	200		6418677161278

Reduction ring

KW19	E33/E27, (63 A/25 A)	0.021	100		6418677161483
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Accessories for miniature circuit breakers

ST1	Locking device for MCB	0.0035	500		6418677167546
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All-in-One Display Rack Products, Enclosures and Components

Ordering number	Description	Dimensions mm			Inner depth mm	Weight each kg	Standard package pcs	EAN 13 code
		W	H	D				

Installation-ready enclosures

SPCM131308G001	Cubo S1 incl. cable glands and wall mtg, lugs	125	125	75	60.5	0.446	1	6418677182303
SPCM131808G002	Cubo S2 incl. cable glands and wall mtg, lugs	125	175	75	60.5	0.619	1	6418677182310
SPCM182515G003	Cubo S3 incl. cable glands and wall mtg, lugs	175	250	150	135.5	1.392	1	6418677182327
TPM131308G001	Cubo T1, Cu 12 x 6 mm ²	125	125	75	60.5	0.474	1	6418677182372
TPCF203013G002	Cubo T2, Al/Cu 5 x 6-35 mm ²	200	300	132	115.0	1.862	1	6418677182389
TPCF304013G003	Cubo T3, Al/Cu 5 x 16-95 mm ²	300	400	132	115.0	3.319	1	6418677182396
TPCF304013G004	Cubo T4, Al/Cu 2 x (5 x 16-70 mm ²)	300	400	132	115.0	3.560	1	6418677182402
TPCF306013G005	Cubo T5, Al/Cu 2 x (5 x 35-150 mm ²)	300	600	132	115.0	5.769	1	6418677182419
WPCJ303013G001	Cubo W1 incl. flanges and wall mounting lugs	300	300	132	115.0	3.293	1	6418677182358
WPCF304013G002	Cubo W2 incl. flanges and wall mounting lugs	300	400	132	115.0	4.228	1	6418677182365
RPCF3313DS001	Cubo R1 for 12 modules, incl. flanges, DIN rail and wall mtg. lugs	300	300	132	67.5/116	3.293	1	6418677182334
RPCF3413DS002	Cubo R2 for 24 modules, incl. flanges, DIN rail and wall mtg. lugs	300	400	132	67.5/116	4.228	1	6418677182341
CPCF303013G001	Cubo C1, incl. flange and wall mounting lugs	300	300	132	115.0	2.820	1	6418677182549
CPCF304013G002	Cubo C2, incl. flange and wall mounting lugs	300	400	132	115.0	3.582	1	6418677182570

Installation-ready small modular enclosures

CUBEL011	All-in-one modular enclosure	222	210	95		0.790	1	6418677182594
CUBEL011KS25	All-in-one modular enclosure, incl. 25A switch	222	210	95		0.923	1	6418677181528
PMR54.20T	Socket joints, a bag of 10 pcs					0.011	1	6418677163807

Accessories for installation-ready enclosures

F2202KIT	Flange set, F2202	84	215	40		0.323	1	6418677182556
F2GSS20T	Mounting kit for C bases, F2 size	200	250	15		0.0804	1	6418677181504
OLSH1.2	Hinged cover screws, pair, blue	130	170	15		0.017	1	6418677181511
OFPP33	Front panel, PE, RAL 7035	286	286	2		0.184	1	6418677182785
OFPP34	Front panel, PE, RAL 7035	286	386	2		0.240	1	6418677182792
KJ8.13	Strain relief for 1 cable, 300 mm side	65	265	85		0.463	1	6418677172755
KJ8.23	Strain relief for 2 cables, 300 mm side	65	265	85		0.602	1	6418677173271
F2CE.1T	Cable entry for 1 cable, F2 size	84	215	40		0.413	1	6418677181535

Sets, cable glands with strain reliefs and counter nuts, incl. one blind plug

KTM1.1	2 pcs M12, 3 pcs M16, 2 pcs M20	135	210	25		0.063	1	6418677173233
KTM2.1	3 pcs M16, 2 pcs M20, 2 pcs M25	135	210	30		0.094	1	6418677173240
KTM3.1	4 pcs M20, 2 pcs M25, 1 pcs M32	135	210	35		0.126	1	6418677173257

Installation-ready Ensto Compact load break switches

KS3.40T	3 x 40 A, Load break switch including direct handle					0.1330	50	6418677180729
KS3.63T	3 x 63 A, Load break switch including direct handle					0.1330	50	6418677180170
KS1.63T	4th pole 63 A					0.0460	50	6418677180194
KSA1T	NO + NC auxiliary contact 16 A					0.051	50	6418677180187
KSH29.200T	Ext. handle, not lockable, IP 54, 0/1, black and 200 mm shaft					0.0747	100	6418677180125

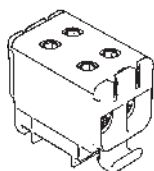
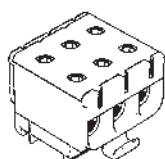
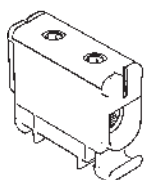
Ordering number	Description	Weight each kg	Standard package pcs		EAN 13 code
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Installation-ready enclosed switches



KKPC3.16BNMT	Black handle, 16 A, 3-pole + N + PE, M20 threaded knock-out	86 133 104	0.3550	25	6418677180132
KKPC3.16BART	Red/yellow, 16 A, 3-pole + N + PE + A, M20 threaded knock-out	86 133 104	0.4070	25	6418677180149
KKPC6.25VNKT	Red/yellow, 25 A, 6-pole + N + PE, M25 knock-out	175 175 161	1.1120	2	6418677180156

