

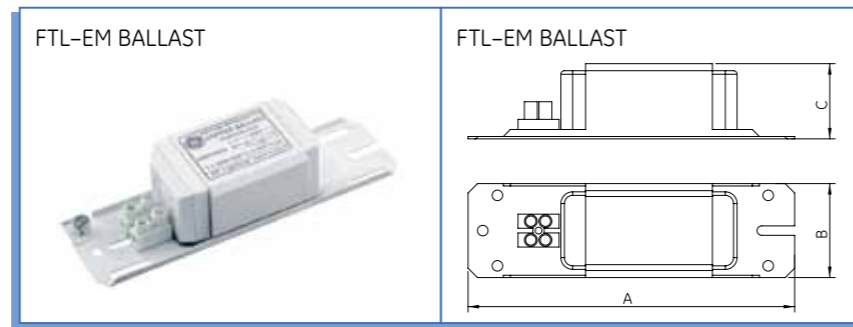


Accessories

FTL - EM BALLAST	244
CFL - EM BALLAST	245
FTL - HF BALLAST	246
CFL - HF BALLAST	247
HID - EM OC	248
BALLAST	248
CG BOX	249
IGNITOR	250
IMPULSER	250
IGNITOR - SIP	251

FTL – EM BALLAST

Accessories



Description

- Electromagnetic copper wound, open construction ballast for fluorescent lamps to be operated on 240V, 50Hz supply

Specifications & Features

- Class H insulated copper wire
- Low loss silicon steel lamination
- Vacuum impregnated high quality varnish
- Long life and low temperature rise
- Ease of installation and wiring
- Compact size
- Mounting holes matches with most standard types of luminaries available

Applications

- Commercial lighting
- Industrial lighting
- Road lighting

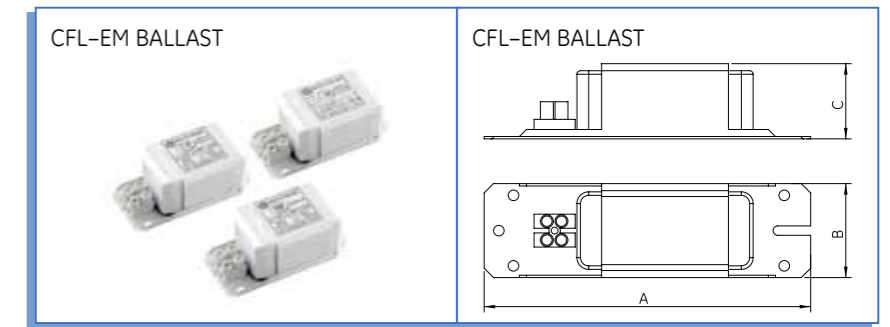
Compliance

- IEC 60920 - Safety
- IEC 60921 – Performance

FTL-EM BALLAST		TECHNICAL AND ORDERING DATA					
Model	Lamp Type	Nominal voltage (V)	Mains current (A)	Tw (°C)	Delta-T (°C)	Dimension (mm) AxBxC	Ordering code
BSF 1824E	1X18/20W FTL	240	0.15	130	70	139X40X32	L2460
BSF 3624E	1X36/40W FTL	240	0.25	130	70	139X40X32	L2461

CFL – EM BALLAST

Accessories



Description

- Electromagnetic copper wound, open construction ballast for compact fluorescent lamps to be operated on 240V, 50Hz supply

Specifications & Features

- Class H insulated copper wire
- Low loss silicon steel lamination
- Vacuum impregnated high quality varnish
- Long life and low temperature rise
- Ease of installation and wiring
- Compact size
- Mounting holes matches with most standard types of luminaries available

