Tavan Omran Sanat Samaneh Co.

Explosion Proof Electronic Ballast

Ex Electronic Ballast For T8 , T12 Fluorescent lamps	
CERTIFICATE	ECM 17 ATEX 105 U
EX CODE	Ex db IIC Gb T5
DIRECTIVE	2014/34/EU
STANDARD	EN 60079-0/A11:2013, EN 60079-1:2014, EN 60529/A2:2013
INSTALLATION	zone 1 – 2

CONSTRUCTION

Rectangle enclosure: aluminum profile Circle enclosure: aluminum profile

FEATURES

This product is electronic ballast for explosion proof applications.It has been certified for use in hazardous area due to the presence Of flammable and explosive gases.

SUITABLE FOR

CORTEM,STAHL,CEAG,SCHUCH and other fixture on request.



perex Ex

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Electronic ballast information , 18-36 T8 , fluorescent lamps

Product description

- Average life = 50,000 hours (at max ta. With a failure rate ≤ 0.2 % per 1,000 hours)
- Large temperature range (for value see table)
- Safety shutdown at end of life
- Automatic start after replacement of defective lamps
- Constant luminous flux irrespective of fluctuations in mains voltage
- For luminaires of protection class 1 and protection class 2
- Temperature protection as per EN 61347 - 2 – 3 C5e

Technical data

- AC voltage range 198 – 264 V
- DC voltage range Not supported
- Overvoltage protection 320 V AC,1h
- Defined warm start ≤ 1.5 s
- Operating frequency ≥ 39 kHz

Specific technical data

Lamp Wattage	Lamp type	EEI	Current at 50 Hz 220 V	Current at 50 Hz 240 V	λ at 50 HZ 220 V	λ at 50 HZ 240 V
For luminaires with 1 lamp						
1 x 18 W	T8	A2	0.860 A	0.770 A	0.98	0.96
1 x 36 W	T8	A2	0.165 A	0.148 A	0.99	0.97
For luminaires with 2 lamps						
2 x 18 W	T8	A2	0.174 A	0.156 A	0.99	0.97
2 x 36 W	T8	A2	0.330 A	0.303 A	0.99	0.98

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SUITABLE FOR CORTEM

Type	Lamp	Type	Dimension mm
EB 118 CO	1x18	T8	300(L)x50⌀
EB 136 CO	1x36	T8	300(L)x50⌀
EB 218 CO	2x18	T8	300(L)x50⌀
EB 236 CO	2x36	T8	300(L)x50⌀

SUITABLE FOR BAREL

Type	Lamp	Type	Dimension mm
EB 118 BL	1x18	T8	256x40x40
EB 136 BL	1x36	T8	256x40x40
EB 218 BL	2x18	T8	256x40x40
EB 236 BL	2x36	T8	256x40x40

SUITABLE FOR STAHL (2 CHANEL)

Type	Lamp	Type	Dimension mm
EB 118 ST	1x18	T8	257x80x40
EB 136 ST	1x36	T8	257x80x40
EB 218 ST	2x18	T8	257x80x40
EB 236 ST	2x36	T8	257x80x40

SUITABLE FOR SCHUCH

Type	Lamp	Type	Dimension mm
EB 118 SCH	1x18	T8	520x40x40
EB 136 SCH	1x36	T8	520x40x40
EB 218 SCH	2x18	T8	520x40x40
EB 236 SCH	2x36	T8	520x40x40

SUITABLE FOR A.T.X (2 CHANEL)

Type	Lamp	Type	Dimension mm
EB 118 A.T.X	1x18	T8	415(L)x45⌀
EB 136 A.T.X	1x36	T8	415(L)x45⌀
EB 218 A.T.X	2x18	T8	415(L)x45⌀
EB 236 A.T.X	2x36	T8	415(L)x45⌀



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