

Why Electronic Ballast? Electronic ballasts become the standard in the lighting industry. They allow significant energy and money saving in nearly all applications. The lamp operation is flicker free and the ballast produces virtually no noise or hum. Electronic ballasts are more efficient than magnetic ballasts in converting input power to the proper lamp power. The operation of UV lamps at higher frequencies reduces and losses, resulting in an overall lamp-ballast efficiency increase of 15% to 20%.

Advantages :

- ✦ High Efficiency
- ✦ Lighter Weight and Smaller Size
- ✦ High Power Factor
- ✦ Insensitivity to Line Voltage Variation
- ✦ Operation on Multiple Supply Voltages

Basic Controllers

Model	Description	Application
 BAP2011	•Input 110V./50-60Hz. •Operate one lamp 6 - 18 watts, 425mA •Lamp operating LED •Audible lamp failure	PLT1, PLT2
 BAP2022	•Input 220V./50-60Hz. •Operate one lamp 6 - 18 watts, 425mA •Lamp operating LED •Audible lamp failure,	PLT1, PLT2
 BAP4011	•Input 110V./50-60Hz. •Lamp operating LED •Audible lamp failure •Operate one lamp 10-40watts,425mA •5V. Output (connect with GDCT-365) •Dry Contacts(optional)	PLT4/PLT6/PLT8/PLT12, PV1/PV2/PV4/PV6/ PV8/PV12
 BAP4022	•Input 110V./50-60Hz. •Lamp operating LED •Audible lamp failure •Operate one lamp 10-40watts,425mA •5V. Output (connect with GDCT-365) •Dry Contacts(optional)	PLT4/PLT6/PLT8/PLT12, PV1/PV2/PV4/PV6/ PV8/PV12

Advanced Controllers

Model	Description	Application
 BAP40365	•Universal voltages 100- 250V./50-60Hz. •Operate one lamp 10 - 40 watts, 425mA •Lamp operating LED, Audible lamp failure, •Lamp life 365 days countdown •Countdown resettable •Lamp replacement reminder •Deferred alarm, 4 time max. •Total running days, Dry contacts	PV1T/PV2T/PV4T/PV6T/ PV8T/PV12T, PTM2/PTM4/PTM6/PTM8/PTM12
 BAP100365	•Universal voltages 100- 250V./50-60Hz. •Operate one lamp 30 - 100 watts, 800mA •Lamp operating LED, Audible lamp failure, •Lamp life 365 days countdown •Countdown resettable •Lamp replacement reminder •Deferred alarm, 4 time max. •Total running days, Dry contacts	PV18T/PV24T/PV35T/ PV42T/PV52T, PTM18/PTM24/PTM35/PTM42/ PTM52, WPS

Monitored Controllers

Model	Description	Application
 BAP40365MS	•Universal voltages 100- 250V./50-60Hz. •Operate one lamp 10 - 40 watts, 425mA •UV relative intensity in %, Low UV alarm, 2-Stage Power •Lamp operating LED, Audible lamp failure, •Lamp life 365 days countdown •Countdown resettable •Lamp replacement reminder •Deferred alarm, 4 time max. •Total running days •Dry contacts, 4-20mA output	PTM2S/PTM4S/PTM6S/ PTM8S/PTM12S,
 BAP100365MS	•Universal voltages 100- 250V./50-60Hz. •Operate one lamp 30 - 100 watts, 800mA •UV relative intensity in %, Low UV alarm, 2-Stage Power •Lamp operating LED, Audible lamp failure, •Lamp life 365 days countdown •Countdown resettable •Lamp replacement reminder •Deferred alarm, 4 time max. •Total running days •Dry contacts, 4-20mA output	PTM18S/PTM24S/PTM35S/ PTM42S/PTM52S, WPS
 GDS254NM15-V	•UV Sensor, Stainless steel (316), 1/2" •Voltage signal interfaces •Low pressure lamp, UVC 254nm	BAP40365MS, BAP100365MS
 GDS254NM15-C	•UV Sensor, Stainless steel (316), 1/2" •Current signal interfaces •Low pressure lamp, UVC 254nm	Optional
 YRJ45-420	•4-20mA "Y" Cable	Optional

Model	Description	Application
 GDB42540L2	•Universal voltages 100- 250V./50-60Hz. •Operate 425mA lamp 21- 40 watts	•Lamp operating LED •Audible lamp failure, Dry contacts SLT12/SLT24/SLT36
 GDB80095L2	•Universal voltages 100- 250V./50-60Hz. •Operate 800mA lamp 35- 95 watts	•Lamp operating LED •Audible lamp failure, Dry contacts SLT50/SLT80/SLT100/SLT150, SV50/SV80/SV100/SV150,
 GDB800155L2	•Universal voltages 100- 250V./50-60Hz. •Operate 800mA lamp 90- 155 watts	•Lamp operating LED •Audible lamp failure, Dry contacts SV200/SV250/ SV300/SV350,
 GDB800310L2	•Input 200- 305V./50-60Hz. •Operate Two 800mA lamps 90- 155 watts	•Lamp operating LED •Audible lamp failure, Dry contacts SV400/SV500/SV600
 GDB80095-TOC	•Universal voltages 100- 250V./50-60Hz. •Operate TOC 800mA lamp 35- 95 watts	•Lamp operating LED •Audible lamp failure, Dry contacts LTOC5/LTOC15/LTOC25 /LTOC40, PTOC15/PTOC25/PTOC40
 GDB800155-TOC	•Universal voltages 100- 250V./50-60Hz. •Operate TOC 800mA lamp 90- 155 watts	•Lamp operating LED •Audible lamp failure, Dry contacts PTOC55/PTOC75
 GDB800310-TOC	•Input 200- 305V./50-60Hz. •Two TOC 800mA lamps 90- 155 watts	•Lamp operating LED •Audible lamp failure, Dry contacts PTOC100/PTOC150
 GDT-9000	•Universal voltage AC85~265V. •Lamp Life End Alarm, Reset	•Lamp Operating LED, Audible Lamp Fails •Total Running Days, Dry Contacts SLT, SUV, LTOC, PTOC
 GDM20	•Monitor, Universal Voltage AC85~265V. Power 1W. •Low UV Intensity and Lamp Life Alarm, Dry Contacts (3A/250VAC)	•4-segment visual display indicating UV intensity in %, Lamp operating hours, lamp life end alarm SLT, SUV
 GDS254NM25-V	•UV Sensor, Stainless steel (316), 1" • Voltage signal interfaces	•Low pressure lamp, UVC 254nm SLT, SUV, (with GDM20)
 GDS254NM25-C	•UV Sensor, Stainless steel (316), 1" • Current signal interfaces	•Low pressure lamp, UVC 254nm Optional