Applications

- Reception areas for offices
- Retail applications
- Hospitals

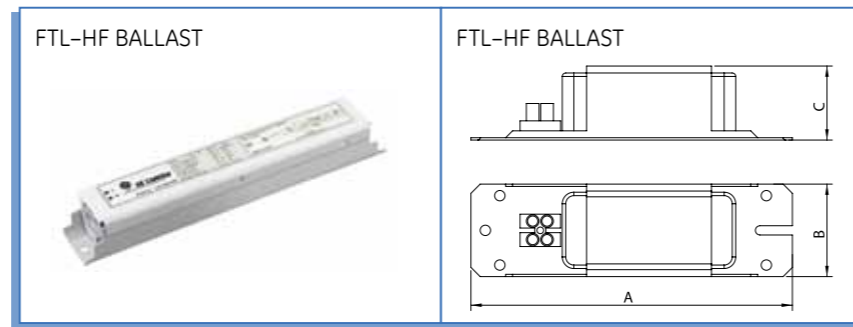
Compliance

- IEC 60920 - Safety
- IEC 60921 – Performance

CFL-EM BALLAST		TECHNICAL AND ORDERING DATA					
Model	Lamp Type	Nominal voltage (V)	Mains current (A)	Tw (°C)	Delta-T (°C)	Dimension (mm) AxBxC	Ordering code
BSC 91124	1 X 9/11WSBX	240	0.17	130	60	96X42X28	L0772
BSC 101342	1X10/13W DBX	240	0.19	130	60	96X42X28	L0773
BSC 1824	1X18W DBX	240	0.22	130	60	96X42X28	L0774
BSC 2624	1X26W DBX	240	0.32	130	60	140X42X28	L0722

FTL – HF BALLAST

Accessories



Description

- Electronic high frequency ballast suitable for T8 and T5 fluorescent lamps

Specifications & Features

- Housing made of Pre-coated steel / PC
- Operating voltage range 180V to 265V
- High power factor
- Can operate from 0 deg to 50 deg
- Flicker - free warm start gives longer lamp life Protection
- Over voltage protection
- Inrush current protection
- De-activated lamp protection
- End of lamp life protection

Applications

- Residential lighting
- Industrial lighting
- Commercial lighting
- Railway stations
- Airports
- Hospitals
- Hotels
- Retail lighting

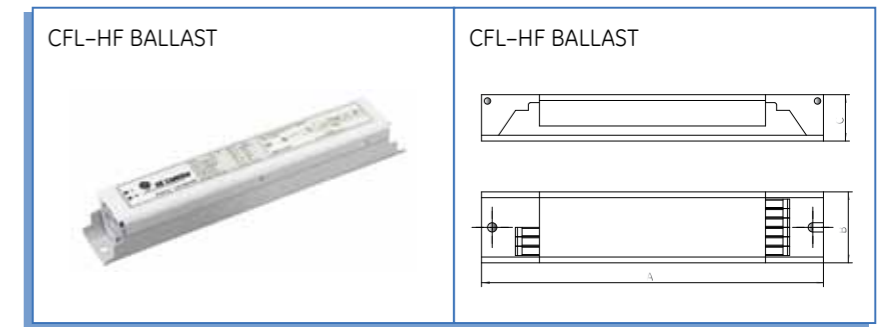
Compliance

- EN61347-2-3 - Safety
- EN60929 – Performance
- EN55015 – EMI/RFI
- EN61000-3-2 – Harmonics
- EN61547 - Surge

FTL-HF BALLAST	TECHNICAL AND ORDERING DATA						
Model	Lamp Type/ Wattage	Nominal Voltage(V)	Mains Current (A)	TC (°C)	PF	Dimension (mm) AxBxC	Ordering Code
L24F28WS1P	T5, 1x28W	240	0.14	65	0.95	190X31X22	L2450
L24F28WS2P	T5, 2x28W	240	0.272	65	0.95	275X31X22	L2452
L24F28WS2P	T5, 2x28W	240	0.272	65	0.95	275X31X22	L1335
L24F28WS1P	T5, 1x28W	240	0.14	65	0.95	190X31X28	L1339
L24F14WS1P	T5, 1x14W	240	0.072	65	0.95	190X31X28	L1341
L24F14WS2P	T5, 2x14W	240	0.14	65	0.95	275X31X28	L1342
L24F28WS2PAI	T5, 2x28W	240	0.286	65	0.98	340X31X28	L2453
EBP 254TL5.G	T5, 2x54W	240	0.46	65	0.98	256X30X28	L2457
EBP 314TL5.G	T5, 3x14W	240	0.2	65	0.98	258X40X28	L2478
EBP 414TL5.G	T5, 4x14W	240	0.29	65	0.98	258X40X29	L2477
L24F18WS1P	T8, 1x18W	240	0.078	65	0.95	190X31X28	L1345
L24F18WS2P	T8, 2x18W	240	0.15	65	0.95	220X39X32	L0938
L24F36WS2PA	T8, 2x36W	240	0.573	65	0.98	280x40x32	L2459
L24F36WS1PA	T8, 1x36W	240	0.28	65	0.98	235X31X28	L2462
L24F18WS4PA SP	T8, 4x18W	240	0.318	65	0.98	333X39X32	L1560
L24F36WS2PA	T8, 2x36W	240	0.573	65	0.98	280x40x32	L0941
L24F18WS2PA	T8, 2x18W	240	0.16	65	0.98	258X39X32	L0949
L24F36WS1PA	T8, 1x36W	240	0.28	65	0.98	235X31X28	L0950

