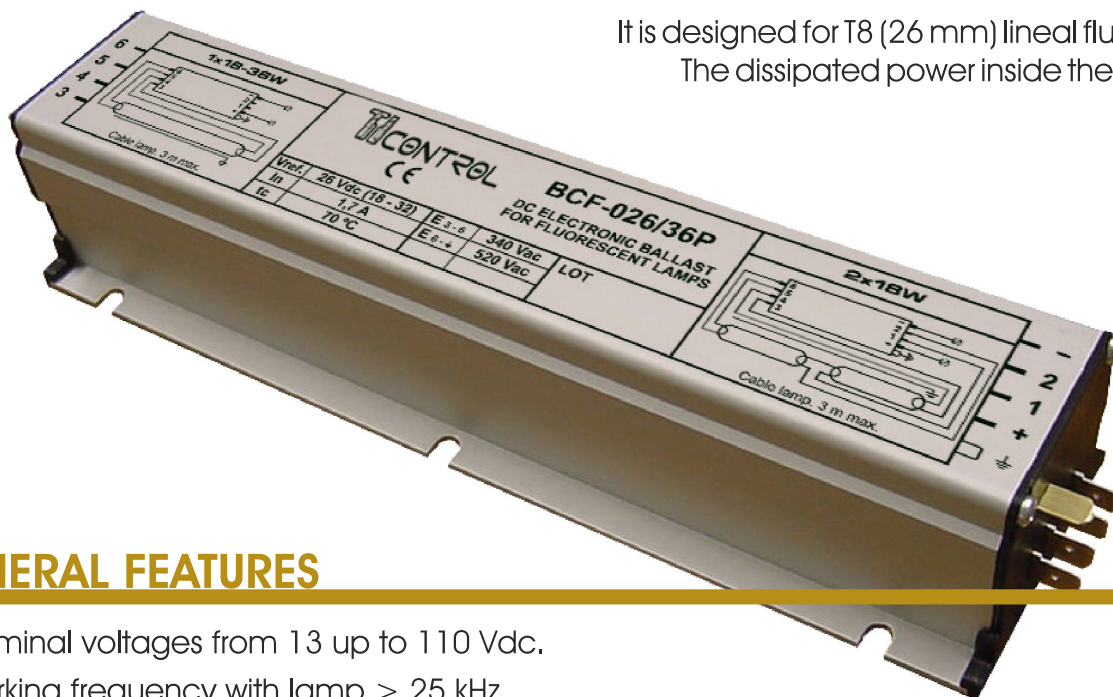


ELECTRONIC BALLAST FOR FLUORESCENT LAMPS

Electronic ballast for operation on d.c. supplies and designed with EN 61347-2-5 and EN 60925 standards.

It is designed for T8 (26 mm) lined fluorescent lamps.
The dissipated power inside the ballast is low.



GENERAL FEATURES

- Nominal voltages from 13 up to 110 Vdc.
- Working frequency with lamp > 25 kHz.
- Luminous efficiency 97% in regards to a reference circuit.
- High frequency sine-wave form.
- Protections against:
 - reverse input polarity
 - output terminals short-circuit
 - open-circuit
 - input voltages out of specified range (automatic reset)
- Withstands shock and vibrations according to EN 50311.
- Conducted disturbances and surge immunity (2kV) according to EN 50121-3-2.

APPLICATIONS

- Railway applications: trains, subway trains, tramways, ...
- Busses
- Marine industry
- Mining industry
- Emergency lighting
- Photovoltaic solar energy
- Recreational vehicles, etc...

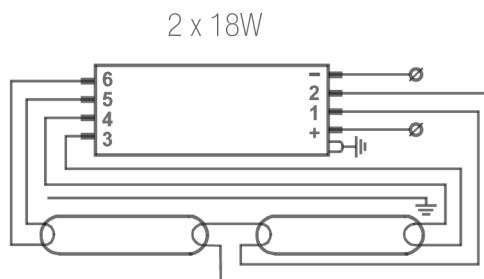
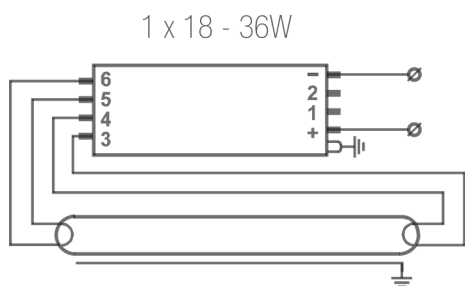
TECHNICAL DATA

Reference		BCF 026/36P	BCF 072/36P	BCF 110/36P	BCF 110/72P
Design voltage	Vdc	26	72	110	110
Nominal voltage range	Vdc	18 - 32	50 - 87	75 - 135	75 - 135
Nominal current (36W)	A	1,7	0,55	0,32	0,66
Lamps	W	1 X 18 - 36 2 X 18			
Rated max. temperature (tc)	°C	+ 70 (1)			
Working frequency with lamp	kHz	> 25			
Connection type		0.250" x 0.032" fast-on terminals			

(*) Special designs upon request.

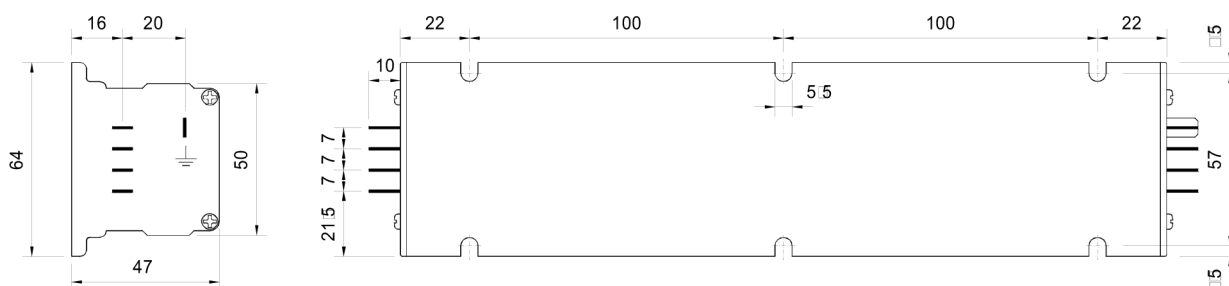
(1) Measured from the geometric center of the base.

WIRING DIAGRAM



Maximum length
lamp wires: 3 m

DIMENSIONS (mm)



Net weight	497 g
Gross weight of box (10 pcs.)	5,35 Kg
Dimensions	328 x 280 x 108 mm

We reserve the right to make technical changes without prior notice. Consult sales terms and conditions.