

Electromagnetic



BPL

Dimensions in mm

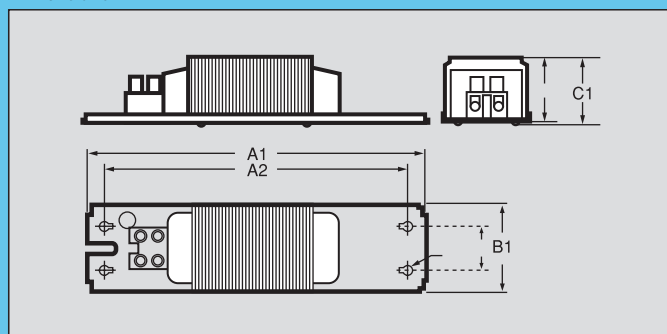


Fig. B

BPL EM ballasts for TL and Compact fluorescent lamps

Product description

- All "BPL" and "BTL" ballasts to be applied in circuits for TL, TLD, PL-S or PL-C compact fluorescent lamps and operating on nominal mains supply as indicated.

Features and benefits

- Reliable electrical and mechanical performance
- Long life
- Compact dimensions
- Quick and easy wiring
- Optimum lamp performance under optimum temperature conditions

Features

- Complies with IEC 82-1973 and TIS 23-1978
- Tw marking 130°C
- Screw and Insert contact with high quality
- Embossed mounting plate for noise reduction
- CE marking

Applications

- Home
- Department stores, shops, supermarkets
- Office buildings
- Industry
- Airports, railway stations

Philips quality

This implies optimum quality regarding

- System supplier
As manufacturers of lamps and control gear, Philips ensures that, from the earliest development stage, optimum lamp/ballast performance is maintained
- International standards
Philips BPL, BTL electromagnetic ballasts comply with all relevant international rules and regulations.

Product ID	A1	A2	B1	C1
BPL10L04	89.5	76	39	25
BPL13L04	89.5	76	39	25
BPL18L04	89.5	76	39	25
BPA18L04	155	140	39	28

BPL EM ballasts for TL
and Compact florescent lamps

Electromanetic

Technical data

Type	Lamp(s)	Electrical connection	Power Factor	Main current during operation	Losses at $t = 20\text{ }^{\circ}\text{C}$ W	T_w ¹⁾ $^{\circ}\text{C}$	Δt $^{\circ}\text{C}$	Starter Type	Parallel compenation ²⁾		Wiring diagram Fig.
									Capacitor		
									μF	V	
220V/50Hz											
BPL10L04	1xTLD10W	Screw	0.50	0.165	5.0	130	40	S10/S2	2.0	250	1
	1xPL-S 7W/2P	Screw	0.36	0.17	5.0	130	40	-	2.0	250	2
	1xPL-S 9W/2P	Screw	0.40	0.175	5.0	130	40	-	2.0	250	2
	1xPL-S 11W/2P	Screw	0.50	0.16	5.0	130	40	-	2.0	250	2
BTL13L04	1xPL-C 13W/2P	Screw	0.45	0.17	4.0	130	55	-	2.0	250	2
BPL18L04	1xPL-C 18W/2P	Screw	0.40	0.22	6.0	130	55	-	2.0	250	2
BTA18L04	1xPL-C 26W/2P	Screw	0.35	0.37	8.0	130	55	-	4.0	250	2

1) In accordance with IEC 82 (3rd edition) T_w indicates the maximum permissible temperature of the windings.

2) To obtain High Power Factor ($\text{PF} \geq 0.85$)