



#### General ordering data

Order No.	0190160000
Short text for material	EK 16/35
EAN	4008190184131
Qty	50

#### Additional technical data

No. of identical terminals	1
Type of connection	screwed
Type of mouting	screwed
Version	PE terminal
Installation advice	TS 35
UL 94 flammability rating of insulation material	V2
Insulating material	PA 66
Colour of insulating material	green/yellow
Operating temperature range	- 50 °C, + 100 °C
Open sides	closed
No. of levels	1
Product range	SAK Series
No. of terminal strips per level	2
Levels cross-connected internally	No
End plate required	No
Connection direction	on side

#### CSA rating data

Max. cross-section (CSA)	AWG 4
Min. cross-section (CSA)	AWG 10

**Conductors for clamping (rated connection)**

Stripping length	16 mm
Type of connection	Screw connection
2nd type of connection	screwed
Solid, min.	2,5 mm <sup>2</sup>
Gauge to IEC 60947-1	B6
AWG conductor size, max.	13,30 mm <sup>2</sup>
AWG conductor size, max.	AWG 6
Stranded, max.	16 mm <sup>2</sup>
Stranded, min.	2,5 mm <sup>2</sup>
AWG conductor size, min. (mm)	3,31 mm <sup>2</sup>
AWG conductor size, min.	AWG 12
Connection direction	on side
Flexible, min.	2,5 mm <sup>2</sup>
No. of connections	2
Tightening torque range	2.0...2.4 Nm
Solid, max.	16 mm <sup>2</sup>
Flexible, max.	16 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	16 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	4 mm <sup>2</sup>
Clamping range, max.	16 mm <sup>2</sup>
Clamping range, min.	1,5 mm <sup>2</sup>
Clamping screw	M 4
Blade size	1.0 x 5.5 mm

**Dimensions**

Length	56 mm
Height of lowest version	50 mm
Width	12 mm
TS 32 offset	8 mm

**PE rating data**

Pollution severity	3
Norm	IEC 60947-7-2
Rated cross-section	16 mm <sup>2</sup>
Rated short-time current	1920 A (16 mm <sup>2</sup> )
PEN function	Yes
Tightening torque range for fixing screw	0.5...1.0 Nm
Centre screw on PE terminals	M 3
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated voltage for adjacent terminal	800 V

**Rating data**

Pollution severity	3
Norm	IEC 60947-7-2
Rated cross-section	16 mm <sup>2</sup>

#### UL rating data

Min. cross-section (UL)	AWG 12
Max. cross-section (UL)	AWG 4

#### Approvals

Approvals



#### Downloads

DXF	09424_EK_16-35_DXF.dxf
STEP	0190160000_09424_EK_16-35_STP

#### Classifications

ETIM 2.0	EC000901
ETIM 3.0	EC000901
eClass 4.1	27-14-03-05
eClass 5.0	27-14-03-05
eClass 5.1	27-14-03-05

#### Related products

Order No.	Short text for material
0661060000	EK 2.5/35
0661160000	EK 4/35
0661260000	EK 6/35
0661360000	EK 10/35
0661460000	EK 35/35
1338300000	EK 70/35/M.2ZB O.IK
0535300000	EK 95/35/1ZB BK
0535400000	EK 95/35/2ZB BK