



#### General ordering data

Order No.	0443660000
Part designation	SAK 4/35
Version	Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 35
EAN	4008190019990
Qty.	100 pc(s).

#### Product notes

Note, technical data	With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.
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#### PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA97ATEX1798U
Download, German	KEMA97ATEX1798U_d.pdf
Download English	KEMA97ATEX1798U_e.pdf
IECEX Certificate of Conformity	IECEXKEM06.0014U
ATEX voltage	550 V
ATEX current	28 A
ATEX conductor cross-section	4 mm <sup>2</sup>
IECEX voltage	550 V
IECEX current	28 A
IECEX conductor cross-section	4 mm <sup>2</sup>
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG- Baumusterprüfbescheinigung/IECEX-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

#### Additional technical data

Colour of insulating material	beige
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	Yes
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

#### Additional technical data

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)	600 V
CSA current	36 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 10

#### 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)	4 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	12 mm
Clamping screw	M 3
Blade size	0.6 x 3.5 mm
Tightening torque range	0.5...1.0 Nm
Gauge to IEC 60947-1	A4
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	6 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)	4 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)	4 mm <sup>2</sup>
Twin wire-end ferrule, min.	0.5 mm <sup>2</sup>
Twin wire end ferrule, max.	2.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	5.26 mm <sup>2</sup>

#### Dimensions

Width	6.5 mm
Height of lowest version	44 mm
Length	45 mm

#### Dimensions

TS 35 offset 25 mm

#### Rating data

Rated cross-section 4 mm<sup>2</sup>  
 Rated voltage 800 V  
 Rated impulse voltage 8 kV  
 Rated current 32 A  
 Standards IEC 60947-7-1  
 Current with max. conductor 41 A  
 Pollution severity 3

#### UL rating data

Voltage (UL) 600 V  
 Current (UL) 30 A  
 Min. cross-section (UL) AWG 22  
 Max. cross-section (UL) AWG 12

#### Approvals

Approvals institutes



#### Downloads

STEP 0443660000\_24195\_SAK\_4-35\_STP.stp

#### 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
0530360000	SAK 4/10/35	Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 35
0443680000	SAK 4/35 BL	Feed-through terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, blue, TS 35

1323660000 SAK 4/35 OR

Feed-through terminal, 4 mm<sup>2</sup>, Screw connection, PA 66, Orange,  
TS 35