

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 pc(s).

WPM-VMR-3PH-PH

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

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
Humidity at operating temperature	0...95 % (no condensation)		

Probability of failure

SIL in compliance with IEC 61508	None
----------------------------------	------

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 frequency	20 Hz
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, between input/output/supply
Step response time	≤ 200 ms (10...90%)	Temperature coefficient	≤ 250 ppm/K of measuring range, 350 ppm/K
Voltage supply	from the measuring circuit		

Insulation coordination

EMC standards	IEC 61000-6-2, IEC 61000-6-4	Galvanic isolation	between input/output, between input/output/supply
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

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Classifications**

ETIM 6.0	EC002654	ETIM 7.0	EC002654
ETIM 8.0	EC002654	ETIM 9.0	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	ECLASS 13.0	27-21-01-22

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

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

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Drawings**