

# Monitoring relay

## **flare** CONTROL P3-L

- 3 phase monitoring relay
- Detection for loss of one or more phases
- Detection of wrong phase sequence
- Closed circuit principle
- Width 22.5 mm
- 1 change-over contact 6 A



Type	Part No.
<b>flare</b> CONTROL P3-L	81.030.0020.0
<b>Technical data</b>	
Supply voltage range	200 ... 500 V AC
Detection time	max. 0.1 s
Number of change-over contacts	1
Maximum switching current	6 A
Mechanical life time	10 x 10 <sup>6</sup>
Electrical life time AC1	0.05 x 10 <sup>6</sup>
Connection clamps	Screw clamp
Wire range fine-stranded/solid	0.14 - 4 mm <sup>2</sup> (AWG 26 - 12)
Degree of protection / Mounting rail	IP 20 / TH 35 (EN60715)
Dimensions (mm) W x H x D	22.5 x 100 x 100
Operation temperature range	-20 ... +60°C
Approvals	CE

## **flare** CONTROL P3-LTN

- 3 phase monitoring relay
- 3 or 4 wire monitoring
- Detection for loss of one or more phases
- Detection of wrong phase sequence
- Adjustable asymmetry trigger 3 wire
- Closed circuit principle
- Supports worldwide mains systems (adjustable)
- Width 22,5 mm
- 1 change-over contact 6 A



Type	Part No.
<b>flare</b> CONTROL P3-LTN	81.030.0021.0
<b>Technical data</b>	
Supply voltage 3 phase / 3 wire	380, 400, 415, 480 V AC
Supply voltage 3 phase / 4 wire	220, 230, 240, 277 V AC
Detection range for asymmetry	2 ... 22 %
Detection time at asymmetry	0.1 ... 30 s
Number of change-over contacts	1
Maximum switching current	6 A
Mechanical life time	10 x 10 <sup>6</sup>
Electrical life time AC1	0.05 x 10 <sup>6</sup>
Connection clamps	Screw clamp
Wire range fine-stranded/solid	0.14 - 4 mm <sup>2</sup> (AWG 26 - 12)
Degree of protection / Mounting rail	IP 20 / TH 35 (EN60715)
Dimensions (mm) W x H x D	22.5 x 100 x 100
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