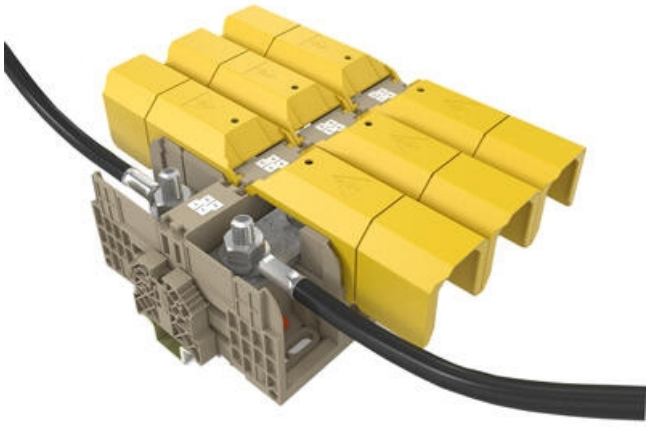
**OEM Automatic Ltd**
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

# HIGH-POWER STUD TERMINALS - HSKG 35-300MM²

HSKG

17170.2
HSKG 35/M6/B/B, 35mm² Dual M6 stud terminal



- Dual stud connection
- Direct & TS35 mount
- IP20 with Gull Wing Covers fitted
- Material polyamide 6.6
- Fire-resistance class V0

## PRODUCT DESCRIPTION

The newest generation of stud terminals from CONTA-CLIP offers secure connections for all high power conductors.

The HSKG stud terminals are available with stud sizes of with M6, M8, M10, M12 and rated current is from 125 A to 520A at a rated voltage of 1000 V. For higher currents the termnials can be easily and safely cross connected by snapping out a section of the built in partition plate.

The wire connection range is from 2.5 mm² to 300 mm². and crimped lugs are used to fit the cables to the busbar using the hexagonal nut with built in washer.

When used together with the ADH hinged covers, the HSKG stud terminals provide outstanding finger and touch protection. The ADH cover is easy to mount; it simply snaps into the side walls of the stud terminals as it is closed.
In this quick and reliable way, touch-safe protection of the terminal points is always guaranteed.

Added features include -

- Measuring Point located on the ADH covers to allow probes to be inserted without exposing the conductor.
- Direct or DIN Rail Mount
- Interlocking housings for improved stability
- Cross connectable

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Rated wire cross section** | 35 mm² |
| **Colour** | Beige |
| **Rated voltage IEC** | 1000 V |
| **Rated current IEC** | 125 A |
| **Mounting** | TS 35 |
| **Rated impulse voltage** | 8 kV |
| **Overvoltage category** | III |
| **Contamination degree** | 3 |
| **Approvals** | UL, CSA, CSA US, cUL, KEMA KUR |

## DIMENSIONS

| | |
|---|---|
| **Length** | 107 mm |
| **Width** | 27 mm |
| **Height TS 35/7.5** | 51 mm |

| | |
|---|---|
| **Height with TW/ADH** | 60 mm |
| **Length with TW/ADH** | 131 mm |
| **Contact clamping area** | ≤ 50 mm² |

## CONNECTION DATA

| | |
|---|---|
| **Connections** | 2 |
| **Number of levels** | 1 |
| **Stud size** | M 6 |
| **Rated wire cross section from (AWG)** | 14 |
| **Rated wire cross section to (AWG)** | 1/0 |
| **Torque min** | 3 |
| **Torque max** | 6 |
| **DIN 46234 / 1 cable lug per side, min.** | 2.5 mm² |
| **DIN 46234 / 1 cable lug per side, max.** | 50 mm² |
| **DIN 46235: 1 cable lug per side, min.** | 6 mm² |
| **DIN 46235: 1 cable lug per side, max.** | 25 mm² |

## MATERIALS

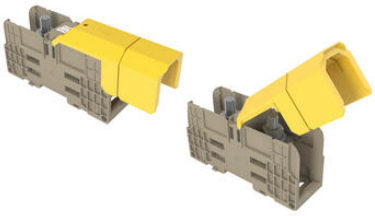
| | |
|---|---|
| **Insulation material** | Polyamide 6.6 |
| **Flammability class** | UL94-V0 |
| **Operating temperature from** | -40 °C |
| **Operating temperature to** | 120 °C |

## APPROVALS

| | |
|---|---|
| **Rated voltage UL** | 1000 V |
| **UL test standard** | UL 1059 |
| **Rated voltage CSA** | 1000 V |
| **Rated current CSA** | 130 A |
| **CSA test standard** | C22.2 No 158 |
| **Rated voltage CSAus** | 1000 V |
| **Rated current CSAus** | 130 A |
| **CSAus test standard** | UL 1059 |
| **Rated voltage cUL** | 1000 V |
| **Rated current cUL** | 130 A |
| **cUL test standard** | C22.2 No 158 |
| **KEMA KEUR test standard** | EN 60947-7-1:2028 |

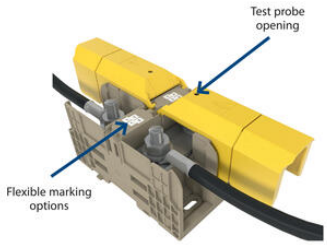
## ADDITIONAL DATA

| | |
|---|---|
| **Tariff code** | 85369010 |
| **Country of origin** | DE |
| **Weight** | 88.6 g |
| **Pack size** | 10 |

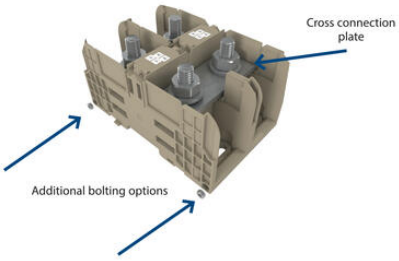


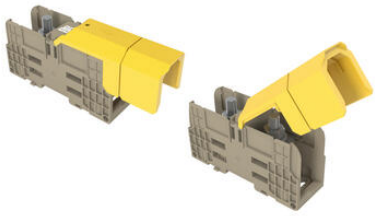
Using the ADH covers

Individual ADH… covers are available for each width of stud terminal. They are designed for the different sizes and the corresponding clearance and creepage distances. It is also possible to shorten the covers along pre-creased breakage points. The ADH cover is attached by pressing the cover down onto the base terminal so that the cover snaps onto the terminal.



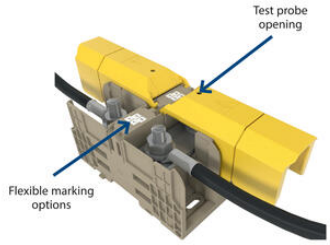

TS mount / direct mount



Using the ADH covers

Individual ADH… covers are available for each width of stud terminal. They are designed for the different sizes and the corresponding clearance and creepage distances. It is also possible to shorten the covers along pre-creased breakage points. The ADH cover is attached by pressing the cover down onto the base terminal so that the cover snaps onto the terminal.




TS mount / direct mount