



General ordering data

Order No.	1303360000
Part designation	AKE 2.5
Version	Earth terminal, 2.5 mm ² , Screw connection, Polyamide, green/yellow, TS 15
EAN	4008190084950
Qty.	100 pc(s).

PT OKIECEX/ATEX rating data

EU-type examination certificate	SIRA02ATEX3001U
Download English	SIRA02ATEX3001U_e.pdf
IECEX Certificate of Conformity	IECEXSIR05.0038U
Download	IECEXSIR05.0038U_e.pdf
ATEX conductor cross-section	4 mm ²
IECEX conductor cross-section	2.5 mm ²
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEX-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

Additional technical data

Colour of insulating material	green/yellow
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 15
Insulating material	Polyamide
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 100 °C
Product family	SAK Series
Type of connection	Screwed
Type of mounting	Screwed
UL 94 flammability rating of insulation material	V2
Version	PE terminal

CSA rating data

Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 12

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	4 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	7 mm
Clamping screw	M 2.5
Blade size	3.0 x 0.5 mm
Tightening torque range	0.4...0.6 Nm
Torque level with DMS electric screwdriver	1
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm ²
Solid, max.	4 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	2.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	2.5 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm ²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	3.31 mm ²

Dimensions

Width	5.1 mm
Height of lowest version	28 mm
Length	28 mm
TS 15 offset	13.5 mm

Disconnect terminals

Torque level with DMS electric screwdriver	1
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PE rating data

Centre screw on PE terminals	M 2.5
PEN function	No
Pollution severity	3

PE rating data

Rated cross-section	2.5 mm ²
Rated impulse withstand voltage to adjacent terminal	4 kV
Rated short-time current	300 A (2.5 mm ²)
Rated voltage for adjacent terminal	250 V
Standards	IEC 60947-7-2
Tightening torque range for fixing screw	0.4...0.6 Nm
Torque level with DMS electric screwdriver	1

Rating data

Rated cross-section	2.5 mm ²
Standards	IEC 60947-7-2
Pollution severity	3

UL rating data

Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 12

Approvals

Approvals institutes



Classifications

ETIM 2.0	EC000901
ETIM 3.0	EC000901
eClass 4.1	27-14-03-05
eClass 5.0	27-14-03-05
eClass 5.1	27-14-03-05

Similar products

Order No.	Part designation	Version
0380260000	AKE 4	Earth terminal, 4 mm ² , Screw connection, PA 66, green/yellow, TS 15
0211200000	AKE 4 MS	Earth terminal, 4 mm ² , Screw connection, PA 66, TS 15