



Accessories

An indispensable part of any luminaire suitable for discharge lamp, the control gear/ballast assembly ensures smooth functioning of discharge lamp. Accessories cover the entire gamut of Canisterised/VPIT FTL/CFL/T5 lamp Ballasts, HID Ballasts, Electronic Ballasts, Deep drawn/cast aluminum Control gear boxes etc.



Cannistar Type Ballast CFB-LAB

CONSTRUCTION: The ballast works on the principle of self-inductance and is used to drive fluorescent lamp. Sleek housing fabricated from CRCA MS painted grey and filled with polyester for better insulation. These ballast are copper wound and pneumatically assembled with high quality silicon lamination to ensure perfect impedance for regulating the lamp voltage and current. CFB 1320/40 ballasts are aluminium wound and are suitable for domestic applications.



Cast Aluminium Cntrlgear box CG291KS-MH(CA)

CONSTRUCTION: Housing of cast aluminium LM6 with stove enamel hammertone grey finish from outside. The control gear box is prewired with copper wound polyester ballast, power factor improvement capacitor, electronic ignitor, rewirable fuse, mains connector and 2 nos. earthing terminals - one internal and one external. A synthetic rubber gasket makes the control gear box weatherproof.

CABLE ENTRY: Three nos. 3/4" BSC (19mm) threads provide for cable glands at one end of the box. Mains connector is suitable for 4 sq. mm incoming cable.

MOUNTING: Four nos. fixing holes of 10 mm dia. provided on cast lugs facilitate mounting.



Cast Aluminium Control Gear box_2_CG12 Vrtcl

Finish from outside. The control gear is prewired with copper wound polyester ballast, power factor improvement capacitor, mains connector, rewirable fuse and 2 nos. earthing terminals - one internal and one external. A synthetic rubber gasket makes the control gear box weatherproof. An electronic ignitor is provided for use with HPSV & MH lamps.

CABLE ENTRY: Three nos. 3/4" BSC (19 mm) threaded brass nipples with grommet. Mains connector is suitable for 4 sq mm. incoming cable.
MOUNTING: Two nos. of mounting brackets facilitate mounting.



Cast Aluminium Twin Control Gear box_CG12225-40

CABLE ENTRY: Four nos. 3/4" BSC (19 mm) threaded brass nipples with grommet. Mains connector is suitable for 4 sq mm. incoming cable.

MOUNTING: Four nos. 15x10 mm slots provided in cast lugs to facilitate mounting.

CONSTRUCTION: Housing of cast aluminium LM6 with stove enamel hammertone grey finish from outside. The control gear is prewired with copper wound polyester ballast, power factor improvement capacitor, mains connector, rewirable fuse and 2 nos. earthing terminals - one internal and one external. A synthetic rubber gasket makes the control gear box weatherproof. Electronic ignitors are provided for use with HPSV & MH lamps.



Cast Aluminium Twin Control Gear box_CG12225-40

CABLE ENTRY: Four nos. 3/4" BSC (19 mm) threaded brass nipples with grommet. Mains connector is suitable for 4 sq mm. incoming cable.

MOUNTING: Four nos. 15x10 mm slots provided in cast lugs to facilitate mounting.

CONSTRUCTION: Housing of cast aluminium LM6 with stove enamel hammertone grey finish from outside. The control gear is prewired with copper wound polyester ballast, power factor improvement capacitor, mains connector, rewirable fuse and 2 nos. earthing terminals - one internal and one external. A synthetic rubber gasket makes the control gear box weatherproof. Electronic ignitors are provided for use with HPSV & MH lamps.



Cast Alluminium ControlGearbox CG 12 Hrzntl

CONSTRUCTION: Housing of cast aluminium LM6 with stove enamel hammertone grey finish from outside. The control gear box is prewired with copper wound polyester ballast, rewirable fuse power factor improvement capacitor, electronic ignitor (for HPSV/MH), mains connector, rewirable fuse and 2 nos. earthing terminals - one internal and one external. A synthetic rubber gasket makes the control gear box weatherproof.

CABLE ENTRY: Is through 3 nos. 3/4" BSC(19mm) threaded brass nipple with rubber grommet. Mains connector is suitable for 4 sq mm incoming cable.

MOUNTING: Four nos. fixing hole of 10 mm dia provided with cast lugs facilitate mounting.

Control Pack CP12



CONSTRUCTION: The control pack is suitable for Metal Halide lamp for indoor application. It comprises canister housing in grey finish, resin encapsulated with copper wound ballast, power factor improvement capacitor, electronic ignitor, mains connector, and one no. earthing terminal.