Installation-ready Ensto Clampo Pro



KE61SET	Mounting kit, Al 6-50 mm ² , Cu 2.5-50 mm ² , KE61.03 + KE61.2 + KE61.3		0.1370	10	6418677191800
KE61T	Universal terminal block, grey, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product		0.0900	10	6418677192326
KE61.03T	Universal terminal block, grey, 3-pole, Al 6-50 mm ² , Cu 2.5-50 mm ² , 2 blocks / product		0.1540	15	6418677192357
KE61.2T	Universal terminal block, blue, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product		0.0900	10	6418677192333
KE61.3T	Universal terminal block, yellow/green, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product		0.0900	10	6418677192340
KE62SET	Mounting kit, Al 16-95 mm ² , Cu 16-95 mm ² , 3 x KE62 + KE62.2 + KE62.3		0.3380	10	6418677192432
KE62T	Universal terminal block, grey, Al/Cu 16-95 mm ² , 3 blocks / product		0.2220	10	6418677192364
KE62.2T	Universal terminal block, blue, Al/Cu 16-95 mm ² , 3 blocks / product		0.2220	10	6418677192371
KE62.3T	Universal terminal block, yellow/green, Al/Cu 16-95 mm ² , 3 blocks / product		0.2220	10	6418677192388
KE66T	Universal tapping block, grey, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product		0.1470	10	6418677192395
KE66.2T	Universal tapping block, blue, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product		0.1470	10	6418677192401
KE66.3T	Universal tapping block, yellow/green, Al 6-50 mm ² , Cu 2.5-50 mm ² , 3 blocks / product		0.1470	10	6418677192418

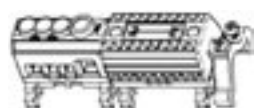
Installation-ready Ensto Clampo Apparatus

KE12.12T	Al transition terminal for MCB, 50 mm ² , 3 terminals / product	0.0390	30	6418677181764
KE12.20T	Al transition terminal for KSM- and KSR/KST3.63-3.80-switch, 50 mm ² , 3 terminals / product	0.0423	30	6418677181771
KE52.2T	Al/Cu 16-95 mm ² , class A, M = 14 Nm, 3 terminals / product	0.2970	10	6418677192494
KE53.2T	Al/Cu 35-150 mm ² , class A, M = 14/24 Nm, 3 terminals / product	0.5030	10	6418677192500
KE54.2T	Al/Cu 35-240 mm ² , class A, M = 12/40 Nm, 3 terminals / product	0.7010	10	6418677192517
KE56.1T	Al/Cu 2 x (16-95 mm ²), temp.class T1, M = 16Nm, 3 terminals / product	0.2350	10	6418677181726

Installation-ready Ensto Clampo Compact

KR8121T	Cu 6 mm ² , 12-pole with wire protection, 3 blocks / product	0.0510	10	6418677167980
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Installation-ready Ensto Clampo Ground



KNN1.35T	N busbar, Cu 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted, 3 terminal / product	0.1314	10	6418677193118
KNP1.35T	PE busbar, Cu 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted, 3 terminals / product	0.1314	10	6418677193125
KNF1.35T	Tapping terminal, Cu 2 x (10 x 2.5 mm ²), 315 mm DIN rail mounted, 3 terminals / product	0.1314	10	6418677193132
KRL8T	End support for DIN 15 and DIN 35 rails, 10 supports/product	0.0388	10	6418677193149
KNL3T	Grounding of PE busbar to 35 mm DIN rail, 10 pcs/product	0.1117	10	6418677193101
KNN20T	N busbar, Cu 1 x 35 mm ² + 3 x 16 mm ² + 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted	0.1063	10	6418677193156
KNP20T	PE busbar, Cu 1 x 35 mm ² + 3 x 16 mm ² + 2 x (10 x 2.5 mm ²), 35 mm DIN rail mounted	0.1142	10	6418677193163
KNF20T	Tapping terminal, Cu 1 x 35 mm ² + 3 x 16 mm ² + 2 x (10 x 2.5 mm ²), 315 mm DIN rail mounted	0.1063	10	6418677193170
ST1T	Locking device for miniature circuit breakers, 10 devices/product	0.0350	1	6418677167799

Ensto Clampo Conductor Table

Conductors that can be used with the terminals: number, cross-section and type.

- Nominal cross-sections are in bold type.
- Often the requirements of a specific apparatus restrict the number of conductors.
- Usually a maximum of three adjacent cross-sections in one space.
- The nominal current of the terminal must not be exceeded.

- In general, the conductors connected to one conductor space of a connector must be of the same type.
- Table values require careful installation.
- After installation, check that all conductors are pressed into a connection.
- We recommend a ferrule when using a fine stranded conductor.

- According to installation standard SFS 6000: 1999 section 810.2.6, each incoming and outgoing protection and neutral conductor in a panel must have its own separate terminal.
- The conductor numbers below refer only to industrially installed terminals (internal connections in a panel), (SGS Fimko).

