



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





General ordering data

| | |
|------------------|--|
| Order No. | 0661260000 |
| Part designation | EK 6/35 |
| Version | Earth terminal, 6 mm ² , Screw connection, PA 66, green/yellow, TS 35 |
| EAN | 4008190096588 |
| Qty. | 100 pc(s). |

Product notes

| | |
|----------------------|--|
| Note, technical data | For AWG 8-7 and AWG 8-19, tightening torque is 1.21.4 Nm |
|----------------------|--|

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 20 |
| Max. cross-section (CSA) | AWG 8 |

Conductors for clamping (additional connection)

| | |
|--|---------------------|
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 6 mm ² |

Conductors for clamping (rated connection)

| | |
|---|----------------------|
| Clamping range, min. | 0.5 mm ² |
| Clamping range, max. | 10 mm ² |
| Type of connection | Screw connection |
| 2nd type of connection | screwed |
| Connection direction | on side |
| No. of connections | 2 |
| Stripping length | 12 mm |
| Clamping screw | M 3.5 |
| Blade size | 4.0 x 0.8 mm |
| Tightening torque range | 0.8...1.6 Nm |
| Gauge to IEC 60947-1 | A5 |
| Solid, min. | 0.5 mm ² |
| Solid, max. | 10 mm ² |
| Stranded, min. | 1.5 mm ² |
| Stranded, max. | 6 mm ² |
| Flexible, min. | 0.5 mm ² |
| Flexible, max. | 10 mm ² |
| Flexible with ferrule, min. (DIN 46228/1) | 0.5 mm ² |
| Flexible with ferrule, max. (DIN 46228/1) | 6 mm ² |
| AWG conductor size, min. | AWG 20 |
| AWG conductor size, max. | AWG 8 |
| AWG conductor size, min. | 0.52 mm ² |
| AWG conductor size, max. | 8.37 mm ² |

Dimensions

| | |
|--------------------------|---------|
| Width | 8 mm |
| Height of lowest version | 44 mm |
| Length | 56.5 mm |
| TS 35 offset | 28.5 mm |

PE rating data

| | |
|--|----------------------------|
| Centre screw on PE terminals | M 3 |
| PEN function | No |
| Pollution severity | 3 |
| Rated cross-section | 6 mm ² |
| Rated impulse withstand voltage to adjacent terminal | 8 kV |
| Rated short-time current | 720 A (6 mm ²) |
| Rated voltage for adjacent terminal | 800 V |
| Standards | IEC 60947-7-2 |
| Tightening torque range for fixing screw | 0.5...1.0 Nm |

Rating data

| | |
|---------------------|-------------------|
| Rated cross-section | 6 mm ² |
| Standards | IEC 60947-7-2 |
| Pollution severity | 3 |

UL rating data

| | |
|-------------------------|--------|
| Min. cross-section (UL) | AWG 22 |
| Max. cross-section (UL) | AWG 8 |

Approvals

Approvals institutes



Downloads

STEP 0661260000_07482_EK_6-35_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 |
| 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 |
| 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 |