

General ordering data

Order No.	1338300000
Short text for material	EK 70/35/M.2ZB O.IK
EAN	4008190030483
Qty	10

Additional technical data

No. of identical terminals	1
Version	PE terminal
Installation advice	TS 35
UL 94 flammability rating of insulation material	
Colour of insulating material	green/yellow
Operating temperature range	- 50 °C, + 100 °C
No. of levels	1
Product range	SAK Series
End plate required	No
Connection direction	on side

Conductors for clamping (rated connection)

Stripping length	25 mm
Flexible, min.	10 mm ²
2nd type of connection	screwed
Solid, min.	10 mm ²
Clamping screw	M 8
Gauge to IEC 60947-1	B10
AWG conductor size, max.	67,44 mm ²
AWG conductor size, max.	AWG 2/0
Stranded, max.	70 mm ²
Stranded, min.	10 mm ²
AWG conductor size, min. (mm)	35,00 mm ²
AWG conductor size, min.	AWG 1
Connection direction	on side
Type of connection	Screw connection
No. of connections	2
Tightening torque range	6.0...12 Nm
Solid, max.	16 mm ²
Flexible, max.	70 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	70 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	10 mm ²
Clamping range, max.	70 mm ²
Clamping range, min.	10 mm ²

Dimensions

Length	94 mm
Height of lowest version	59,5 mm
Width	18 mm

PE rating data

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

Rating data

Norm	IEC 60947-7-2
Rated cross-section	70 mm ²

information boxes, print catalogue

Note, accessories	For wires with 35 - 50 mm ² use the TS 35x15/2.3 in steel and with 70 mm ² wires use the TS 35/15/2.3 Cu.
Note, technical data	A steel TS 35x15/2.3 must be used when connecting conductors of 35-50 mm ² , and a copper rail for conductors of 70 mm ² .

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
0190160000	EK 16/35
0661460000	EK 35/35
0535300000	EK 95/35/1ZB BK
0535400000	EK 95/35/2ZB BK