CFL – HF BALLAST

Accessories



Description

- Electronic high frequency ballast suitable for compact fluorescent lamps

Specifications & Features

- Housing made of Pre-coated steel / PC
- Operating voltage range 180V to 265V
- High power factor
- Can operate from 0 deg to 50 deg
- Flicker free warm start gives longer lamp life protection
- Over voltage protection
- Inrush current protection
- De-activated lamp protection
- End of lamp life protection

Applications

- Residential lighting
- Industrial lighting
- Commercial lighting
- Railway stations
- Airports
- Hospitals
- Hotels
- Retail lighting

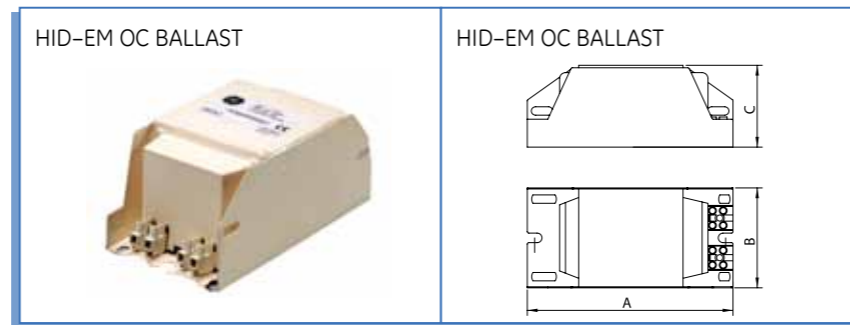
Compliance

- EN61347-2-3 - Safety
- EN60929 – Performance
- EN55015 – EMI/RFI
- EN61000-3-2 – Harmonics
- EN61547 - Surge

CTL-HF BALLAST	TECHNICAL AND ORDERING DATA						
Model	Lamp Type/ Wattage	Nominal Voltage(V)	Mains Current (A)	TC (°C)	PF	Dimension (mm) AxBxC	Ordering Code
L24CF36WS1P	CFL, 1x36W	240	0.16	65	0.95	190X31X28	L2171
L24CF55WS1A	CFL, 1x55W	240	0.26	65	0.95	258X39X32	L2172
S24CF26WS1P	CFL, 1x26W	240	0.10	65	0.95	91X73X32	L1558
S24CF18WS1P	CFL, 1x18W	240	0.08	65	0.95	82X73X28	L1559
S24CF13WS1P	CFL, 1x13W	240	0.05	65	0.95	82X73X28	L0944
L24CF36IS3A	CFL, 3x36W	240	0.48	65	0.98	305X42X36	L1343
L24CF36WS2PA	CFL, 2x36W	240	0.03	65	0.98	280X40X32	L1344
S24CF11WS1A	CFL, 1x9/11W	240	0.04	65	0.98	113X73X32	L0936
S24CF18WS1A	CFL, 1x18W	240	0.08	65	0.98	113X73X32	L0937

HID – EM OC BALLAST

Accessories



Description

- Electromagnetic precision wound, vacuum impregnated ballast for high pressure sodium vapour, mercury vapour and metal halide lamps to be operated on 220/240V 50Hz supply

Specifications & Features

- Orthocyclic winding coil for better heat dissipation and avoids inter layer cross over
- Class H insulated dual coated copper wire
- Low loss silicon steel lamination
- Three sided base plate dilutes the influence of external electromagnetic field and improves the thermal dissipation effectively
- Terminal block with wire protection avoid local heating at the terminal point, improves electrical conductivity and does not damage the wire strands
- Ease of installation and wiring

