

#### General ordering data

Order No.	0107160000
Part designation	SAK 2.5/TC AL
Version	Special terminal, special connections, 2.5 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32
EAN	4008190188726
Qty.	100 pc(s).

#### Product notes

Product description	Busbars from thermocouple materials, according to DIN IEC 584.
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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 32
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
Product family	SAK Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V2
Version	Thermocouple

#### Conductors for clamping (additional connection)

Type of connection	Screw 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, max.	2.5 mm <sup>2</sup>
Type of connection	Screw connection
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
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	2.5 mm <sup>2</sup>

#### Dimensions

Width	6 mm
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#### Dimensions

Height of lowest version	46.5 mm
Length	36.5 mm
TS 32 offset	18.5 mm

#### Rating data

Rated cross-section	2.5 mm <sup>2</sup>
Standards	IEC 60947-7-1 / IEC 60584
Pollution severity	3

#### Thermal voltage terminals

Type of thermo-elements	Ni
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#### Approvals

Approvals institutes



#### Classifications

ETIM 2.0	EC000904
ETIM 3.0	EC000904
eClass 4.1	27-14-11-31
eClass 5.0	27-14-11-31
eClass 5.1	27-14-11-31

#### Similar products

Order No.	Part designation	Version
1338060000	DK 4Q/TC TYP J	Special terminal, special connections, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32
1338260000	DK 4Q/TC TYP K	Special terminal, special connections, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32
1338160000	DK 4Q/TC TYP T	Special terminal, special connections, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32
0107260000	SAK 2.5/TC CH	Special terminal, special connections, 2.5 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32
0189860000	SAK 2.5 (CO C/B)	Special terminal, special connections, 2.5 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32
0189960000	SAK 2.5 (CU C/B)	Special terminal, special connections, 2.5 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32
0190060000	SAK 2.5 (FE C/B)	Special terminal, special connections, 2.5 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 32