

EPAK-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.	7760054248
Type	EPAK-VMR-3PH-PH
GTIN (EAN)	6944 1697 33802
Qty.	1 pc(s).

EPAK-VMR-3PH-PH

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	89 mm	Depth (inches)	3.504 inch
Height	100 mm	Height (inches)	3.937 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
Humidity at operating temperature	0...95 % (no condensation)		

Probability of failure

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

Input

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

Output

Number of outputs	1
-------------------	---

Output (digital)

Alarm function	Phase error, Phase sequence, as per factory setting	Max. switching frequency	20 Hz
Max. switching voltage, AC	250 V	Max. switching voltage, DC	30 V
Number of digital outputs	1	Rated switching current	3 A
Type	Relay, 1 CO contact		

General data

Configuration	none	Galvanic isolation	between input/output, yes, between input/output/supply
Step response time	≤ 200 ms (10...90%)	Temperature coefficient	≤ 250 ppm/K of final value, ± 250 ppm/K, 350 ppm/K
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, yes, between input/output/supply
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		

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****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	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
SCIP	6a722fc5-2d22-41b4-9544-5b95e45a4b77

Approvals

Approvals



ROHS	Conform
------	---------

Downloads

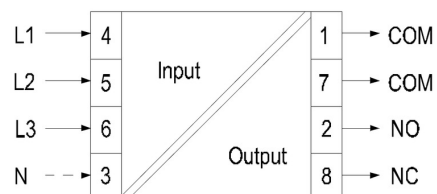
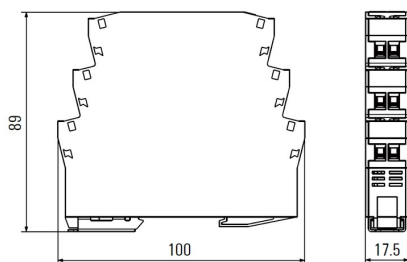
Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	CAD data – STEP
User Documentation	Instruction sheet
Catalogues	Catalogues in PDF-format

EPAK-VMR-3PH-PH

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

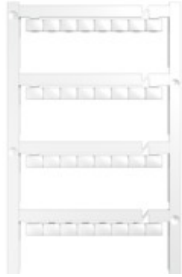


EPAK-VMR-3PH-PH**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Accessories****Blank**

The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/7.5 MC NE WS	Version
Order No.	1720620000	Dekafix, Terminal marker, 5 x 7.5 mm, Pitch in mm (P): 7.50
GTIN (EAN)	4008190362300	Weidmueller, white
Qty.	320 pc(s).	