

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

Order No.	7760054310
Type	WPM-VMR-3PH-PH
GTIN (EAN)	4050118477849
Qty.	1 Stück

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Technische Daten

Dimensions and weights

Depth	58 mm	Depth (inches)	2.283 inch
Width	22.5 mm	Width (inches)	0.886 inch
Length	90 mm	Length (inches)	3.543 inch
Net weight	59.64 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-20 °C...60 °C
Operating temperature, min.	-20 °C	Operating temperature, max.	60 °C
Humidity at operating temperature	0...85 % rel. humidity		

Input

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

Output (digital)

Alarm function	Phase error	Max. switching voltage, AC	250 V
Max. switching voltage, DC	30 V	Rated switching current	3 A
Type	Relay, 1 CO contact		

General data

Configuration	none	Galvanic isolation	between input/output
Step response time	≤ 200 ms (10...90%)	Temperature coefficient	≤ 250 ppm/K of measuring range
Voltage supply	from the measuring circuit		

Insulation coordination

EMC standards	IEC 61000-6-2, IEC 61000-6-4	Galvanic isolation	between input/output
Impulse withstand voltage	4 kV (1.2/50 µs)	Insulation voltage	2 kV DC / 1 min.
Pollution severity	2	Rated voltage	300 V
Surge voltage category	II		

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 6.0	EC002654	ETIM 7.0	EC002654
ETIM 8.0	EC002654	ECLASS 9.0	27-21-01-22
ECLASS 9.1	27-21-01-22	ECLASS 10.0	27-21-01-22
ECLASS 11.0	27-21-01-22	ECLASS 12.0	27-21-01-22

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Technische Daten

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of
Conformity

[Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[Manual_WPM-VMR-3PH-PH_Rev00](#)

Catalogues

[Catalogues in PDF-format](#)

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Zeichnungen

