



IP 20



IK08



ATEX



### CONSTRUCTION

SMP enclosure: plastic PA6

### TECHNICAL DATA

<b>Certificate:</b>	FIDI 19 ATEX 0006U
<b>Marking:</b>	CE 0722
<b>Apparatus category:</b>	II 2G
<b>Marking of explosion protection:</b>	Ex eb mb IIC Gb
<b>Service temperature:</b>	$-20\text{ }^{\circ}\text{C} \leq T_{\text{amb}} \leq +80\text{ }^{\circ}\text{C}$
<b>Degree of protection:</b>	IP 20
<b>Frequency:</b>	50-60 Hz
<b>Protection class :</b>	I (protective earthing)
<b>Lamps type:</b>	Fluo lamps T8, 2 x 18/36/58 W
<b>Power factor:</b>	$\lambda \sim 0.95$
<b>BLF - Ballast lumen factor:</b>	$\sim 97\%$
<b>Estimated service life:</b>	100 000 hours at $T_{\text{amb}}=65\text{ }^{\circ}\text{C}$ 60 000 hours at $T_{\text{amb}}=70\text{ }^{\circ}\text{C}$
<b>Connection terminal:</b>	1,0-2.5mm <sup>2</sup> , PE terminal



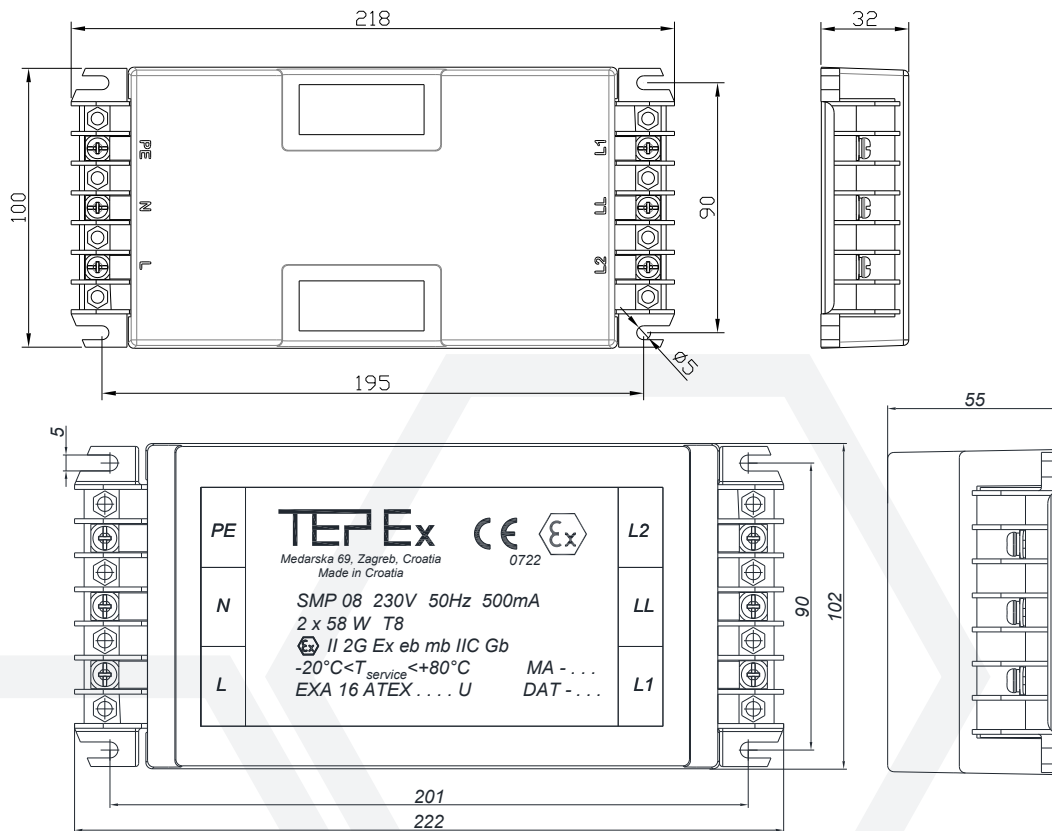
- Ex electronica ballast for T8 fluorescent tube 18, 36 and 58 W
- With overcurrent, overvoltage, over temperature and EOL (end of life) protection

# Electronic ballast

## MODEL CODE

TYPE	Supported lamp types	Rated current [A]	Rated voltage [V]
SMP 08/11	2 x 18W T8 2 x 36W T8	160 mA 320 mA	220 - 240 V AC
SMP 08/12	2 x 58W T8	500 mA	

## DIMENSION DRAWING (mm)



## WIRING DIAGRAM

