



APPLICATION

The new SMP 06 and SMP 07 are electronic ballast for explosion proof applications. It has been certified for use in hazardous area due to the presence of flammable and explosive gases and vapors in Zones 1 and 2 in accordance with EN 60079-10. The SMP ballast meets all requirements of EN 60079-0:2009, EN 60079-7:2007, EN 60079-18:2009 and related industrial standards.

CONSTRUCTION

SMP 06 enclosure: aluminium profile

SMP 07 enclosure: plastic PA6

TECHNICAL DATA

Certificate:	ATEX
Marking:	CE 2465
Apparatus category:	II 2G
Marking of explosion protection:	Ex e mb IIC T4 Gb
Ambient temperature:	$-25\text{ °C} \leq T_{\text{amb}} \leq +70\text{ °C}$
Degree of protection:	IP 20
Rated voltage:	220-240 V $\pm 10\%$
Frequency:	50-60 Hz
Insulation class:	I (protective earthing), PE terminal
Lamps type:	Fluo lamps T8 1-2 x 18/36/58W, in paralel configuration
Power factor:	$\lambda \sim 0.95$
BLF - Ballast lumen factor:	$\sim 97\%$
Estimated service life:	100 000 hours at $T_{\text{amb}}=65\text{ °C}$ 60 000 hours at $T_{\text{amb}}=70\text{ °C}$
Connection terminal:	1,0-2,5mm ² solid, stranded, flexible
Weight:	SMP 06 - 1,2 kg SMP 07 - 0,8 kg
With overcurrent, overvoltage and overtemperature protection	

MODEL CODE

TYPE	LAMP TYPE	Dimension A	Dimension B
SMP 06/11	1 x 18/36W T8	230	220
SMP 06/12	2 x 18/36W T8	230	220
SMP 06/13	1 x 58W T8	250	240
SMP 06/14	2 x 58W T8	250	240
SMP 07/11	1 x 18/36W T8	218	195
SMP 07/12	2 x 18/36W T8	218	195



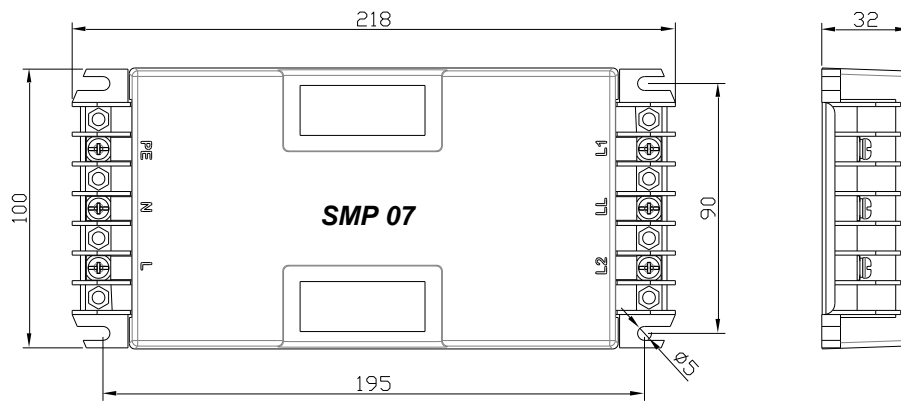
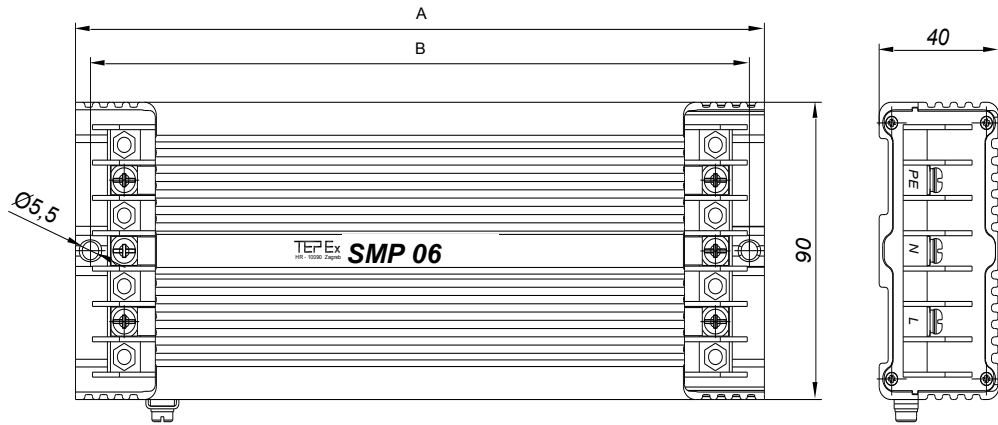
ATEX



-20°C

+70°C

DIMENSION



WIRING DIAGRAM

