

#### General ordering data

Order No.	1338300000
Part designation	EK 70/35/M.2ZB O.IK
Version	Earth terminal, 70 mm <sup>2</sup> , Screw connection, green/ yellow, TS 35
EAN	4008190030483
Qty.	10 pc(s).

#### Product notes

Note, technical data	When connecting with stranded conductors $\geq 50$ mm <sup>2</sup> and 12 Nm tightening torque. Test current 8.4 kA to IK carried out via copper terminal rail
Note, accessories	Use the steel TS 35x15/2.3 for 35 - 50 mm <sup>2</sup> conductors. Use the TS 35x15/2.3 CU for 70 mm <sup>2</sup> conductors.

#### 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
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
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	---
Version	PE terminal

#### 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)	10 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	10 mm <sup>2</sup>
Clamping range, max.	70 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	25 mm
Clamping screw	M 8
Tightening torque range	6.0...12 Nm
Gauge to IEC 60947-1	B10
Solid, min.	10 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Stranded, min.	10 mm <sup>2</sup>
Stranded, max.	70 mm <sup>2</sup>
Flexible, min.	10 mm <sup>2</sup>
Flexible, max.	70 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	10 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	70 mm <sup>2</sup>
AWG conductor size, min.	AWG 1
AWG conductor size, max.	AWG 2/0
AWG conductor size, min.	35 mm <sup>2</sup>
AWG conductor size, max.	67.44 mm <sup>2</sup>

#### Dimensions

Width	18 mm
Height of lowest version	59.5 mm
Length	94 mm
TS 35 offset	47 mm

#### PE rating data

Centre screw on PE terminals	M 5
PEN function	Yes
Rated cross-section	70 mm <sup>2</sup>
Standards	IEC 60947-7-2
Tightening torque range for fixing screw	2.0...4.0 Nm

#### Rating data

Rated cross-section	70 mm <sup>2</sup>
Standards	IEC 60947-7-2

#### 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
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
0661460000	EK 35/35	Earth terminal, 35 mm <sup>2</sup> , Screw connection, PA 66, 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