



#### General ordering data

Order No.	0380660000
Short text for material	SAK 16/35 PA
EAN	4008190118204
Qty	50

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

Certificate No.	KEMA97ATEX1798U
max. voltage	690 V
Current	66 A
Conductor cross-section, max.	16 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
Version	Feed-through terminal
No. of identical terminals	1
UL 94 flammability rating of insulation material	V2
Type of mouting	clipped
Installation advice	TS 35
Insulating material	PA 66
Colour of insulating material	beige
Operating temperature range	- 50 °C, + 100 °C
Open sides	right
No. of levels	1
No. of terminal strips per level	2
Levels cross-connected internally	No
End plate required	Yes
Explosion-tested version "Ex e"	No
Connection direction	on side

#### CSA rating data

Voltage CSA	600 V
CSA current	87 A
Max. cross-section (CSA)	AWG 6
Min. cross-section (CSA)	AWG 14

### Conductors for clamping (rated connection)

Gauge to IEC 60947-1	B6
AWG conductor size, max.	16,00 mm <sup>2</sup>
AWG conductor size, max.	AWG 6
Stranded, max.	16 mm <sup>2</sup>
Stranded, min.	4 mm <sup>2</sup>
AWG conductor size, min.	3,31 mm <sup>2</sup>
AWG conductor size, min.	AWG 12
Stripping length	15 mm
Type of connection	Screw connection
No. of connections	2
Tightening torque range	2.0...2.4 Nm
Solid, max.	16 mm <sup>2</sup>
Flexible, max.	16 mm <sup>2</sup>
Connection direction	on side
Flexible, min.	4 mm <sup>2</sup>
2nd type of connection	screwed
Solid, min.	2,5 mm <sup>2</sup>
Twin wire-end ferrule, min.	1,50 mm <sup>2</sup>
Twin wire end ferrule, max.	10,00 mm <sup>2</sup>
Torque level with DMS electric screwdriver	4
flexible w. ferrule AEH, max. DIN 46228-1	16 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	16 mm <sup>2</sup>
flexible w. ferrule AEH, min. DIN 46228-1	4 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	4 mm <sup>2</sup>
Clamping range, max.	16 mm <sup>2</sup>
Clamping range, min.	2,5 mm <sup>2</sup>
Clamping screw	M4
Blade size	1.0 x 5.5 mm

### Dimensions

Length	50 mm
Height of lowest version	57,5 mm
Width	12 mm

### Disconnect terminals

Torque level with DMS electric screwdriver	4
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### Rating data

Rated cross-section	16 mm <sup>2</sup>
Rated voltage	1000 V
Rated impulse withstand voltage	8 kV
Rated current	76 A
Norm	IEC 60947-7-1
Current with max. conductor	76 A
Pollution severity	3

#### UL rating data

Voltage UL	600 V
Current (UL)	80 A
Min. cross-section (UL)	AWG 12
Max. cross-section (UL)	AWG 4

#### Approvals

Approvals CSA;UL/UR;CE;

Approvals



#### Approvals

Approvals



#### Classifications

ETIM 2.0	EC000897
ETIM 3.0	EC000897
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
0380680000	SAK 16/35 PA/BL