

Electronic ballasts for T8 fluorescent lamps



18 - 58 W 220-240V 50-60Hz

- Energy saver
- Stabilized flickerfree light
- Approved warm start
- High power factor
- Silent operation
- Good EMC performance

**A2**

Lamp type	Wattage	No. of lamps	Ballast	EEL	Connection (no.)	Weight (g)	Circuit power (W)	Mains current (A)	Lamp power (W)
T8	18	4	EL4x18es	A2	1	190	72	0.30-0.33	16
	36	2	EL2x36es	A2	2	190	71	0.32-0.29	32
	58	2	EL2x58es	A2	2	200	108	0.50-0.45	50

Max.temperature at tc point

75 °C

Ambient temperature range

-15...+50 °C

Storage temperature range

-40...+80 °C

Maximum relative humidity

no condensation

Number of starts per lamp

> 20 000

AC Range

198-264 VAC

Over voltage duration

320 VAC, 1 h

Power factor (at maximum), typical

0.98

Earth leakage current

< 0.4 mA

Maximum working voltage (Uout)

350 V

Lifetime (90% survival)

50 000h, at tc

Max length of ballast to lamp wiring

1.5 m

Ignition time, typical

< 2 s

General and safety requirements

EN61347-2-3

Performance requirements

EN60929

Lamp life acc. to

EN60081

Mains current harmonics, acc. to

EN61000-3-2

Radio Frequency Interference, acc. to

EN55015

Immunity standard, acc.to

EN61547

Vibration test

EN60068-2-64 test Fh

Bump test

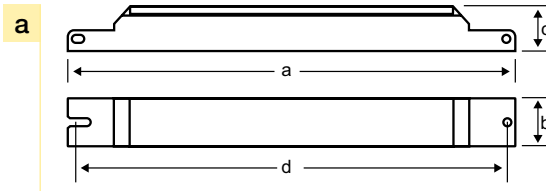
EN60068-2-29 test Eb

Thermal protection class

EN61347, C5e

Preheat starting

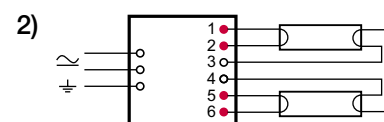
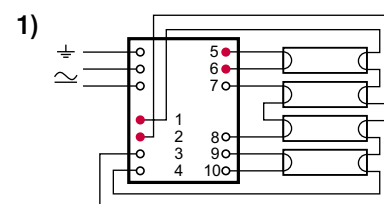
Dimensions	1
Lenght 'a' (mm)	280
Width 'b' (mm)	30
Height 'c' (mm)	28
'd' (mm)	270



Delivery information

Ballast	Unit package		Transportation package		
	Minimum delivery amount	Plastic binding strip	One-way pallet 1200 x 820 (pcs.)	Pallet weight (kg)	Pallet height (cm)
EL4x18es	10	●	1600	330	60
EL2x36es	10	●	1600	330	60
EL2x58es	10	●	1600	350	60

Connection



NOTE: All wiring to the connectors marked with a red dot (hot wires) should be as short as possible.