Ordering number		Cross-sections of conductors (mm ²) and number of conductors/space. The conductor numbers below refer only to industrially installed terminals.																Nominal current (A)	Nominal insulation voltage (V)	Nominal tightening torque (Nm)
		1.5	2.5	4	6	10	16	25	35	50	70	95	120	150	185	240	300			
KE61	Al Cu				1 3	1 3	1 2	1 1	1 1	1 1								145 160	750	10
KE62	Al Cu						1 3	1 2	1 2	1 1	1 1	1 1						220 245	750	14
KE63	Al Cu								1 3	1 2	1 1	1 1	1 1	1 1				290 320	750	14 (35-95 mm ²) 24 (120-150 mm ²)
KE64	Al Cu								1 3	1 3	1 2	1 1	1 1	1 1	1 1	1 1		380 425	750	12 (35-70 mm ²) 40 (95-240 mm ²)
KE66	Al Cu				1 3	1 3	1 2	1 1	1 1	1 1								290 320	750	10
KE67	Al Cu						1 3	1 2	1 2	1 1	1 1	1 1						440 490	750	14
KE68	Al Cu								1 3	1 3	1 2	1 1	1 1	1 1				580 640	750	14 (35-95 mm ²) 24 (120-150 mm ²)
KE69	Al Cu								1 3	1 3	1 2	1 1	1 1	1 1	1 1	1 1		630 730	750	12 (35-70 mm ²) 40 (95-240 mm ²)
KE85	Main conductor Al/Cu Branch conductor Cu				2	1 2	1 1	1 1	1 1									99	750	4
KE86	Main conductor Al/Cu Branch conductor Cu					1 2	1 2	1 1	1 1	1 1								171	750	8
KE87	Main conductor Al/Cu Branch conductor Cu						2	1 2	1 2	1 1	1 1	1 1						215	750	10
KE12	Al Cu				1 1	1 1	1 1	1 1	1 1	1 1								145 160	750	10
KE52.2	Al Cu						1 3	1 2	1 2	1 1	1 1	1 1						270		14
KE53.2	Al Cu								1 3	1 2	1 1	1 1	1 1	1 1				320		14 (35-95 mm ²) 24 (120-150 mm ²)
KE54.2	Al Cu								1 3	1 3	1 2	1 1	1 1	1 1	1 1	1 1		425		12 (35-70 mm ²) 40 (95-240 mm ²)
KE55	Al Cu												1 1	1 1	1 1	1 1	1 1	420		25
KE56.1	Al Cu					1 1	1 1	1 1	1 1	1 1	1 1	1 1						440 490		16 2 conductor spaces 2 conductor spaces
KE57	Al Cu											1 1	1 1	1 1	1 1			400		35 2 conductor spaces 2 conductor spaces
KE58	Al Cu													1 1	1 1	1 1	1 1	630		35 2 conductor spaces 2 conductor spaces
KE73.2	Al Cu								1 3	1 2	1 1	1 1	1 1	1 1				320	750	14 (35-95 mm ²) 24 (120-150 mm ²)
KE74.2	Al Cu								1 3	1 3	1 2	1 1	1 1	1 1	1 1	1 1		425		12 (35-70 mm ²) 40 (95-240 mm ²)
KE75	Al Cu												1 1	1 1	1 1	1 1	1 1	420	750	25
KE77	Al Cu											1 1	1 1	1 1	1 1			400	750	35 2 conductor spaces 2 conductor spaces
KE78	Al Cu													1 1	1 1	1 1	1 1	630	750	35 2 conductor spaces 2 conductor spaces
KE1	Cu				7	7	4	2	2	1	1							156	750	
KE80	Cu					7	7	5	5	3	3	2						270	750	2
KE80.15	See KE80 and PPK2																	270	750	
KE81	Cu					7	7	7	7	7	5	4	3	2	2			490	750	9
KE82	Cu								7	6	6	4	4	3	2	2	2	560	750	6
KE82.15	See KE82 and PSS63																	560	750	
KF11	Cu	7	6	4	3	2												33	500	3.5
KF9	Cu	7	7	6	5	3	2											62	500	4
KF10	Cu		7	7	7	6	3	2										82	500	5
KF10.1	Cu		7	7	7	6	3	2										82	500	5
KF10.3	Cu			4	7	7	4	3	2									107	500	5
KF13	Cu	7	7	6	5	3	2											62	500	4
KF14	Cu		7	7	7	6	3	2										82	500	5
KF14.3	Cu			4	7	7	4	3	2									107	500	5
KF17	Cu	5	5	4	4	2	1											100	400	2

