



#### General ordering data

Order No.	0374660000
Part designation	EK 16
Version	Earth terminal, 16 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 32
EAN	4008190139889
Qty.	50 pc(s).

#### Additional technical data

Colour of insulating material	green/yellow
Connection direction	on side
End plate required	No
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	closed
Operating temperature range	- 50 °C, + 100 °C
Product family	SAK Series
Type of connection	Screwed
Type of mounting	Screwed
UL 94 flammability rating of insulation material	V2
Version	PE terminal

#### CSA rating data

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

#### Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	4 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	16 mm <sup>2</sup>

#### Conductors for clamping (additional connection)

#### Conductors for clamping (rated connection)

Clamping range, min.	2.5 mm <sup>2</sup>
Clamping range, max.	16 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	16 mm
Clamping screw	M 4
Blade size	1.0 x 5.5 mm
Tightening torque range	2.0...4.0 Nm
Gauge to IEC 60947-1	B6
Solid, min.	2.5 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	2.5 mm <sup>2</sup>
Stranded, max.	16 mm <sup>2</sup>
Flexible, min.	2.5 mm <sup>2</sup>
Flexible, max.	16 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	4 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	16 mm <sup>2</sup>
AWG conductor size, min.	AWG 12
AWG conductor size, max.	AWG 6
AWG conductor size, min.	3.31 mm <sup>2</sup>
AWG conductor size, max.	13.3 mm <sup>2</sup>

#### Dimensions

Width	12 mm
Height of lowest version	57.5 mm
Length	50 mm
Weight	48.5 g
TS 32 offset	25 mm

#### PE rating data

Centre screw on PE terminals	M 3.5
PEN function	Yes
Pollution severity	3
Rated cross-section	16 mm <sup>2</sup>
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated short-time current	1920 A (16 mm <sup>2</sup> )
Rated voltage for adjacent terminal	800 V
Standards	IEC 60947-7-2
Tightening torque range for fixing screw	0.8...1.6 Nm

#### Rating data

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

#### UL rating data

Min. cross-section (UL)	AWG 10
Max. cross-section (UL)	AWG 6

#### Approvals

Approvals institutes



#### 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

#### Similar products

Order No.	Part designation	Version
0354660000	EK 10	Earth terminal, 10 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 32
0323100000	EK 2	Earth terminal, 10 mm <sup>2</sup> , Screw connection, PA 66, TS 32
0474360000	EK 2.5N	Earth terminal, 2.5 mm <sup>2</sup> , Screw connection, Polyamide, green/yellow, TS 32
0354760000	EK 35	Earth terminal, 35 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 32
0354560000	EK 4	Earth terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 32
0144400000	SAKE 35	Earth terminal, 35 mm <sup>2</sup> , Screw connection, TS 32
0213200000	SAKE 70/32	Earth terminal, 70 mm <sup>2</sup> , Screw connection, TS 32