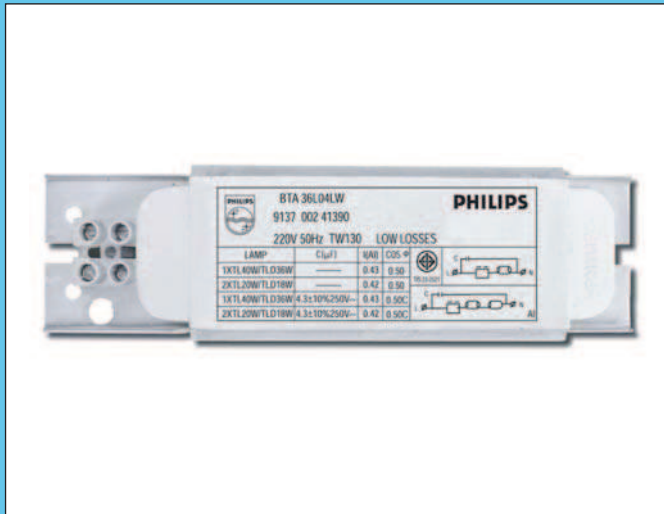


Electromanetic

BTA Low Loss EM ballasts for TL florescent lamps



BTA 36L04 LW

Product description

- All "BTA LW" ballasts to be applied in circuits for TL, TLD 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
- Low power losses not more than 6W
- 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 BTA LW electromagnetic ballasts comply with all relevant international rules and regulations.

Dimensions in mm

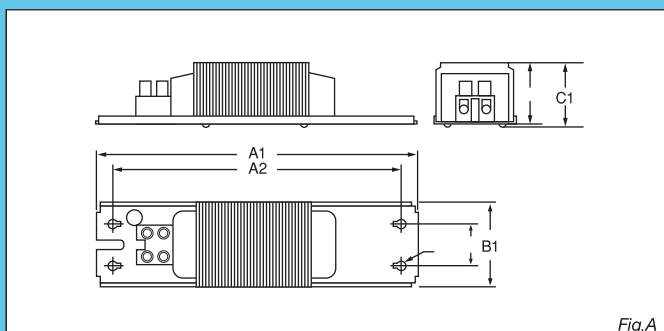


Fig.A

Product ID	A1	A2	B1	C1
18W	155	140	41	28
36W	155	140	41	28

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for TL florescent lamps

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 $^{\circ}\text{C}$	Parallel compenation ²⁾			Wiring diagram Fig.	
								Starter Type	Capacitor			main current A
									μF	V		
220V/50Hz												
BTA18L04LW	1xTL20W/TLD18W	Screw	0.35	0.37	5.7	130	30	S10/S2	4.0	250	0.15	1
BTA36L04LW	1xTL40W/TLD36W	Screw	0.50	0.43	5.5	130	30	S10	4.0	250	0.25	1
	2xTL20W/TLD18W	Insert	0.50	0.43	5.5	130	30	S2	4.0	250	0.25	2
230V/50Hz												
BTA18L54LW	1xTL20W/TLD18W	Screw	0.35	0.37	5.7	130	30	S10/S2	4.0	250	0.15	1
BTA36L54LW	1xTL40W/TLD36W	Screw	0.50	0.43	5.5	130	30	S10	4.0	250	0.25	1
	2xTL20W/TLD18W	Screw	0.50	0.43	5.5	130	30	S2	4.0	250	0.25	2
240V/50Hz												
BTA18L24LW	1xTL20W/TLD18W	Screw	0.35	0.37	5.7	130	30	S10/S2	4.0	250	0.15	1
BTA36L24LW	1xTL40W/TLD36W	Screw	0.50	0.43	5.5	130	30	S10	4.0	250	0.25	1
	2xTL20W/TLD18W	Screw	0.50	0.43	5.5	130	30	S2	4.0	250	0.25	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 ($\text{PF} \geq 0.85$)