Applications

- Street lighting
- Industrial lighting
- Flood lighting
- Area lighting

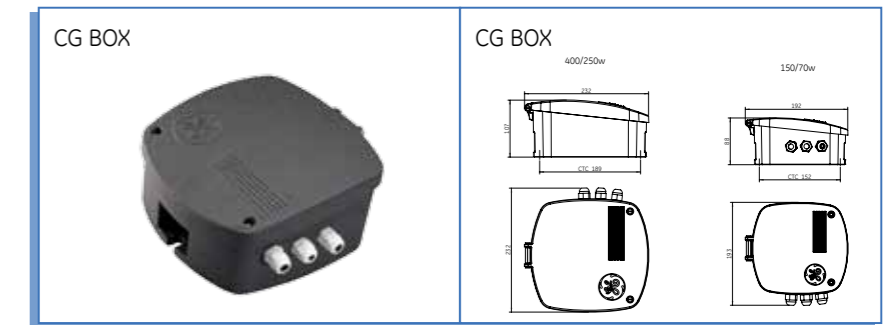
Compliance

- IEC 61347-2-9 - Safety
- IEC 60923 – Performance

HID – EM OC BALLAST	TECHNICAL AND ORDERING DATA						
Model	Lamp Type	Nominal Voltage(V)	Mains Current (A)	Tw (°C)	Delta-T (°C)	Dimension (mm) AxBxC	Ordering Code
BVSM70	1X70W HPSV/ARC MH	240	0.45	140	70	104X68X56	L2279
BVSM150	1X150W HPSV/ARCMH	240	0.85	140	70	140X68X56	L2280
BVSM250	1X250W HPSV/ARC MH	240	1.4	140	75	145X77X64	L2281
BVSM400	1X400W HPSV/ARC MH	240	2.2	140	75	160X86X72	L2282
BVHM80	1X80W HPMV	240	0.45	140	75	104X68X56	L2286
BVHM125	1X125W HPMV	240	0.63	140	75	140X68X56	L2287
BVHM250	1X250W HPMV/KRC MH	240	1.3	140	75	140X68X56	L2284
BVHM400	1X400W HPMV/KRC MH	240	2.2	140	75	145X77X64	L2283

CG BOX

Accessories



Description

- Non Integral Die-cast aluminum housing Control gear box suitable for 70W, 150W, 250W, 400W HPSV/ Metal Halide lamps and 80W, 125W, 250W and 400W HPMV lamps

Specifications & Features

- Housing and front cover made of die-cast aluminium alloy (LM6) powder coated for better corrosion resistant
- CG Box is pre wired with open construction EM Ballast, ignitor and power factor improvement capacitor, mains and lamp connector
- The hingeable front cover can fix with the housing with the help of two SS captive screws
- EPDM gasket
- Loop-in-Loop-out option for cable entry through cable glands

Applications

- Non Integral application like
- Industrial
- Flood
- Building façade
- High Mast application

Installation

- Provision for two point fixing with M10 bolt on in-built U libs provided in the housing