Ordering number		Cross-sections of conductors (mm²) and number of conductors/space.																		Nominal current (A)	Nominal insulation voltage (V)	Nominal tightening torque (Nm)
		The conductor numbers below refer only to industrially installed terminals.																				
		1.5	2.5	4	6	10	16	25	35	50	70	95	120	150	185	240	300					
KF7.10	Cu		7	6	5	3	2											62	750	2.5		
KF8.10	Cu		7	6	5	3	2											62	750	2.5		
KF7.70	Cu				7	7	6	4	4	2	2	1						200	750	4		
KF8.70	Cu				7	7	6	4	4	2	2	1						200	750	4		
KF5.06	Cu	7	6	4	3	2												33	500	3.5		
KF5.10	Cu		7	6	5	3	2											62	500	4		
KF5.16	Cu		7	7	7	6	3	2										82	500	5		
KG1.2	Cu		6	6	7	7	4	3	2	1	1							200				
KG4	Cu			7	7	7	7	6	4	4	3	2	1	1	1	1		365				
KG5	Cu				7	7	7	7	7	7	5	4	3	2	2	2	1	425				
KG5.1	Cu				5	7	7	6	6	4	2	2	1	1	1	1		425				
KR5000-series	Cu	1																17,5	450	0.4		
KR8000-series	Cu	3	2	1	1													41	750	0.8		
KR10000-series	Cu				1	1	1											76	750	2.5		
KE33	Cu	3	3	3	3	3	2	1	1									135	750	3.5		
KN20.415 and 435	See KJ18 and KJ20																	135	800	2 (KJ18) and 4 (KJ20)		
KNN1.15 and 35, T	Cu	1	1															135	800	1.2 (joint screw)		
KNP1.15 and 35, T	Cu	1	1															135	800	1.2 (joint screw)		
KNF1.15 and 35, T	Cu	1	1															135	800	1.2 (joint screw)		
KNA4.and and P	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA4.106 and P	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA4.108 and P, NP	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA4.110 and P	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA4.112 and P	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA4.114 and P, NP	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA4.120 and P, NP	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA4.126NP	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA4.136NP	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KN4.102	Cu	5	5	4	4	2	1											82	500	2		
KN4.104	Cu	5	5	4	4	2	1											82	500	2		
KN4.106	Cu	5	5	4	4	2	1											82	500	2		
KN4.108	Cu	5	5	4	4	2	1											82	500	2		
KN4.110	Cu	5	5	4	4	2	1											82	500	2		
KN4.112	Cu	5	5	4	4	2	1											82	500	2		
KND4.103N and P, NP	Cu		5	5	5	4	2	1	1									135	500	4		
KN4.204	Cu	5	5	4	4	2	1											82	500	2		
KN4.206	Cu	5	5	4	4	2	1											82	500	2		
KN4.208	Cu	5	5	4	4	2	1											82	500	2		
KN4.210	Cu	5	5	4	4	2	1											82	500	2		
KN4.212	Cu	5	5	4	4	2	1											82	500	2		
KNA5.108	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA5.113	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA5.117	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA5.120	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA5.125	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA5.130	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA5.134	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KNA5.138	See KJ25 and KJ18																	82	500	0.8 (KJ25) and 2 (KJ18)		
KN2.2	Cu	5	5	4	3	2	1	1										82				
KN2.3	Cu	5	5	4	3	2	1	1										82				
KN2.4	Cu	5	5	4	3	2	1	1										82				
KN2.5	Cu	5	5	4	3	2	1	1										82				
KN2.6	Cu	5	5	4	3	2	1	1										82				
KN2.7	Cu	5	5	4	3	2	1	1										82				
KN2.8	Cu	5	5	4	3	2	1	1										82				
PPK29	Cu	4	4	4	2	2	1											33				
PPK28	Cu	5	5	4	3	2	1	1										82				
PPK9	Cu	5	5	5	5	4	2	1	1	1								135				
PPK2	Cu		5	5	5	5	5	3	2	1	1	1						270		3		
PSS63	Cu							5	5	4	3	2	2	1	1	1	1	535		6		
KJ25	Cu	5	3	2	2													33		0.8		
KJ18	Cu	5	5	4	4	2	1											82		2		
KJ20	Cu		5	5	5	4	2	1	1									135		4		
KJ29	Al Cu					1	1	1	1	1	1							145		10		
KJ7	Cu	3	3	3	3	3	2	1	1									135	500	2.5		
KNN20T	See KN20.415 and KNN1.15																	135	800			
KNP20T	See KN20.415 and KNP1.15																	135	800			
KNF20T	See KN20.415 and KNF1.15																	135	800			

Ensto Compact Switches

Electrical and mechanical characteristics according to EN 60947-3

	Panel and DIN rail mounted						
	3-pole	KS 3.16 KS 31.16	KS 3.20 KS 31.20	KS 3.25 KS 31.25	KS 3.32 KS 31.32	KS 3.40 KS 31.40	KS 3.63 KS 31.63
	4th pole	KS 1.16	KS 1.20	KS 1.25	KS 1.32	KS 1.40	KS 1.63
Conventional free air thermal current I_{th}	A	16	20	25	32	40	63
Rated insulation voltage U_i	V	800	800	800	800	800	800
Rated impulse withstand voltage U_{imp}	kV	8	8	8	8	8	8
Rated operational current I_e							
AC 21 A 415V	A	16	20	25	32	40	63
500V	A	16	20	25	32	40	63
690V	A	16	20	25	32	40	63
AC 22 A 415V	A	16	20	25	32	40	63
500V	A	16	20	25	32	40	63
690V	A	16	20	25	32	40	63
AC 23 A 415V	A	16	20	25	32	40	63
500V	A	16	20	25	32	40	40
690V	A	16	20	25	25	25	25
Rated operational power P_e							
AC 23 A 415V (for stan-	kW	7.5	7.5	11	15	18.5	30
500V dard	kW	7.5	11	15	18.5	22	22
690V motor)	kW	11	15	22	22	22	22
Short-circuit characteristics (415 VAC)							
Rated short-time withstand current, 1s, I_{cw}	A_{rms}	1260	1260	1260	1260	1260	1260
Rated conditional short-circuit current	kA_{rms}	50	50	50	50	50	20/50
Max. fuse (gG)	A	16	20	25	32	40	63/40
Max. cut-off current	kA_{peak}	6	6	6	6	6	6/6
Max. Joule integral	kA^2s	6.8	6.8	6.8	6.8	6.8	15/6.8
Making and breaking characteristics							
Making capacity 415V AC 23 A	A	160	200	250	320	400	630
Breaking capacity 415V AC 23 A	A	128	160	200	256	320	504
Endurance (number of operations)							
Mechanical		100 000	100 000	100 000	100 000	100 000	100 000
Electrical		3 000	3 000	3 000	3 000	3 000	3 000
Terminals (Cu)	mm ²	1.5–16	1.5–16	1.5–16	1.5–16	1.5–16	1.5–16
Tightening torque	Nm	2	2	2	2	2	2
Weight 3-pole switch with direct operation	gr	135	135	135	135	135	135
4th pole	gr	45	45	45	45	45	45

Ensto Compact Industrial Switches

Electrical and mechanical characteristics according to IEC 947-3.

