

PPT/35

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

General ordering data

Version	SAK Series, Test-disconnect terminal, Rated cross-section: 6 mm ² , Screw connection
Order No.	3835020000
Type	PPT/35
GTIN (EAN)	4008 19097 1885
Qty.	10 Stück

Erstellungs-Datum June 1, 2023 10:45:22 AM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

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Technische Daten

Dimensions and weights

Depth	77 mm	Depth (inches)	3.031 inch
Height	138 mm	Height (inches)	5.433 inch
Width	15 mm	Width (inches)	0.591 inch
Net weight	147.2 g		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	160 °C		

Material data

Material	Epoxy resin, EP	Colour	black
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, Spacer, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

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

Conductors for clamping (rated connection)

Clamping range, max.	10 mm ²	Clamping range, min.	0.5 mm ²
Connection cross-section, stranded, max.	10 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	on side	Number of connections	2
Stripping length	12 mm	Tightening torque, max.	1.6 Nm
Tightening torque, min.	1.2 Nm	Type of connection	Screw connection
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross section, finely stranded, min.	1.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Disconnect terminals

Cross-disconnect	without	Slitting	pluggable
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General

Rail	TS 35	Standards	IEC 60947-7-1
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Rating data

Rated cross-section	6 mm ²	Rated voltage	1,500 V
Rated current	30 A	Current at maximum wires	30 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	15 kV	Power loss in accordance with IEC 60947-7-x	1.31 W
Pollution severity	3		

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	EC000902	ECLASS 9.0	27-14-11-26
ECLASS 9.1	27-14-11-26	ECLASS 10.0	27-14-11-26
ECLASS 11.0	27-14-11-26	ECLASS 12.0	27-14-11-26

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	c6099607-b1cd-4fc8-8f5b-8c2defa73093

Approvals

Approvals



ROHS	Conform
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Downloads

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