

AKE 4 MS**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

A protective feed through terminal block is an electrical conductor for the purpose of safety and is used in many applications. To establish the electrical and mechanical connection between copper conductors and the mounting support plate, PE terminal blocks are used. They have one or more contact points for connection with and/or bifurcation of protective earth conductors.

General ordering data

Order No.	0211200000
Type	AKE 4 MS
GTIN (EAN)	4008190074906
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	30 mm	Depth (inches)	1.181 inch
Height	32 mm	Height (inches)	1.26 inch
Width	7 mm	Width (inches)	0.276 inch
Net weight	10.64 g		

Temperatures

Storage temperature	-25 °C...55 °C
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System specifications

Version	Screw connection, With PE connection	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	1	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 15	N-function	No
PE function	Yes	PEN function	No

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	Open
Type of mounting	when screwed in		

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm ²
Clamping range, min.	0.5 mm ²	Clamping screw	M 3.5
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	1	Stripping length	9 mm
Tightening torque, max.	1.6 Nm	Tightening torque, min.	0.8 Nm
Torque level with DMS electric screwdriver	3	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.	4 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.	4 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

Dimensions

TS 15 offset	16 mm
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General

Installation advice	Direct mounting	Rail	TS 15
Standards	IEC 60947-7-2		

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Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Technical data

PE rating data

Rated short-time current	480 A (4 mm ²)	Centre screw on PE terminals	M 3.5
Tightening torque range for fixing screw	0.8...1.6 Nm	PEN function	No

Rating data

Rated cross-section	4 mm ²	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	1 mΩ	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3		

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ECLASS 9.0	27-14-11-41
ECLASS 9.1	27-14-11-41	ECLASS 10.0	27-14-11-41
ECLASS 11.0	27-14-11-41	ECLASS 12.0	27-14-11-41

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity CE Declaration of Conformity all terminals
Engineering Data	CAD data – STEP
Engineering Data	WSCAD
User Documentation	Storage Conditions Terminal Blocks
Catalogues	Catalogues in PDF-format