

INDUSTRIAL COMPONENT DATA

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

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

 PRODUCT IMAGE\n\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-18CFF1CB15
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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
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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 Ω (connection terminal blocks: U1 and GND)

100 k Ω (connection terminal blocks: U2 and GND)

470 k Ω (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.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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