



#### General ordering data

Order No.	0380560000
Short text for material	SAK 6/35 PA
EAN	4008190134648
Qty	100

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

Certificate No.	KEMA97ATEX1798U
max. voltage	550 V
Current	36 A
Conductor cross-section, max.	6 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 mouting	clipped
UL 94 flammability rating of insulation material	V2
Installation advice	TS 35
Colour of insulating material	beige
Insulating material	PA 66
Open sides	right
Operating temperature range	- 50 °C, + 100 °C
Connection direction	on side
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

CSA current	47 A
Min. cross-section (CSA)	AWG 20
Voltage CSA	600 V
Max. cross-section (CSA)	AWG 8

### Conductors for clamping (rated connection)

Stripping length	12 mm
Type of connection	Screw connection
2nd type of connection	screwed
Solid, min.	0,5 mm <sup>2</sup>
Twin wire-end ferrule, min.	0,50 mm <sup>2</sup>
Twin wire end ferrule, max.	4,00 mm <sup>2</sup>
No. of connections	2
Torque level with DMS electric screwdriver	3
Tightening torque range	0.8...1.6 Nm
Solid, max.	10 mm <sup>2</sup>
Flexible, max.	10 mm <sup>2</sup>
flexible w. ferrule AEH, max. DIN 46228-1	6 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	6 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.	10 mm <sup>2</sup>
Clamping range, min.	0,33 mm <sup>2</sup>
Clamping screw	M 3.5
Blade size	4.0 x 0.8 mm
Gauge to IEC 60947-1	A5
AWG conductor size, max.	8,37 mm <sup>2</sup>
AWG conductor size, max.	AWG 8
Stranded, max.	6 mm <sup>2</sup>
Stranded, min.	0,5 mm <sup>2</sup>
AWG conductor size, min.	0,33 mm <sup>2</sup>
AWG conductor size, min.	AWG 22
Flexible, min.	0,5 mm <sup>2</sup>
Connection direction	on side

### Dimensions

Height of lowest version	44 mm
Length	45 mm
Width	8 mm

### Disconnect terminals

Torque level with DMS electric screwdriver	3
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### Rating data

Rated cross-section	6 mm <sup>2</sup>
Rated voltage	800 V
Rated impulse withstand voltage	8 kV
Rated current	41 A
Norm	IEC 60947-7-1
Current with max. conductor	57 A
Pollution severity	3

### UL rating data

Current (UL)	40 A
Voltage UL	600 V
Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 8

### Approvals

Approvals



### Approvals

Approvals



### Downloads

STEP	0380560000_04800_SAK_6-35_STF
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### 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
0380580000	SAK 6/35 PA/BL