

**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.	<a href="#">7760054304</a>
Type	EPAK-TMR-PTC
GTIN (EAN)	6944 169742453
Qty.	1 pc(s).

Creation date December 4, 2023 8:58:02 AM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

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## 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...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 <sub>rms</sub>
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 <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping range, max.	2 mm <sup>2</sup>
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	ETIM 9.0	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	ECLASS 13.0	27210129

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## Technical data

### Environmental Product Compliance

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

### Approvals

Approvals



ROHS	Conform
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### Downloads

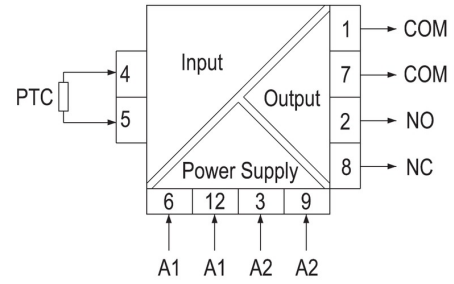
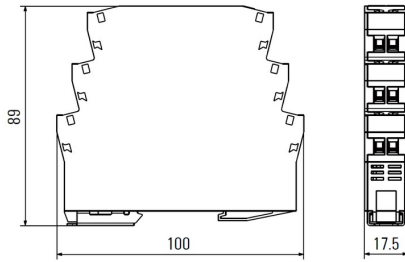
Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Instruction sheet</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

**EPAK-TMR-PTC**

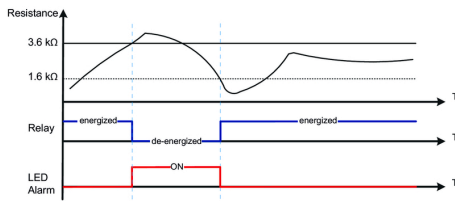
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**Drawings**



**Triggering characteristic**



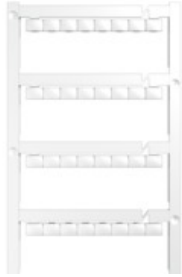
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**Accessories**

**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.	<a href="#">1720620000</a>	Dekafix, Terminal marker, 5 x 7.5 mm, Pitch in mm (P): 7.50	
GTIN (EAN)	4008190362300	Weidmueller, white	
Qty.	320 pc(s).		