	3-pole switch 4-pole switch	KSL 3.160 KSL 4.160	KSL 3.200 KSL 4.200	KSL 3.250 KSL 4.250	KSL 3.315 KSL 4.315	KSL 3.400 KSL 4.400
Conventional free air thermal current (40° C) I_{th}		160 A	200 A	250 A	315 A	400 A
Max fuse (A)		125	200	200	315	315
Rated insulation voltage U_i (V)		750	750	750	1000	1000
Dielectric strength (V) 50 Hz 1min		5000	5000	5000	8000	8000
Rated impulse withstand voltage U_{imp} (kV)		12	12	12	12	12
Rated operational current I_g (A)		A/B	A/B	A/B	A/B	A/B
400 V AC	AC 21 A / AC 21 B	160/160	200/200	250/250	315/315	400/400
	AC 22 A / AC 22 B	160/160	200/200	250/250	315/315	400/400
	AC 23 A / AC 23 B	125/160	200/200	250/250	315/315	400/400
500 V AC	AC 21 A / AC 21 B	160/160	200/200	250/250	315/315	400/400
	AC 22 A / AC 22 B	125/125	200/200	250/250	315/315	400/400
	AC 23 A / AC 23 B	100/100	160/200	200/250	315/315	315/315
690 V AC	AC 20 A / AC 20 B	160/160	200/200	250/250	315/315	400/400
	AC 21 A / AC 21 B	160/160	160/200	200/250	315/315	400/400
	AC 22 A / AC 22 B	125/125	125/160	125/160	250/315	250/315
	AC 23 A / AC 23 B	63/80	80/100	100/125	160/200	160/200
260 V DC	DC 20 A / DC 20 B	160/160	200/200	250/250	315/315	400/400
	DC 21 A / DC 21 B	160/160	160/200	250/250	315/315	400/400
	DC 22 A / DC 22 B	160/160	160/200	250/250	315/315	400/400
	DC 23 A / DC 23 B	125/125	160/160	200/200	315/315	400/400
400 V DC	DC 20 A / DC 20 B	160/160	200/200	250/250	315/315	400/400
	DC 21 A / DC 21 B	160/160	200/200	250/250	315/315	400/400
	DC 22 A / DC 22 B	125/125	160/160	200/200	315/315	400/400
	DC 23 A / DC 23 B	125/125	160/125	200/200	315/315	400/315
500 V DC	DC 20 A / DC 20 B	160/160	200/200	250/250	315/315	400/400
	DC 21 A / DC 21 B	125/125	160/200	200/200	315/315	400/400
	DC 22 A / DC 22 B	125/125	160/160	200/200	315/315	400/315
	DC 23 A / DC 23 B	125/125	160/100	200/200	315/250	400/250
Motorpower (kW)						
400 V AC without pre-break auxiliary contact		63/80	100/100	132/132	160/160	220/220
500 V AC without pre-break auxiliary contact		63/63	140/140	160/160	220/220	220/220
690 V AC without pre-break auxiliary contact		55/75	75/90	90/110	150/185	150/185
400 V AC with pre-break auxiliary contact		80/80	100/100	132/132	160/160	220/220
500 V AC with pre-break auxiliary contact		80/80	140/140	160/160	220/220	280/280
690 V AC with pre-break auxiliary contact		110/110	110/150	110/150	185/295	274/295
Reactive power 400 V AC (kVAR)		60	75	100	125	150
Overload capacity						
Rated conditional short-circuit current (kA_{rms})		100	100	100	100	100
Max. cutoff current (kA_{peak})		20	30	30	45	45
Rated short-time withstand current, 1 s (kA_{rms})		7	9	9	13	13
Making and breaking characteristics						
Making capacity 400 V AC 23 A (A_{rms})		1000	1600	2000	2520	3200
Breaking capacity 400 V AC 23 A (A_{rms})		1250	2000	2500	3150	4000
Short-circuit making capacity with fuses (kA_{peak})		12	17	17	30	30
Endurance						
Mechanical (number of operations)		10000	10000	10000	5000	5000
Electrical (number of operations) 400 V AC 23		1000/200	1000/200	1000/200	1000/200	1000/200
Operating force (Nm)		6.5	10	10	14.5	14.5
Connection						
Min. cross-section, Cu-conductor (mm ²) at I_n		50	70	95	150	185
Min. Cu-busbar (mm x mm) at I_n		-	-	-	-	-
Max. cross-section Cu-conductor (mm ²)		95	95	150	240	240
Max. width of Cu-busbar (mm)		25	32	32	40	40
Weight	3-pole switch (kg)	1.5	2	2	3.5	3.5
	4-pole switch (kg)	1.5	2	2	4	4

