

DK 4Q/TC TYP K**Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

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Product image

Thermocouple Terminal blocks are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal block when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes and controllers.

General ordering data

Version	SAK Series, Thermocouple terminal, Double-tier terminal, Rated cross-section: 4 mm ² , Screw connection, Direct mounting
Order No.	1338260000
Type	DK 4Q/TC TYP K
GTIN (EAN)	4008190109561
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Depth	59.5 mm	Depth (inches)	2.343 inch
Height	54 mm	Height (inches)	2.126 inch
Width	6 mm	Width (inches)	0.236 inch
Net weight	13.3 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	100 °C		

Material data

Material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

System specifications

Version	Screw connection, Thermocouple, One end without connector	End cover plate required	Yes
Number of potentials	2	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 32	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²
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Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping screw	M 3	Connection cross-section, stranded, max.	4 mm ²
Connection cross-section, stranded, min.	1.5 mm ²	Connection direction	on side
Gauge to IEC 60947-1	A3	Number of connections	4
Stripping length	9 mm	Tightening torque, max.	1 Nm
Tightening torque, min.	0.5 Nm	Torque level with DMS electric screwdriver	2
Type of connection	Screw connection	Wire connection cross section, finely stranded, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

Installation advice	Direct mounting	Rail	TS 32
Standards	IEC 60584, IEC 60947-7-1		

Rating data

Rated cross-section	4 mm ²	Rated voltage	500 V
Standards	IEC 60584, IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Power loss in accordance with IEC 60947-7-x	1.02 W		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20	ECLASS 12.0	27-14-11-20

Approvals

Approvals			
ROHS	Conform		

Data sheet

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Technical data

Downloads

Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format