



#### General ordering data

Order No.	0661460000
Part designation	EK 35/35
Version	Earth terminal, 35 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 35
EAN	4008190147600
Qty.	20 pc(s).

#### Product notes

Note, technical data	Use the TS 35x15/2.3 for 35 - 50 mm <sup>2</sup> conductors. For AWG 2/7 and H07V-R50, torque is 6 Nm.
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#### 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 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
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 12
Max. cross-section (CSA)	AWG 2

#### Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	10 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	35 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	6 mm <sup>2</sup>
Clamping range, max.	50 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	20 mm
Clamping screw	M 6
Blade size	6.5 x 1.2 mm
Tightening torque range	4.0...6.0 Nm
Gauge to IEC 60947-1	B9
Solid, min.	6 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	16 mm <sup>2</sup>
Stranded, max.	50 mm <sup>2</sup>
Flexible, min.	10 mm <sup>2</sup>
Flexible, max.	35 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	10 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	35 mm <sup>2</sup>
AWG conductor size, min.	AWG 8
AWG conductor size, max.	AWG 2
AWG conductor size, min.	8.37 mm <sup>2</sup>
AWG conductor size, max.	33.62 mm <sup>2</sup>

#### Dimensions

Width	16 mm
Height of lowest version	60 mm
Length	58 mm
TS 15 offset	22 mm
TS 35 offset	29 mm

#### PE rating data

Centre screw on PE terminals	M 4
PEN function	Yes
Pollution severity	3
Rated cross-section	35 mm <sup>2</sup>
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated short-time current	4200 A (35 mm <sup>2</sup> )
Rated voltage for adjacent terminal	800 V
Standards	IEC 60947-7-2
Tightening torque range for fixing screw	1.2...2.4 Nm

#### Rating data

Rated cross-section	35 mm <sup>2</sup>
Standards	IEC 60947-7-2
Pollution severity	3

#### UL rating data

Min. cross-section (UL)	AWG 6
Max. cross-section (UL)	AWG 2

#### UL rating data

#### Approvals

Approvals institutes



#### Downloads

STEP 0661460000\_07299\_EK35\_STP.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

#### Similar products

Order No.	Part designation	Version
0661060000	EK 2.5/35	Earth terminal, 2.5 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 35
0661160000	EK 4/35	Earth terminal, 4 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 35
0661260000	EK 6/35	Earth terminal, 6 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 35
0661360000	EK 10/35	Earth terminal, 10 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 35
0190160000	EK 16/35	Earth terminal, 16 mm <sup>2</sup> , Screw connection, PA 66, green/yellow, TS 35
1338300000	EK 70/35/M.2ZB O.IK	Earth terminal, 70 mm <sup>2</sup> , Screw connection, green/yellow, TS 35
0535300000	EK 95/35/1ZB BK	Earth terminal, 95 mm <sup>2</sup> , Screw connection, green/yellow, TS 35
0535400000	EK 95/35/2ZB BK	Earth terminal, 95 mm <sup>2</sup> , Screw connection, TS 35