Data subject to change without notice

KSL 3.630 KSL 4.630	KSH 3.800 KSH 4.800	KSH 3.1000 KSH 4.1000	KSH 3.1250 KSH 4.1250	KSH 3.1600 KSH 4.1600	KSH 3.2000 KSH 4.2000	KSH 3.2500 KSH 3.2500	KSH 3.3150 KSH 4.3150
630 A	800 A	1000 A	1250 A	1600 A	2000 A	2500 A	3150 A
500	630	800	1000	1250	2x800	2x1000	2x1250
1000	1000	1000	1000	1000	1000	1000	1000
8000	8000	1000	1000	1000	1000	1000	1000
12	12	12	12	12	12	12	12
A/B	A/B	A/B	A/B	A/B	A/B	A/B	A/B
630/630	800/800	1000/1000	1250/1250	1600/1600	2000/2000	2500/2500	3150/3150
630/630	800/800	1000/1000	1250/1250	1250/1250	1600/2000	2000/2500	2500/2500
400/500	800/800	1000/1000	1000/1000	1000/1000	1250/1250	1250/1250	1250/1250
630/630	800/800	1000/1000	1250/1250	1600/1600	2000/2000	2000/2000	3150/3150
500/500	800/800	1000/1000	1000/1250	1250/1250	1250/1600	1600/2000	2000/2000
315/315	630/800	800/1000	800/1000	1000/1000	1000/1000	1000/1000	1000/1000
630/630	800/800	1000/1000	1250/1250	1600/1600	2000/2000	2500/2500	3150/3150
500/500	800/800	1000/1000	1000/1250	1600/1600	2000/2000	2000/2500	2000/2000
315/315	500/630	630/800	630/800	800/800	800/1000	1000/1000	1000/1000
160/200	200/250	400/500	400/500	500/500	500/630	800/800	800/800
630/630	800/800	1000/1000	1250/1250	1600/1600	2000/2000	2500/2500	3150/3150
630/630	800/800	1000/1000	1250/1250	1600/1600	2000/2000	2000/2500	2000/2000
500/500	800/800	1000/1000	1250/1250	1250/1250	1250/1600	1250/1600	1250/1250
500/500	800/800	1000/1000	1250/1250	1250/1250	1250/1250	1250/1600	1250/1250
630/630	800/800	1000/1000	1250/1250	1600/1600	2000/2000	2500/2500	3150/3150
500/500	630/800	1000/1000	1250/1250	1600/1600	2000/2000	2000/2000	2000/2000
500/500	800/630	1000/1000	1250/1250	1250/1250	1250/1250	1250/1250	1250/1250
500/500	800/500	1000/800	1000/1000	1000/1000	1000/1000	1000/1000	1000/1000
630/630	800/800	1000/1000	1250/1250	1600/1600	2000/2000	2500/2500	3150/3150
500/500	630/630	1000/1000	1250/1250	1250/1250	1250/1250	1250/1250	1250/1250
500/500	800/500	1000/1000	1250/1250	1250/1250	1250/1250	1250/1250	1250/1250
500/500	800/400	1000/630	1000/1000	1000/1000	1000/1000	1000/1000	1000/1000
220/295	475/475	560/560	560/560	560/560	710/710	710/710	710/710
220/220	450/560	560/710	560/710	710/710	710/710	710/710	710/710
150/185	185/220	400/475	400/475	475/475	475/600	750/750	750/750
355/355	450/450	560/560	710/710	710/710	900/1100	1100/1100	1100/1100
355/355	560/560	710/710	710/900	900/900	900/1100	1100/1100	1100/1100
295/295	475/600	600/750	600/750	750/750	750/900	900/900	900/900
2x125	2x150	3x150	4x125	5x150	6x150	7x150	9x150
70	70	100	100	120	120	120	120
45	55	100	500	110	110	110	120
13	26	50	50	50	50	50	55
3200	6400	8000	8000	8000	10000	10000	10000
4000	8000	10000	10000	10000	12500	12500	12500
30	50	70	70	70	80	80	85
5000	4000	4000	4000	3000	3000	2500	2500
1000/200	500/100	500/100	500/100	500/100	500/100	500/100	500/100
14.5	37	37	37	60	60	60	60
2x150	2x185	2x240					
2x30x5	2x40x5	2x50x5	2x60x5	2x80x5	3x100x5	4x100x5	4x100x5
2x300	2x300	4x185	4x185	6x240	-	-	-
50	63	100	100	100	125	125	125
3.5	8	10,5	10,5	16	31	32	42
4.5	10	13	13	20	40	40	49

