

EPAK-TMR-PTC

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.	7760054304
Type	EPAK-TMR-PTC
GTIN (EAN)	6944 169742453
Qty.	1 Stück

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Technische Daten

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

Output (digital)

Alarm function	Over-temperature, Temperature limit (relay currentless): 3.6 kΩ ±5%, Temperature hysteresis (relay supplied with current): 1.6 kΩ ±5%	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
Power consumption	<60mA @ 24VDC	Step response time	≤ 200 ms (10...90%)
Temperature coefficient	350 ppm/K	Voltage supply	18...30 VDC

Insulation coordination

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

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	EC002919	ETIM 7.0	EC002919
ETIM 8.0	EC002919	ECLASS 9.0	27-21-01-29
ECLASS 9.1	27-21-01-29	ECLASS 10.0	27-21-01-29
ECLASS 11.0	27-21-01-29	ECLASS 12.0	27-21-01-29

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	6a722fc5-2d22-41b4-9544-5b95e45a4b77

Erstellungs-Datum June 1, 2023 10:53:03 AM CEST

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Technische Daten

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of
Conformity

[Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

User Documentation

[Instruction sheet](#)

Catalogues

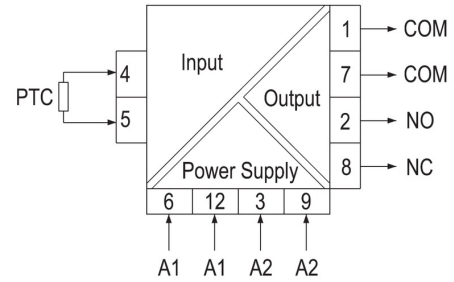
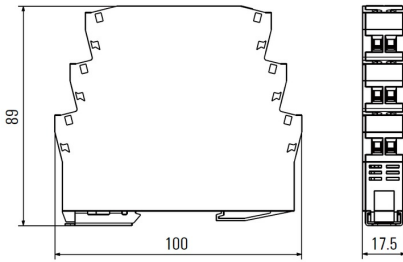
[Catalogues in PDF-format](#)

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Zeichnungen



Triggering characteristic

