

General ordering data

Order No.	0340480000
Short text for material	AKZ 1.5 BL
EAN	4008190075378
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 ²
max. voltage	176 V
Current	15 A
Conductor cross-section, max.	1.5 mm ²
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

Additional technical data

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

CSA rating data

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

Conductors for clamping (additional connection)

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

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

Dimensions

TS 15 offset	7 mm
Weight	3,58 g
Length	24,8 mm
Height of lowest version	25 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 ²
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

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

Approvals

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

Approvals

Approvals	 GOSTEX IEC EX  
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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
0340460000	AKZ 1.5
0697160000	AKZ 2.5
0697180000	AKZ 2.5 BL
0294360000	AKZ 4
0294380000	AKZ 4 BL