INDUSTRIAL COMPONENT DATA

EMD-FL-V-300 2866048 PHOENIX CONTACT Monitoring relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: EMD-FL-V-300

PRODUCT IMAGE\nNOT AVAILABLE

Manufacturer	PHOENIX CONTACT
MPN / Reference	EMD-FL-V-300
Catalog number	2866048
Category	Voltage monitoring relay
Minimum order	1 Pcs
Document ID	EO-51089567EF
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Product Overview

Monitoring relay
Supervisory relay for 1-phase voltage monitoring of 0...300 V AC/DC, overvoltage/undervoltage or Window, error memory, long-range power supply, 2 switched contacts
Monitoring relay for monitoring 1-phase voltages of 0…300 V AC/DC, overvoltage/undervoltage or window, error memory, wide range power supply unit, 2 changeover contacts

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Relays

Additional Product Information

Technical dataNotesUtilization restriction
EMC note EMC: class A product, see manufacturer's declaration in the download area
Product propertiesProduct type Voltage monitoring relay
Operating mode 100% operating factor
Mechanical service life approx. 2x 107cycles
Data management status
Article revision 03
Insulation characteristics
Insulation Basic insulation
Overvoltage category III
Pollution degree 2
Electrical propertiesService life electrical 2x 105cycles at ohmic load, 1000 VA

Maximum power dissipation for nominal condition 1 W
Mains type 1-phase
Rated insulation voltage 300 V
Rated surge voltage 4 kV
Supply
Supply voltage range 24 V AC ... 240 V AC -15 % ... +10 %
24 V DC ... 240 V DC -20 % ... +25 %
Type of supply voltage AC/DC
Nominal power consumption 4.5 VA (1.5 W)
Input dataInput name Measuring input
Measured value DC, AC sine
Protection <= 20 A
Input voltage range 0 V ... 30 V AC/DC (connection terminal blocks: U1 and GND)
0 V ... 60 V AC/DC (connection terminal blocks: U2 and GND)
0 V ... 300 V AC/DC (connection terminal blocks: U3 and GND)
Maximum input voltage 100 Vrms(connection terminal blocks: U1 and GND)
150 Vrms(connection terminal blocks: U2 and GND)
440 Vrms(connection terminal blocks: U3 and GND)
Input resistance of voltage input 47 k? (connection terminal blocks: U1 and GND)
100 k? (connection terminal blocks: U2 and GND)
470 k? (connection terminal blocks: U3 and GND)
Frequency range 48 Hz ... 400 Hz
Maximum temperature coefficient < 0.1 %/K
Setting r...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EMD-FL-V-300 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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