



#### General ordering data

Order No.	0340460000
Short text for material	AKZ 1.5
EAN	4008190091576
Qty	100

#### IEC/EN 60079-7 rating data

Certificate No.	SIRA02ATEX3001U
Certificate No.	IECEXSIR05.0038U
max. voltage	176 V
Current	15 A
Conductor cross-section, max.	1.5 mm <sup>2</sup>
max. voltage	176 V
Current	15 A
Conductor cross-section, max.	1.5 mm <sup>2</sup>
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

#### Additional technical data

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

#### CSA rating data

Min. cross-section (CSA)	AWG 24
Voltage CSA	300 V
Max. cross-section (CSA)	AWG 16
CSA current	10 A

#### Conductors for clamping (additional connection)

Type of connection	---
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**Conductors for clamping (rated connection)**

Stripping length	7 mm
Type of connection	Screw connection
No. of connections	2
Solid, min.	0,5 mm <sup>2</sup>
Twin wire-end ferrule, min.	0,50 mm <sup>2</sup>
Twin wire end ferrule, max.	0,75 mm <sup>2</sup>
Torque level with DMS electric screwdriver	1
Tightening torque range	0.4...0.6 Nm
Solid, max.	2,5 mm <sup>2</sup>
Flexible, max.	1,5 mm <sup>2</sup>
flexible w. ferrule AEH, max. DIN 46228-1	1,5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	1,5 mm <sup>2</sup>
flexible w. ferrule AEH, min. DIN 46228-1	0,5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0,5 mm <sup>2</sup>
Clamping range, max.	2,5 mm <sup>2</sup>
Clamping range, min.	0,2 mm <sup>2</sup>
Clamping screw	M 2.5
Blade size	3.0 x 0.5 mm
Gauge to IEC 60947-1	A1
AWG conductor size, max.	2,08 mm <sup>2</sup>
AWG conductor size, max.	AWG 14
Stranded, max.	1,5 mm <sup>2</sup>
Stranded, min.	1,5 mm <sup>2</sup>
AWG conductor size, min.	0,21 mm <sup>2</sup>
AWG conductor size, min.	AWG 24
Flexible, min.	0,5 mm <sup>2</sup>
2nd type of connection	screwed
Connection direction	on side

**Dimensions**

Weight	3,58 g
Height of lowest version	25 mm
TS 15 offset	7 mm
Length	24,8 mm
Width	5,1 mm

**Disconnect terminals**

Torque level with DMS electric screwdriver	1
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**Rating data**

Rated cross-section	1,5 mm <sup>2</sup>
Rated voltage	250 V
Rated impulse withstand voltage	4 kV
Rated current	17,5 A
Norm	IEC 60947-7-1
Current with max. conductor	24 A
Pollution severity	3

**UL rating data**

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

**Approvals**

Approvals CSA;0344;UL/UR;EX;CE;

Approvals

**Approvals**

Approvals

**Downloads**

DXF	03834_AKZ_1.5_DXF.dxf
STEP	0340460000_03834_AKZ_1.5_STP.

**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

**Related products**

Order No.	Short text for material
0340480000	AKZ 1.5 BL
0697160000	AKZ 2.5
0697180000	AKZ 2.5 BL
0294360000	AKZ 4
0294380000	AKZ 4 BL