



General ordering data

Order No.	0443760000
Short text for material	SAK 10/35
EAN	4008190136949
Qty	100

IEC/EN 60079-7 rating data

Certificate No.	KEMA97ATEX1798U
max. voltage	550 V
Current	50 A
Conductor cross-section, max.	10 mm ²
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

Min. cross-section (CSA)	AWG 16
CSA current	65 A
Voltage CSA	600 V
Max. cross-section (CSA)	AWG 6

Conductors for clamping (rated connection)

Stripping length	12 mm
Type of connection	Screw connection
No. of connections	2
Torque level with DMS electric screwdriver	4
Tightening torque range	2.0...2.4 Nm
Solid, max.	10 mm ²
Flexible, max.	16 mm ²
flexible w. ferrule AEH, max. DIN 46228-1	10 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	10 mm ²
flexible w. ferrule AEH, min. DIN 46228-1	1,5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1,5 mm ²
Clamping range, max.	16 mm ²
Clamping range, min.	1,5 mm ²
Clamping screw	M4
Blade size	1.0 x 5.5 mm
Gauge to IEC 60947-1	B6
AWG conductor size, max.	13,30 mm ²
AWG conductor size, max.	AWG 6
Stranded, max.	16 mm ²
Stranded, min.	1,5 mm ²
AWG conductor size, min.	2,08 mm ²
AWG conductor size, min.	AWG 14
Flexible, min.	1,5 mm ²
2nd type of connection	screwed
Solid, min.	1,5 mm ²
Twin wire-end ferrule, min.	0,75 mm ²
Twin wire end ferrule, max.	6,00 mm ²
Connection direction	on side

Dimensions

Height of lowest version	51,5 mm
Length	45 mm
Width	10 mm

Disconnect terminals

Torque level with DMS electric screwdriver	4
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Rating data

Rated cross-section	10 mm ²
Rated voltage	800 V
Rated impulse withstand voltage	8 kV
Rated current	57 A
Norm	IEC 60947-7-1
Current with max. conductor	76 A
Pollution severity	3

UL rating data

Current (UL)	60 A
Voltage UL	600 V
Min. cross-section (UL)	AWG 14
Max. cross-section (UL)	AWG 6

Approvals

Approvals



Approvals

Approvals



Downloads

STEP	0443760000_05396_SAK_10-35_ST
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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
0443780000	SAK 10/35 BL