



#### General ordering data

Order No.	0268860000
Part designation	SAKD 2.5/35
Version	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 35
EAN	4008190136284
Qty.	100 pc(s).

#### Product notes

Note, technical data	With twin ferrules ZH 0.5 to ZH 1.5, rated voltage is 690 V.
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#### Additional technical data

Colour of insulating material	beige
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	PA 66
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 100 °C
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V2
Version	Feed-through terminal

#### CSA rating data

Voltage (CSA)	300 V
CSA current	20 A
Min. cross-section (CSA)	AWG 22
Max. cross-section (CSA)	AWG 12

#### Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	0.33 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	10 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.6 Nm
Torque level with DMS electric screwdriver	1
Gauge to IEC 60947-1	A2
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	4 mm <sup>2</sup>
Stranded, min.	0.5 mm <sup>2</sup>
Stranded, max.	4 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm <sup>2</sup>
Twin wire-end ferrule, min.	0.5 mm <sup>2</sup>
Twin wire end ferrule, max.	1 mm <sup>2</sup>
AWG conductor size, min.	AWG 28
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.08 mm <sup>2</sup>
AWG conductor size, max.	3.31 mm <sup>2</sup>

#### Dimensions

Width	5 mm
Height of lowest version	38 mm
Length	44 mm
TS 35 offset	22 mm

#### Disconnect terminals

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

Rated cross-section	2.5 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	24 A
Standards	IEC 60947-7-1
Current with max. conductor	30 A
Pollution severity	3

#### UL rating data

Voltage (UL)	300 V
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#### UL rating data

Current (UL)	20 A
Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 12

#### Approvals

Approvals institutes



#### 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

#### Similar products

Order No.	Part designation	Version
0499560000	SAK 2.5/10/35	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 35
0380460000	SAK 2.5/35	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 35
0380480000	SAK 2.5/35 BL	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, PA 66, blue, TS 35
0380440000	SAK 2.5/35 OR	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, PA 66, Orange, TS 35
0268880000	SAKD 2.5/35 BL	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, PA 66, blue, TS 35