

WPM-VMR-3PH-PH**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 voltage, Input : 3 phase, Output : Relay
Order No.	77600543 10
Type	WPM-VMR-3PH-PH
GTIN (EAN)	4050118477849
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	58 mm	Depth (inches)	2.2835 inch
Width	22.5 mm	Width (inches)	0.8858 inch
Length	90 mm	Length (inches)	3.5433 inch
Net weight	59.64 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

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7cl
REACH SVHC	No SVHC above 0.1 wt%

Input

Number inputs	1	Input frequency	40...60 Hz
Input voltage	400V AC (L-L) ±15%		

Output

Number of outputs 1

Output (digital)

Rated switching current	3 A	Number of digital outputs	1
Max. switching voltage, AC	250 V	Max. switching voltage, DC	24 V
Type	Relay, 1 CO contact	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

Impulse withstand voltage	4 kV (1.2/50 µs)	EMC standards	IEC 61000-6-2, IEC 61000-6-4
Surge voltage category	II	Pollution severity	2

Creation date 24.02.2026 08:05:56 MEZ

Catalogue status / Drawings

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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.	0.4 Nm
Tightening torque, max.	0.6 Nm	Clamping range, rated connection	2 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	2 mm ²
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 14

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

