

EPAK-VMR-3PH-PH**Weidmüller Interfaces GmbH & Co. KG**

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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.	7760054248
Type	EPAK-VMR-3PH-PH
GTIN (EAN)	6944169733802
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	89 mm	Depth (inches)	3.504 inch
Width	17.5 mm	Width (inches)	0.689 inch
Length	100 mm	Length (inches)	3.937 inch
Net weight	80 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-20 °C...60 °C
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Input frequency	48Hz...63Hz	Input voltage	400 V AC (L-L) ±15%
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Output (digital)

Alarm function	Phase error, Phase sequence, as per factory setting	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 final value
Type of connection	Screw connection	Voltage supply	supplied from voltage measurement inputs

Insulation coordination

EMC standards	IEC 61000-6-2, IEC 61000-6-4, EN 61326	Galvanic isolation	between input/output
Impulse withstand voltage	4 kV (1.2/50 µs)	Insulation voltage	2 kV input / output / power supply
Pollution severity	2	Rated voltage	300 V AC _{rms}
Surge voltage category	III		

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

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Technical data

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of
Conformity

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Engineering Data

[CAD data – STEP](#)

User Documentation

[Instruction sheet](#)

Catalogues

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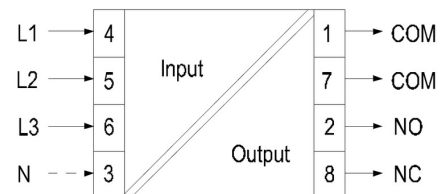
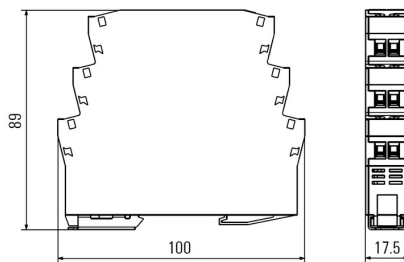
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Drawings



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