Ensto Origin Switches

Electrical and mechanical characteristics according to EN 60947-3

Rotary switch										
Ordering number		KSR 3.25	KSR 3.32	KSR 3.40	KSR 3.63	KSR 3.80	KSR 3.100	KSR 4.32	KSR 4.40	KSR 4.63
Number of poles		3	3	3	3	3	3	4	4	4
Rated insulation voltage U_i	V	690	690	690	690	690	690	690	690	690
Conventional free air thermal current I_{th}	A	25	32	40	63	80	100	32	40	63
Rated impulse withstand voltage U_{imp}	kV	8	8	8	8	8	8	8	8	8
Rated operational current I_e										
AC 21 A $\leq$ 415V 500V 690V	A	25	32	40	63	80	100	32	40	63
	A	25	32	40	63	80	100	32	40	63
	A	25	32	40	63	80	80	32	40	63
AC 22 A $\leq$ 415V 500V 690V	A	25	32	40	63	80	100	32	40	63
	A	25	32	40	63	80	100	32	40	63
	A	25	32	40	63	80	80	32	40	63
AC 23 A $\leq$ 415V 500V 690V	A	16	20	25	63	63	63	20	25	40
	A	16	20	25	45	45	45	20	25	30
	A	16	20	25	32	40	40	20	25	25
Rated operational power										
AC 23 A 415V 500V 690V	kW	7.5	7.5	11	30	30	30	7.5	11	18.5
	kW	7.5	11	15	30	30	30	11	15	18.5
	kW	11	15	22	30	37	37	15	22	22
Short-circuit characteristics (415V AC)										
Rated conditional short-circuit current	kA rms	50	50	10	10	10	10	10	10	10
Max. fuses	A	35	35	63	100	100	100	35	63	63
Max. cut-off current	kA peak	3.5	3.5	3.7	5.8	5.8	5.8	3.5	3.7	3.7
Max. Joule integral	kA ² s	1.8	1.8	6.1	30.9	30.9	30.9	1.8	6.1	6.1
AC Making/Breaking capacity $\leq$ 415V 500V 690V	A	400/320	400/320	400/320	630/510	630/510	630/510	400/320	400/320	400/320
	A	300/240	300/240	300/240	600/480	600/480	600/480	300/240	300/240	300/240
	A	250/200	250/200	250/200	390/310	400/320	400/320	250/200	250/200	250/200
Electrical endurance Pf 0,65	n.*)	1500	1500	1500	1500	1500	1500	1500	1500	1500
Mechanical endurance	n.*)	8500	8500	8500	8500	8500	8500	8500	8500	8500
Terminals (Cu) Weight	mm ² g	1.5 - 16 165			6 - 35 270			1.5 - 25 220		

n.*) = Number of operation

Data subject to change without notice

Toggle action switch							
KST 3.25	KST 3.32	KST 3.40	KST 3.63	KST 3.80	KST 4.32	KST 4.40	KST 4.63
3	3	3	3	3	4	4	4
690	690	690	690	690	690	690	690
25	32	40	63	80	32	40	63
8	8	8	8	8	8	8	8
25	32	40	63	80	32	40	63
25	32	40	63	80	32	40	63
25	32	40	63	80	32	40	63
25	32	40	63	80	32	40	63
25	32	40	63	80	32	40	63
25	32	40	63	80	32	40	63
16	20	25	63	63	20	25	40
16	20	25	45	45	20	25	30
16	20	25	32	40	20	25	25
7.5	7.5	11	30	30	7.5	11	18.5
7.5	11	15	30	30	11	15	18.5
11	15	22	30	37	15	22	22
50	50	10	10	10	50	50	50
35	35	63	100	100	35	50	50
3.5	3.5	3.7	5.8	5.8	3.5	3.7	3.7
1.8	1.8	6.1	30.9	30.9	1.8	6.1	6.1
400/320 300/240 250/200	400/320 300/240 250/200	400/320 300/240 250/200	630/510 600/480 390/310	630/510 600/480 400/320	400/320 300/240 250/200	400/320 300/240 250/200	400/320 300/240 250/200
1500	1500	1500	1500	1500	1500	1500	1500
8500	8500	8500	8500	8500	8500	8500	8500
1.5 - 16 155			6 - 35 255		1.5 - 25 200		

Enclosed Switches

According to EN 60947-1 and EN 60947-3
Rated IP65 (with compression glands)
Enclosures of polycarbonate

Also used as safety switch
Padlockable in OFF position
3- and 6-pole enclosed switches as standard, additional poles available

Rated thermal current			Rated insulation voltage			Rated impulse withstand voltage			Rated operational current AC22A			Rated operational current AC23A			Rated conditional short-circuit current at 415V			Max. gG-fuses			Dimensions, including handle			Cable entries			Number of poles			Switch terminals, max. cross-section and tightening torque			PE + N terminals, max. cross-section and tightening torque			Includes N terminal			Includes PE terminal			Includes auxiliary contact (NO + NC 16 A)			Colour of handle			EAN-code			Ordering number		
16A			800V			8kV			16A 16A 16A			16A 16A 16A			50kA			16A			133x86x104			M20, thread			3			16mm ² 2Nm			6mm ² 0.8Nm			yes yes yes			yes yes yes			black black red-yellow red-yellow black red-yellow black red-yellow black red-yellow			6418677153846 6418677153860 6418677153853 6418677153877 6418677153921 6418677153938 6418677194436 6418677194139 6418677194528 6418677194221			KKPC3.16BNM KKPC3.16BAM KKPC3.16BNR KKPC3.16BAR KKPC4.16BNM KKPC4.16BNR KKPC6.16VNL KKPC6.16VNL KKPC8.16VEL KKPC8.16VEK					
20A			800V			8kV			20A 20A 20A			20A 20A 20A			50kA			20A			133x86x104			M20, thread			3			16mm ² 2Nm			6mm ² 0.8Nm			yes yes yes			yes yes yes			black black red-yellow red-yellow black red-yellow black red-yellow black red-yellow			6418677153662 6418677153884 6418677153679 6418677153891 6418677153945 6418677153952 6418677194443 6418677194146 6418677194535 6418677194238			KKPC3.20BNM KKPC3.20BAM KKPC3.20BNR KKPC3.20BAR KKPC4.20BNM KKPC4.20BNR KKPC6.20VNL KKPC6.20VNL KKPC8.20VNL KKPC8.20VEK					
25A			800V			8kV			25A 25A 25A			25A 25A 25A			50kA			25A			133x86x104			M20, thread			3			16mm ² 2Nm			6mm ² 0.8Nm			yes yes yes			yes yes yes			black black red-yellow red-yellow black red-yellow black red-yellow black red-yellow			6418677153686 6418677153907 6418677153693 6418677153914 6418677153969 6418677153976 6418677194450 6418677194153 6418677194542 6418677194245			KKPC3.25BNM KKPC3.25BAM KKPC3.25BNR KKPC3.25BAR KKPC4.25BNM KKPC4.25BNR KKPC6.25VNL KKPC6.25VNL KKPC8.25VNL KKPC8.25VEK					
32A			800V			8kV			32A 32A 32A			32A 32A 25A			50kA			32A			175x125x136			M25, knock-out			3			16mm ² 2Nm			35mm ² 3.5Nm			yes yes			yes yes			black black red-yellow black red-yellow black red-yellow black red-yellow			6418677154546 6418677194313 6418677154560 6418677194016 6418677154584 6418677194375 6418677154607 6418677194078 6418677194467 6418677194160 6418677194559 6418677194252			KKPC3.32VSL KKPC3.32VNL KKPC3.32VSK KKPC3.32VNL KKPC4.32VSL KKPC4.32VSL KKPC4.32VSK KKPC4.32VEK KKPC6.32VNL KKPC6.32VNL KKPC8.32VNL KKPC8.32VEK					

