

## Data sheet

Commercial Art.No.: 81.030.0021.1

Monitoring relay flare CONTROL P3-LTN

flare CONTROL P3-L, three-phase, 3/4-wire phase asymmetry / phase sequence / phase loss-relays without auxiliary supply voltage, rated voltage adjustable 220-480V AC, 1 change-over contact; W x H x D: 22,5 × 95 × 100mm



Commercial Art.No.	81.030.0021.1
EAN	4049088252457
Order Unit	1

Certificates / Approvals



## Technical data

### General

Connection type	screw connection
Number of change-over contacts	1
Type of excitation	AC
Detachable clamps	yes
Phase sequence monitoring	yes
Phase failure monitoring	yes
Function under voltage detection	yes
Function over voltage detection	yes
Phase imbalance monitoring	yes
Number of measuring circuits	1

### Technical data

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
Input voltage DC max.	
Switching current	≤ 6 A
Mechanical life time	10 <sup>7</sup> switching cycles
Electrical life time AC1	0,05 x 10 <sup>6</sup>
Wire range solid/fine-stranded	0,14 - 4 mm <sup>2</sup>
Degree of protection (IP)	IP20
Mounting method	DIN rail (top hat rail) 35 mm

Operating temperature min.	-20 °C
Operating temperature max.	60 °C
Number of phases	3
Max. rated frequency	

**Dimensions**

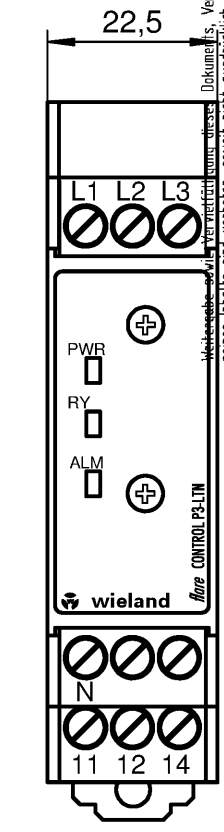
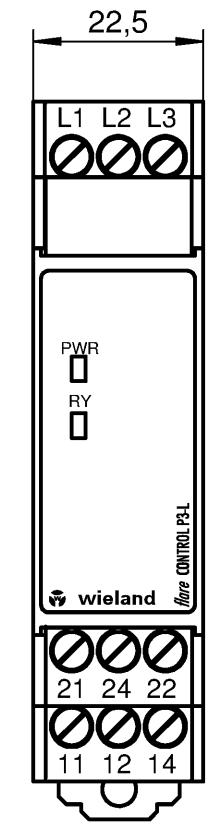
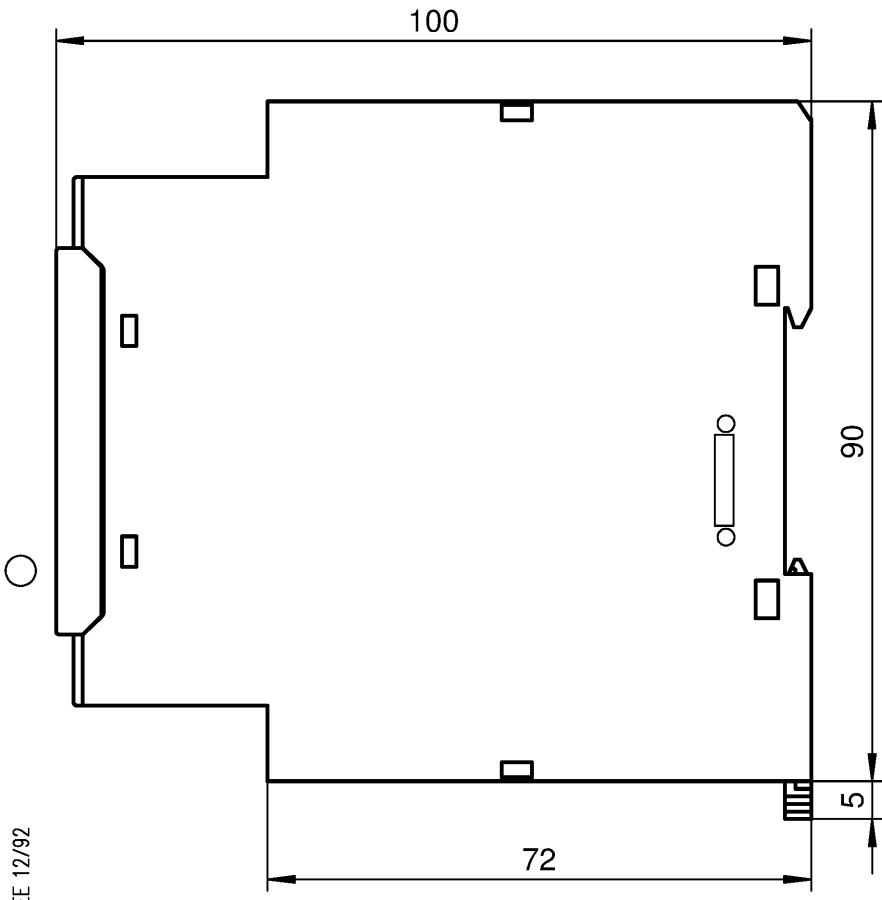
Depth	100 mm
Width	22.5 mm
Height	100 mm

**Classification**

ECLASS 11	
ECLASS 8.1	27371803
ETIM 7.0	EC001441
ETIM 6.0	EC001441
ETIM 5.0	EC001441
ETIM 4.0	EC001441

**Product compliance**

REACH-SVHC conformity status	Compliant
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flare CONTROL P3-L

flare CONTROL P3-LTN

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Teile-Nr. / Part-No.	Typ / Type
81.030.0020.1	flare CONTROL P3-L
81.030.0021.1	flare CONTROL P3-LTN

Weitere Angaben siehe KATALOG oder eKatalog.  
 Additional data see CATALOG or eCatalog.

[www.wieland-electric.com](http://www.wieland-electric.com)  
[eshop.wieland-electric.com](http://eshop.wieland-electric.com)

ja/yes  Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.  
 Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance		CAD-Zeichnung, keine manuellen Änderungen CAD-Drawing, no manual modifications allowed			1. Verwendung: First Use:		Blatt: Sheet:	
		Werkstoff/ Material		2015	Tag/ Date	Zeichnung Nr./ Drawing No.		
				gezeichnet drawn	20.03.	T 81.030.0020.1 01K		
Maßstab/Scale				geprüft checked		Maße in mm/Dimensions are in mm		
		Datei/ File: 041591__01K.DCD		Ersatz für/ Replacement for:				
				Type		Benennung/ Title		
Index						Teilespezifikation / Component specification		
Datum/ Blatt Date/ Sheet				Überwachungsrelais / Monitoring Relay				
Änderung/ Revision				flare CONTROL				