



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.	0323100000
Part designation	EK 2
Version	Earth terminal, 10 mm ² , Screw connection, PA 66, TS 32
EAN	4008190013585
Qty.	20 pc(s).

Additional technical data

Connection direction	on side
End plate required	No
Explosion-tested version "Ex e"	No
Installation advice	TS 32
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	---
Version	PE terminal

CSA rating data

Min. cross-section (CSA)	AWG 16
Max. cross-section (CSA)	AWG 8

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	10 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	1.5 mm ²
Clamping range, max.	10 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side

Conductors for clamping (rated connection)

No. of connections	2
Stripping length	14 mm
Clamping screw	M 4
Blade size	1.0 x 5.5 mm
Tightening torque range	1.2...1.6 Nm
Torque level with DMS electric screwdriver	4
Gauge to IEC 60947-1	B6
Solid, min.	1.5 mm ²
Solid, max.	10 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	10 mm ²
Flexible, min.	1.5 mm ²
Flexible, max.	10 mm ²
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	10 mm ²
AWG conductor size, min.	AWG 16
AWG conductor size, max.	AWG 8
AWG conductor size, min.	1.31 mm ²
AWG conductor size, max.	8.37 mm ²

Dimensions

Width	10.2 mm
Height of lowest version	38 mm
Length	52 mm
Weight	32.55 g
TS 32 offset	26 mm

Disconnect terminals

Torque level with DMS electric screwdriver	4
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PE rating data

Centre screw on PE terminals	M 5
PEN function	No
Rated cross-section	10 mm ²
Rated short-time current	1200 A (10 mm ²)
Standards	IEC 60947-7-2
Tightening torque range for fixing screw	2.0...4.0 Nm
Torque level with DMS electric screwdriver	4

Rating data

Rated cross-section	10 mm ²
Standards	IEC 60947-7-2

UL rating data

Min. cross-section (UL)	AWG 16
Max. cross-section (UL)	AWG 8

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
0354660000	EK 10	Earth terminal, 10 mm ² , Screw connection, PA 66, green/yellow, TS 32
0374660000	EK 16	Earth terminal, 16 mm ² , Screw connection, PA 66, green/yellow, TS 32
0474360000	EK 2.5N	Earth terminal, 2.5 mm ² , Screw connection, Polyamide, green/yellow, TS 32
0354760000	EK 35	Earth terminal, 35 mm ² , Screw connection, PA 66, green/yellow, TS 32
0354560000	EK 4	Earth terminal, 4 mm ² , Screw connection, PA 66, green/yellow, TS 32
0144400000	SAKE 35	Earth terminal, 35 mm ² , Screw connection, TS 32
0213200000	SAKE 70/32	Earth terminal, 70 mm ² , Screw connection, TS 32