

General ordering data

Order No.	1784400000
Short text for material	SAK 35/EN BL
EAN	4032248259700
Qty	20

Additional technical data

No. of identical terminals	1
Type of connection	screwed
Version	Feed-through terminal
Installation advice	TS 35 + TS 32
UL 94 flammability rating of insulation material	V2
Insulating material	PA 66
Colour of insulating material	blue
Operating temperature range	- 50 °C, + 100 °C
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	145 A
Max. cross-section (CSA)	AWG 2
Min. cross-section (CSA)	AWG 12

Conductors for clamping (rated connection)

Stripping length	18 mm
Type of connection	Screw connection
No. of connections	2
Solid, min.	2,5 mm ²
Twin wire-end ferrule, min.	1,50 mm ²
Twin wire-end ferrule, max.	16,00 mm ²
Gauge to IEC 60947-1	B8
AWG conductor size, max.	33,62 mm ²
AWG conductor size, max.	AWG 2
Stranded, max.	50 mm ²
Stranded, min.	4 mm ²
AWG conductor size, min. (mm)	13,30 mm ²
AWG conductor size, min.	AWG 12
Connection direction	on side
Flexible, min.	2,5 mm ²
2nd type of connection	screwed
Tightening torque range	4.0...5.0 Nm
Solid, max.	16 mm ²
Flexible, max.	35 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	35 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	35 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	2,5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	2,5 mm ²
Clamping range, max.	50 mm ²
Clamping range, min.	2,5 mm ²
Clamping screw	M 6
Blade size	6.5 x 1.2 mm

Dimensions

Length	58 mm
Height of lowest version	63,5 mm
Width	18 mm

EN 60079-7 rating data

Voltage at cross-connection DU+QV skipping	175 V
Marking ATEX Directive 94/9/EC	II 2 G D
EC conformity verification certificate	KEMA 97ATEX1798 U
Voltage Ex e	550 V
Voltage at cross-connection DU+QV/DU+QV	550 V
Voltage at cross-connection DU+QV/DU	550 V
Marking ATEX Directive 94/9/EC	Ex II 2 G D
Marking EN 60079-7	Ex e II
Current Ex e	109 A

Rating data

Rated cross-section	35 mm ²
Rated voltage	1000 V
Rated impulse withstand voltage	8 kV
Rated current	125 A
Norm	IEC 60947-7-1
Current with max. conductor	150 A
Pollution severity	3

Strap connection

Strap 1, max.	9 layers 9 x 0.8
Strap 1, min.	3 layers 9 x 0.8

UL rating data

Min. cross-section (UL)	AWG 12
Voltage UL	600 V
Current (UL)	110 A
Max. cross-section (UL)	AWG 2

information boxes, print catalogue

Note, accessories	*UNDEFINED TEXT*
Note, technical data	Installation of the QL side by side use a TW/AP.

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
0337660000	SAK 10/EN
1784410000	SAK 10/EN BL
0339760000	SAK 16/EN
1784390000	SAK 16/EN BL
0218660000	SAK 2.5/EN
0218680000	SAK 2.5/EN BL
0339860000	SAK 35/EN
0467460000	SAK 4/EN
0467480000	SAK 4/EN BL

0212860000

SAK 6/EN

0212880000

SAK 6/EN BL