CABLE ENTRY: Two nos. connector are provided outside on the CG pack, for mains and lamps suitable for 4 sq mm. cable.

MOUNTING: Four nos. 9 x 6 mm slots on base plate facilitate mounting. The control pack can be installed at a maximum distance of 5 mtrs. from the lamp compartment

DDCGB CG13



CONSTRUCTION: Housing of deep drawn CRCA MS sheet, painted grey from outside. The control gear box comprises two compartments, top one acts as a cover which is hinged on one side & bottom compartment is provided with detachable CRCA MS gear tray consisting of accessories like copper wound polyester ballast, power factor improvement capacitor, rewirable fuse, and an electronic ignitor for HPSV and MH lamps.

CABLE ENTRY: Three nos. 3/4" BSC (19 mm) knockouts provided for cable glands at the bottom of the box. Mains connector is suitable for 4 sq mm. incoming cable.

MOUNTING: Two nos. MS plates duly welded at the back facilitate mounting.

DDCGB CG13 002



CONSTRUCTION: Housing of deep drawn CRCA MS sheet, painted grey from outside. The control gear box is prewired with copper wound polyester ballast, power factor improvement capacitor, mains connector, rewirable fuse, 2 nos. earthing terminals - one internal and one external, and an electronic ignitor. A synthetic rubber gasket makes the control gear box weatherproof.

CABLE ENTRY: Is through 3 nos. 3/4" BSC (19 mm) knockouts provided for cable glands. Mains connector is suitable for 4 sq mm. incoming cable.

MOUNTING: Two nos. M.S. Plates on the rear side, facilitate mounting.



Deep Drawn Control Gear Box CG12

CONSTRUCTION: Housing of deep drawn CRCA MS sheet, painted grey from outside. The control gear box comprises two compartments, top one acts as a cover which is hinged on one side & bottom compartment is provided with detachable CRCA MS gear tray consisting of accessories like copper wound polyester ballast, power factor improvement capacitor, rewirable fuse, and an electronic ignitor for HPSV and MH lamps.

CABLE ENTRY: Three nos. 3/4" BSC (19 mm) knockouts provided for cable glands at the bottom of the box. Mains connector is suitable for 4 sq mm. incoming cable.

MOUNTING: Two nos. MS plates duly welded at the back facilitate mounting.



Emergency Power Pack EPP14

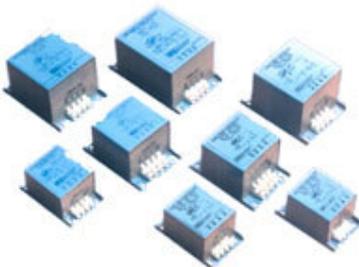
TYPE: Emergency power pack with NiCd battery for 36/40W FTL.

FEATURES: It consists of an energy-efficient electronic unit and a sealed, maintenance free, rechargeable Ni-Cad battery. This can be easily wired into a fluorescent luminaire having a 36/40W FTL.

OPERATION: When the mains power is on, the FTL operates normally, while the electronic unit charges the battery. When the mains power fails, the electronic unit converts (inverts) the power stored in the battery to a high frequency form suitable for driving the fluorescent lamp.

ADVANTAGES : Charging of battery during normal mains operation. Light output is 15-16% of the normal 36 W lamp during emergency operation. Duration of emergency lighting is 2 hours for a fully charged battery. Battery protected against overcharging. Special circuit prevents deep discharge of battery, thereby enhancing battery life.

APPLICATIONS: Suitable for industrial, commercial & domestic applications.



Hid Ballast Lab

CONSTRUCTION: Heavy duty copper wound ballasts are pneumatically assembled with high quality silicon lamination copper coil to ensure perfect impedance for regulating the lamp voltage and current. The ballast is resin encapsulated for longer life. Ballasts meant for HPSV and MH lamps have a 4 way connector with tapping of ignitor-240V-220V-COM, whereas ballasts meant for HPMV lamps have a 4 way connector with tapping at 240V-220V-200V-COM.



High Frequency Electronic ballast For T5 Lamp EB114T5/EB128T5

TYPE: High Frequency Electronic ballast for single 36/40W FTL.

