

WPM-VMR-3PH-PH-A**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The analogue converters of the EPAK series are characterised by their compact design.

The wide range of functions available with this series of analogue converters make them suitable for applications which do not require international approvals.

Properties:

- Safe isolation, conversion and monitoring of your analogue signals
- Configuration of the input and output parameters directly on the device via DIP switches
- No international approvals
- High interference resistance

General ordering data

Version	Limit value monitoring, Input : 3 phase, Output : Relay, 2 x relays
Order No.	2797880000
Type	WPM-VMR-3PH-PH-A
GTIN (EAN)	4064675257219
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	63 mm	Depth (inches)	2.4803 inch
Height	90 mm	Height (inches)	3.5433 inch
Width	22.5 mm	Width (inches)	0.8858 inch
Net weight	79.55 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...60 °C
Humidity at operating temperature	0...95 % (no condensation)		

Probability of failure

SIL in compliance with IEC 61508	None
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Input

Number inputs	1 x three-phase (R, S, T, N), 1	Input frequency	40...60 Hz
Input voltage	400V AC (L-L) ±15%		

Output

Number of outputs	1
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Output (digital)

Rated switching current	3 A	Number of digital outputs	2
Max. switching voltage, AC	250 V	Max. switching voltage, DC	24 V
Type	Relay, 1 CO contact, 2 CO contacts	Alarm function	Phase error

General data

Protection degree	IP20	Supply voltage	from the measuring circuit
Step response time	≤ 200 ms (10...90%)	Mounting rail	TS 35
Power consumption	2.2 W	Temperature coefficient	≤ 100 ppm/K
Nominal power consumption	1.5 VA	Configuration	none

Insulation coordination

Surge voltage category	II	Pollution severity	2
Galvanic isolation	between input/output/ supply/relay	Insulation voltage	2 kV DC / 1 min.
Rated voltage	300 V		

Connection data

Type of connection	Screw connection	Tightening torque, min.	0.6 Nm
Tightening torque, max.	0.4 Nm	Clamping range, rated connection	2 mm ²

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Clamping range, min.	0.5 mm ²	Clamping range, max.	2 mm ²
Wire connection cross section AWG, min.	AWG 14	Wire connection cross section AWG, max.	AWG 30

Classifications

ETIM 8.0	EC002654	ETIM 9.0	EC002654
ETIM 10.0	EC002654	ECLASS 14.0	27-21-01-22
ECLASS 15.0	27-21-01-22		

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Drawings

