

E-pak
EPAK-CMR-1PH-5-24V**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

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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

Type	EPAK-CMR-1PH-5-24V
Order No.	7760054246
GTIN (EAN)	6944169733789
Qty.	1 pc(s).

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Technical data
Dimensions and weights

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

Temperatures

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

Input signal	AC (sine), DC	Input current	0.1...1A AC/DC, 0.5...5A AC/DC
Input frequency	40...60 Hz		

General data

Accuracy	5 % I_N	Configuration	DIP switch and potentiometer
Galvanic isolation	between input / output / supply / relay	Power consumption	<60 mA @24 VDC
Repeat accuracy	2 % I_N	Step response time	< 220 ms (10...90 %)
Temperature coefficient	≤ 250 ppm/K	Voltage supply	18...30 VDC

Insulation coordination

EMC standards	IEC 61000-6 /-2, IEC 61000-6-4	Galvanic isolation	between input / output / supply / relay
Impulse withstand voltage	4 kV (1.2/50 µs)	Insulation voltage	2.2 kVAC, 1 min, 50 Hz
Pollution severity	2	Rated voltage	300 V AC _{rms}
Surge voltage category	II		

Output (digital)

Alarm function	Surge current, Under-current, Alarm range: 10% ... 100% I_N , Hysteresis: 5% I_N (fixed), Alarm delay: 0...10 s	Type	Relay, 1 CO contact
Max. switching voltage, DC	30 V	Max. switching voltage, AC	250 V
Continuous 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

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Classifications

ETIM 6.0	EC002654	eClass 6.2	27-37-18-02
eClass 9.0	27-21-01-22	eClass 9.1	27-21-01-22

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	STEP
User Documentation	Instruction sheet

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Drawings

