

E-pak
WPM-VMR-3PH-PH

Weidmüller Interface GmbH & Co. KG
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The analogue converters of the E-PAK 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

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

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Technical data**Dimensions and weights**

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

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

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

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		

Output (digital)

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

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	eClass 6.2	27-37-18-03
eClass 9.0	27-21-01-22	eClass 9.1	27-21-01-22

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Data sheet**E-pak**
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Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[Declaration of Conformity](#)

Engineering Data

[STEP](#)

User Documentation

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

Data sheet

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Drawings