Maintenance

- Remove two screws for maintenance

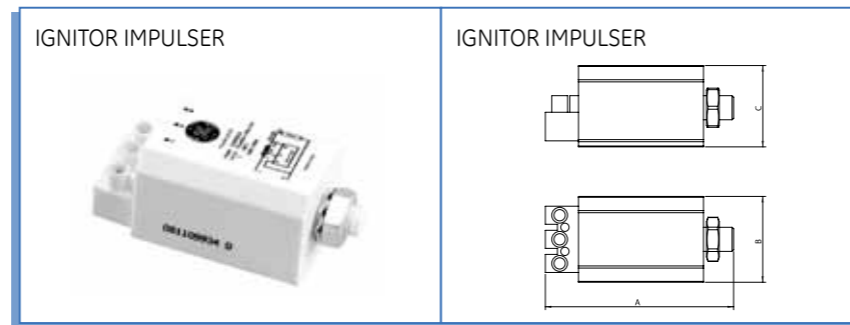
Compliance

- IP65

CG BOX	TECHNICAL AND ORDERING DATA						
Model	Lamp	Ballast	Ignitor	Capacitor	Mains Current (A)	PF	Ordering Code
GBC 1400SV	400W HPSV /ARC MH	L2282	L2278	L2296 (42Mfd)	2.2	> 0.85	L1900A
GBC 1250SV	250W HPSV / ARC MH	L2281	L2278	L2295 (33 Mfd)	1.4	> 0.85	L1901A
GBC 1150SV	150W HPSV/ARC MH	L2280	L2278	L2293 (20 Mfd)	0.85	> 0.85	L1902
GBC 170SV	70W HPSV/ARC MH	L2279	L2278	L2292 (12 Mfd)	0.45	> 0.85	L1903
GBC 1250MV	250W HPMV	L2284	NA	L2293 (20 Mfd)	1.3	> 0.85	L1906
GBC 1400MV	400W HPMV	L2283	NA	L2294 (25 Mfd)	2.2	> 0.85	L1907
GBC 1125MV	125W HPMV	L2287	NA	L2292 (12 Mfd)	0.63	> 0.85	L1908
GBC 180MV	80W HPMV	L2286	NA	L2291 (8 Mfd)	0.45	> 0.85	L1911
GBC 1250KRC	250W KRC MH	L2284	L2278	L2293 (20 Mfd)	1.3	> 0.85	L1912
GBC 1400 KRC	400W KRC MH	L2283	L2278	L2294 (25 Mfd)	2.2	> 0.85	L1913

IGNITOR IMPULSER

Accessories



Description

- Impulser type universal ignitor suitable for 70 to 400W HPSV and metal halide lamps

Material Specifications & Features

- Universal ignitor for integral and non integral application
- Aesthetically designed housing made up of PC
- Protects the electronic components from moisture by PU filling
- Intelligent selection of ignitor tapping position ensures reliable starting
- Mounting by in-built threaded stud with spring washer
- Lesser weight and compact size

Applications

- To the application of HID lamps and ballasts

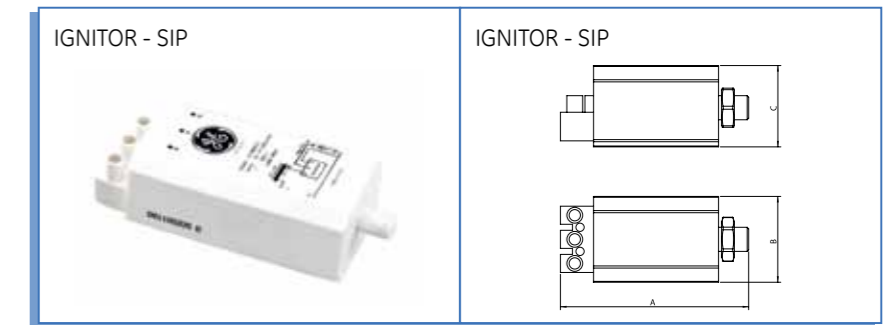
Compliance

- Electronic components complies ROHS and FR grade required with UL requirements.
- IEC 60927
- EN 61347-1

IGNITOR - IMPULSER	TECHNICAL AND ORDERING DATA				
Model	Description	Lamp Type	TC (°C)	Dimension in (mm) AXBXCX	Ordering Code
V230002.G	Impulser Ignitor	1X70-400W HPSV/ARC & KRC MH	95	62 x 28 x 27	L2278

IGNITOR - SIP

Accessories



Description

- Super imposed type universal ignitor suitable for 70 to 400W HPSV and metal halide lamps

Material Specifications & Features

- Universal ignitor for integral application
- Aesthetically designed housing made up of PC
- Protects the electronic components from moisture by PU filling
- Provides reliable lamp starting
- Mounting by in-built threaded stud with spring washer
- Compact size

Applications

- To the application of HID Lamps and Ballast

Compliance

- Electronic components complies ROHS and FR grade required with UL requirements
- IEC 60927
- EN 61347-1

IGNITOR - SIP	TECHNICAL AND ORDERING DATA				
Model	Description	Lamp Type	TC (°C)	Dimension in (mm) AXBXCX	Ordering Code
V130003.G	Superimposed Ignitor	1X70-400W HPSV/ARC & KRC MH	105	84 x 34 x 27	L2288