	Rated thermal current			Rated insulation voltage			Rated impulse withstand voltage			Rated operational current AC22A			Rated operational current AC23A			Rated conditional short-circuit current at 415V			Max. gG-fuses			Dimensions, including handle			Cable entries			Number of poles			Switch terminals, max. cross-section and tightening torque			PE + N terminals, max. cross-section and tightening torque			Includes N terminal			Includes PE terminal			Includes auxiliary contact (NO + NC 16 A)			Colour of handle			EAN-code			Ordering number		
	40A			800V			8kV			415V 500V 690V			415V 500V 690V			50kA			40A			175x125x136			M25, knock-out			3			16mm ² 2Nm			35mm ² 3.5Nm			yes yes			yes yes			black black red-yellow red-yellow black black red-yellow red-yellow black red-yellow black red-yellow black red-yellow			6418677154553 6418677194320 6418677154577 6418677194023 6418677154591 6418677194382 6418677154614 6418677194085 6418677194474 6418677194177 6418677194566 6418677194269			KKPC3.40VS KKPC3.40VN KKPC3.40VS KKPC3.40VN KKPC4.40VS KKPC4.40VE KKPC4.40VS KKPC4.40VE KKPC6.40VN KKPC6.40VN KKPC8.40VE KKPC8.40VE					
	63A			800V			8kV			63A 63A 63A			63A 63A 50A			25kA			63A			300x200x168			Plain sides			3			50mm ² 4Nm			50mm ² 10Nm			yes yes			yes yes			black black red-yellow red-yellow black red-yellow black red-yellow black red-yellow black red-yellow			6418677153747 6418677194337 6418677153754 6418677194030 6418677194399 6418677194092 6418677194481 6418677194184 6418677194573 6418677194276			KKPC3.63JS KKPC3.63JN KKPC3.63JS KKPC3.63JN KKPC4.63JE KKPC4.63JE KKPC6.63JN KKPC6.63JN KKPC8.63JE KKPC8.63JE					
	80A			800V			8kV			80A 80A 80A			80A 63A 50A			25kA			80A			400x300x168			Plain sides			3			50mm ² 4Nm			50mm ² 10Nm			yes yes			yes yes			black red-yellow black red-yellow black red-yellow black red-yellow black red-yellow black red-yellow			6418677194344 6418677194047 6418677194405 6418677194108 6418677194498 6418677194191 6418677194580 6418677194283			KKPC3.80JN KKPC3.80JN KKPC4.80JE KKPC4.80JE KKPC6.80JN KKPC6.80JN KKPC8.80JE KKPC8.80JE					
	100A			800V			8kV			100A 100A 100A			80A 63A 50A			25kA			100A			400x300x168			Plain sides			3			50mm ² 4Nm			50mm ² 10Nm			yes yes			yes yes			black red-yellow black red-yellow black red-yellow black red-yellow black red-yellow black red-yellow			6418677194351 6418677194054 6418677194412 6418677194115 6418677194504 6418677194207 6418677194597 6418677194290			KKPC3.100J KKPC3.100J KKPC4.100J KKPC4.100J KKPC6.100J KKPC6.100J KKPC8.100J KKPC8.100J					
	125A			800V			8kV			125A 125A 100A			80A 63A 50A			11kA			125A			400x300x168			Plain sides			3			50mm ² 4Nm			50mm ² 10Nm			yes yes			yes yes			black red-yellow black red-yellow black red-yellow black red-yellow black red-yellow black red-yellow			6418677194368 6418677194061 6418677194429 6418677194122 6418677194511 6418677194214 6418677194603 6418677194306			KKPC3.125J KKPC3.125J KKPC4.125J KKPC4.125J KKPC6.125J KKPC6.125J KKPC8.125J KKPC8.125J					



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