

General ordering data

Order No.	0340480000
Part designation	AKZ 1.5 BL
Version	Feed-through terminal, 1.5 mm ² , Screw connection, Polyamide, blue, TS 15
EAN	4008190075378
Qty.	100 pc(s).

Product notes

Note, ordering data	AKZ 1.5 order Nos 0340460000 and 0340480000 made from PA with V2 flammability rating to UL 94
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PT OKIECEEx/ATEX rating data

EU-type examination certificate	SIRA02ATEX3001U
Download English	SIRA02ATEX3001U_e.pdf
IECEEx Certificate of Conformity	IECEXSIR05.0038U
Download	IECEXSIR05.0038U_e.pdf
ATEX voltage	176 V
ATEX current	15 A
ATEX conductor cross-section	1.5 mm ²
IECEEx voltage	176 V
IECEEx current	15 A
IECEEx conductor cross-section	1.5 mm ²
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEEx-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	blue
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	Clamped
UL 94 flammability rating of insulation material	V2
Version	Feed-through terminal

CSA rating data

Voltage (CSA)	300 V
CSA current	10 A

CSA rating data

Min. cross-section (CSA)	AWG 24
Max. cross-section (CSA)	AWG 16

Conductors for clamping (additional connection)

Type of connection	---
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	1.5 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.21 mm ²
Clamping range, max.	2.5 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	A1
Solid, min.	0.5 mm ²
Solid, max.	2.5 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	1.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	1.5 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	1.5 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)	1.5 mm ²
Twin wire-end ferrule, min.	0.5 mm ²
Twin wire end ferrule, max.	0.75 mm ²
AWG conductor size, min.	AWG 24
AWG conductor size, max.	AWG 14
AWG conductor size, min.	0.21 mm ²
AWG conductor size, max.	2.08 mm ²

Dimensions

Width	5.1 mm
Height of lowest version	25 mm
Length	24.8 mm
Weight	3.58 g
TS 15 offset	12.4 mm

Disconnect terminals

Torque level with DMS electric screwdriver	1
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Rating data

Rated cross-section	1.5 mm ²
Rated voltage	250 V
Rated impulse voltage	4 kV
Rated current	17.5 A
Standards	IEC 60947-7-1
Current with max. conductor	24 A
Pollution severity	3

UL rating data

Voltage (UL)	150 V
Current (UL)	15 A
Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 14

Approvals

Approvals institutes

**Classifications**

ETIM 2.0	EC001283
ETIM 3.0	EC001283
eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

Similar products

Order No.	Part designation	Version
0340460000	AKZ 1.5	Feed-through terminal, 1.5 mm ² , Screw connection, Polyamide, beige, TS 15
0697160000	AKZ 2.5	Feed-through terminal, 2.5 mm ² , Screw connection, PA 66, beige, TS 15
0697180000	AKZ 2.5 BL	Feed-through terminal, 2.5 mm ² , Screw connection, PA 66, blue, TS 15
0294360000	AKZ 4	Feed-through terminal, 4 mm ² , Screw connection, Polyamide, beige, TS 15
0294380000	AKZ 4 BL	Feed-through terminal, 4 mm ² , Screw connection, Polyamide, blue, TS 15