

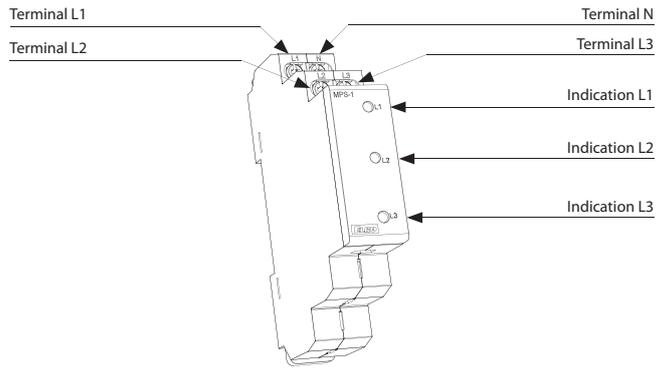


EAN code  
MPS-1: 8595188145978

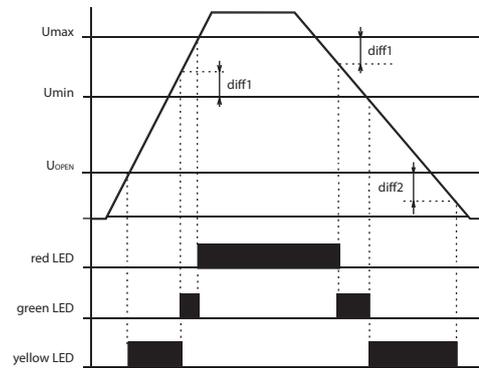
Technical parameters		MPS-1
Supply voltage:	AC 3x 400/230 V / 50 - 60 Hz	
Supply voltage tolerance:	+20 %, -75 %	
Power consumption:	max. 1.0 VA / 0.5 W	
Indication		
LED not illuminated:	0.. 50 V / 45.. 0 V	
LED illuminated		
- yellow:	50.. 207 V / 195.5.. 45 V	
- green:	207.. 264.5 V / 253.. 195.5 V	
- red:	264.5.. 276 V / 276.. 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:	58 g (2 oz.)	
Standards:	EN60947-1, EN60947-5-1	

- Used for optical signaling of the voltage level in three 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.
- Four-wire connection - L1, L2, L3, N.
- Monitors phase voltages against neutral wire.
- Not dependent upon order of phases.
- Four-wire connection - L1, L2, L3, N.
- In 1-MODULE design, DIN rail mounting.

Description of device



Description of 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 40 V (phase outage), the corresponding LED is not illuminated.

Connection

