



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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General ordering data

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

Product notes

Note, technical data	When connecting with stranded conductors ≥ 50 mm ² 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 ² conductors. Use the TS 35x15/2.3 CU for 70 mm ² 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 ²
Flexible with ferrule, max. (DIN 46228 pt 1)	10 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	10 mm ²
Clamping range, max.	70 mm ²
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 ²
Solid, max.	16 mm ²

Conductors for clamping (rated connection)

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

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 ²
Standards	IEC 60947-7-2
Tightening torque range for fixing screw	2.0...4.0 Nm

Rating data

Rated cross-section	70 mm ²
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 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
0661460000	EK 35/35	Earth terminal, 35 mm ² , Screw connection, PA 66, 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