

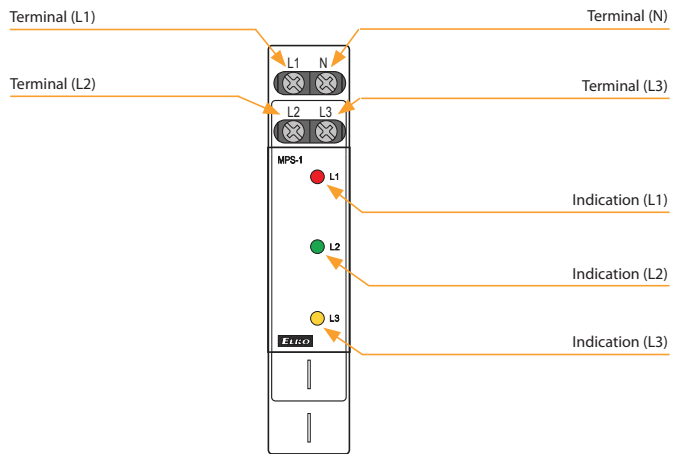


EAN code  
MPS-1: 8595188145978

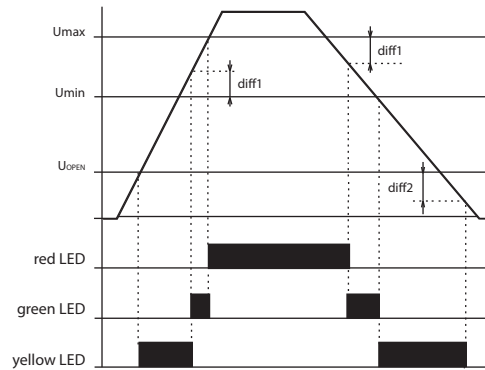
Technical parameters		MPS-1
Supply voltage:	AC 3x 400/230 V (50-60 Hz)	
Supply voltage tolerance:	+20 %; -75 %	
Power consumption:	max. 1 VA/0.5 W	
Indication		
LED not illuminated:	0 to 50 V/45 to 0 V	
LED illuminated		
yellow:	50 to 207 V/195.5 to 45 V	
green:	207 to 264.5 V/253 to 195.5 V	
red:	264.5 to 276 V/276 to 253 V	
Other information		
Design:	1 MODULE	
Mounting:	DIN rail EN60715	
Operating position:	any	
Coverage:	panel IP40, terminals IP10	
Overvoltage category:	III.	
Contamination level:	2	
Max. cable size (mm <sup>2</sup> ):	solid wire max. 2x 2.5 or 1x 4/ with sleeve max. 1x 2.5 or 2x 1.5 (AWG 12)	
Working temperature:	-20 °C to 55 °C (-4 °F to 131 °F)	
Storage temperature:	-30 °C to 70 °C (-22 °F to 158 °F)	
Dimensions:	90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5")	
Weight:	48 g (1.7 oz.)	
Standards:	EN 60947-1, EN 60947-5-1	

- Used for optical signaling of the voltage level in 3-phases.
- Each phase features LED signaling broken is divided by color into voltage levels:
  - voltage in tolerance of  $\pm 15\%$  - green
  - overvoltage - red
  - undervoltage - yellow
  - voltage < 50 V - LED not illuminated.
- 4-wire connection - L1, L2, L3, N.
- Monitors phase voltages against neutral wire.
- Not dependent upon order of phases.

**Description of device**



**Function**



After connecting the supply voltage, the LED illuminates - the color corresponds to the voltage size of individual phases. If the phase voltage drops under 45 V (phase outage), the corresponding LED is not illuminated.

**Connection**