FEATURES:

Circuit power factor is 0.95
Protected against mains disturbances
Automatic cut off protection for a de-activated tube
Glass fuse in main input circuitry.
Short circuit protection for a limited duration for both PCB terminals & components
Tested for 1.5KV AC high for insulation as per Is13021 Part-I.
Metal body reduces radiated interference.
High level of reliability obtained through use of high quality components & stringent tests.
Terminal blocks are provided for mains and lamp connections
Separate earthing terminal.
Tamperproof warranty seal.

ADVANTAGES OVER CONVENTIONAL BALLAST:

Improved lamp life and stable operation.
Low voltage striking of lamp.
Wide operating voltage.
For EB114T5: Total power input to T5 ballast +14WT5 lamp is only 18W as compared to 30W for conventional magnetic T8 18W ballast + T8 18W lamp and 20W for an electronic T8 18W ballast +T8 18W lamp.
For EB128T5: Total power input to the T5 ballast +28WT5 lamp is only 32W as compared to48W for conventional magnetic T8 36W ballast + T8 36W lamp and 37W for an electronic T8 36W ballast +t8 36W lamp.

Applications: Suitable for industrial & commercial applications.



Open Construction Vacuum Pressure Impregnated Hid Ballast HDB

CONSTRUCTION: Heavy duty open construction copper wound ballasts manufactured using vacuum pressure impregnation technology for longer life. The ballast comprises enamelled copper wire, silicon lamination , white polyester resin and engineering plastic which can withstand high temperature. The ballast is pneumatically assembled at the desired electrical parameter to achieve proper light output from the lamp. Ballasts meant for HPSV and MH lamps have a 4 way connector with tapping of ignitor- 240V-220V-COM, whereas ballasts meant for HPMV lamps have a 4 way connector with tapping at 240V-220V-200V-COM.



Open Construction Ultraslim Vacuum Pressure Imprignated VPIT Copper Ballast USB

TYPE: New generation, shell type, hi-tech Ultraslim VPIT (Vacuum Pressure Impregnation Technology) ballasts for 18/20W, 36/40 W fluorescent tubes and compact fluorescent lamps.

CONSTRUCTION: Ultraslim VPIT ballasts are copper wound, pneumatically assembled and hydro mechanically sealed for robust and rigid construction. The coil is surrounded by metal core for better heat dissipating characteristics.

SALIENT FEATURES:

Manufactured using Vacuum pressure impregnation technology for longer life.

Its sleek construction is mainly designed for FTL of 26 mm dia. and can operate at an ambient temp. of 500C.

The fixing arrangement is flexible and can be effected using two screws in the 'U' slots provided on either ends of the base plate. Sleek and slim appearance makes the ballasts aesthetically appealing.

Passes Thermal endurance test.

Passes abnormal temp. rise test.



Open Constraction Vacuum Pressure Imprignated VPIT Copper Ballast SFB-XSB

TYPE: New generation, shell type, low loss design, hi-tech VPIT (Vacuum Pressure Impregnation Technology) ballasts for fluorescent tubes, compact fluorescent lamps and fluorescent circular lamps.

CONSTRUCTION: VPIT ballasts are copper wound, pneumatically assembled and hydro mechanically sealed for robust and rigid construction. The coil is surrounded by metal core for better heat dissipating characteristics.

SALIENT FEATURES:

Manufactured using vacuum pressure impregnation technology for longer life.

Low loss design saves energy in comparison to conventional ballasts.

The fixing arrangement is flexible and can be effected using two screws in the 'U' slots or four nos. screws in holes provided on either ends of the base plate.

Sleek and slim appearance (especially XSB ballast) makes the ballasts aesthetically appealing.

Passes thermal endurance test (FTL Ballast).

Passes abnormal temp. rise test.



Open Construction Ultraslim Vacuum Pressure Imprignated VPIT Copper Ballast USB

TYPE: New generation, shell type, hi-tech Ultraslim VPIT (Vacuum Pressure Impregnation Technology) ballasts for 18/20W, 36/40 W fluorescent tubes and compact fluorescent lamps.

CONSTRUCTION: Ultraslim VPIT ballasts are copper wound, pneumatically assembled and hydro mechanically sealed for robust and rigid construction. The coil is surrounded by metal core for better heat dissipating characteristics.

SALIENT FEATURES:

Manufactured using Vacuum pressure impregnation technology for longer life.

Its sleek construction is mainly designed for FTL of 26 mm dia. and can operate at an ambient temp. of 500C.

The fixing arrangement is flexible and can be effected using two screws in the 'U' slots provided on either ends of the base plate.

Sleek and slim appearance makes the ballasts aesthetically appealing.