



General ordering data

Order No.	0661460000
Part designation	EK 35/35
Version	Earth terminal, 35 mm ² , 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 ² 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 ²
Flexible with ferrule, max. (DIN 46228 pt 1)	35 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	6 mm ²
Clamping range, max.	50 mm ²
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 ²
Solid, max.	16 mm ²
Stranded, min.	16 mm ²
Stranded, max.	50 mm ²
Flexible, min.	10 mm ²
Flexible, max.	35 mm ²
Flexible with ferrule, min. (DIN 46228/1)	10 mm ²
Flexible with ferrule, max. (DIN 46228/1)	35 mm ²
AWG conductor size, min.	AWG 8
AWG conductor size, max.	AWG 2
AWG conductor size, min.	8.37 mm ²
AWG conductor size, max.	33.62 mm ²

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 ²
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated short-time current	4200 A (35 mm ²)
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 ²
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 ² , Screw connection, PA 66, green/yellow, TS 35
0661160000	EK 4/35	Earth terminal, 4 mm ² , Screw connection, PA 66, green/yellow, TS 35
0661260000	EK 6/35	Earth terminal, 6 mm ² , Screw connection, PA 66, green/yellow, TS 35
0661360000	EK 10/35	Earth terminal, 10 mm ² , Screw connection, PA 66, green/yellow, TS 35
0190160000	EK 16/35	Earth terminal, 16 mm ² , Screw connection, PA 66, green/yellow, TS 35
1338300000	EK 70/35/M.2ZB O.IK	Earth terminal, 70 mm ² , Screw connection, green/yellow, TS 35
0535300000	EK 95/35/1ZB BK	Earth terminal, 95 mm ² , Screw connection, green/yellow, TS 35
0535400000	EK 95/35/2ZB BK	Earth terminal, 95 mm ² , Screw connection, TS 35