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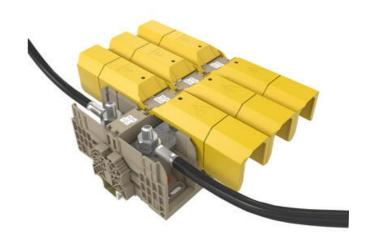


HIGH-POWER STUD TERMINALS - HSKG 35-300MM²

HSKG

17023.2 HSKG 120/M10/B/B, 120mm² Dual M10 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

DIMENSIONS

Length	133 mm
Width	42 mm
Height TS 35/7.5	72 mm

Connections 2 Number of levels 1 Stud size M 10 Rated wire cross section from (AWG) 10 Rated wire cross section to (AWG) 250 Kcmil Torque min 10 Torque max 20 DIN 46234 / 1 cable lug per side, min. 6 mm² DIN 46234 / 2 cable lugs per side, min. 6 mm² DIN 46234 / 2 cable lugs per side, max. 120 mm² DIN 46235: 1 cable lug per side, min. 16 mm² DIN 46235: 2 cable lugs per side, min. 16 mm² DIN 46235: 2 cable lugs per side, min. 16 mm² DIN 46235: 2 cable lugs per side, min. 10 mm² MATERIALS MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V0 Operating temperature from -40 °C Operating temperature to 120 °C		
CONNECTION DATA Connections 2 Number of levels 1 Stud size M 10 Rated wire cross section from (AWG) 10 Rated wire cross section to (AWG) 250 Kcmil Torque min 10 Torque max 20 DIN 46234 / 1 cable lug per side, min. DIN 46234 / 2 cable lugs per side, max. DIN 46234 / 2 cable lugs per side, min. DIN 46234 / 2 cable lugs per side, max. DIN 46235 : 1 able lug per side, max. DIN 46235 : 1 able lug per side, max. DIN 46235 : 2 able lugs per side, max. DIN 46235 : 2 able lugs per side, max. DIN 46235 : 2 able lugs per side, max. DIN 46236 : 2 able lugs per side, max. DIN 46236 : 2 able lugs per side, max. DIN 46236 : 2 able lugs per side, max. DIN 46236 : 2 able lugs per side, max. DIN 46236 : 2 able lugs per side, min. DIN 46236 : 1 able lug per side, min. DIN 46236 : 1 able lug per side, min. DIN 46236 : 1 able lug per side, min. DIN 46236 : 1 able lug per side, min. DIN 46236 : 1 able lug per side, min. DIN 46236 : 1 able lug per side, min. DIN 46236 : 1 able lug per side, min. DIN 46236 : 1 able lug per side, min. DIN 46236 : 1 able lug per side, min. DIN 46236 : 1 able lug per side, min. DIN 46236 : 1 able lug per side, min. DIN 46236 : 1 able lug per side, min. DIN 4623	Height with TW/ADH	80 mm
Connections 2 Number of levels 1 Stud size M 10 Rated wire cross section from (AWG) 10 Rated wire cross section from (AWG) 250 Kcmil Torque min 10 Torque max 20 DIN 46234 / 1 cable lug per side, min. 6 mm² DIN 46234 / 2 cable lugs per side, min. 15 mm² DIN 46234 / 2 cable lugs per side, min. 16 mm² DIN 46234 / 2 cable lugs per side, min. 16 mm² DIN 46235 : 1 cable lug per side, min. 16 mm² DIN 46235 : 2 cable lugs per side, min. 16 mm² DIN 46235 : 2 cable lugs per side, min. 16 mm² DIN 46235 : 2 cable lugs per side, min. 16 mm² DIN 46235 : 2 cable lugs per side, min. 170 mm² DIN 46236 : 2 cable lugs	Length with TW/ADH	226 mm
Connections 2 Number of levels 1 Stud size M 10 Rated wire cross section from (AWG) 10 Rated wire cross section to (AWG) 250 Kcmill Torque min 10 Torque max 20 DIN 46234 / 1 cable lug per side, min. 6 mm² DIN 46234 / 2 cable lugs per side, max. 15 mm² DIN 46234 / 2 cable lugs per side, max. 120 mm² DIN 46235: 1 cable lug per side, min. 16 mm² DIN 46235: 2 cable lugs per side, max. 150 mm² DIN 46235: 2 cable lugs per side, max. 150 mm² DIN 46235: 2 cable lugs per side, max. 120 mm² MATERIALS Insulation material Polyamide 6.6 Flammability class Upstudio material Polyamide 6.6 Flammability class Upstudio material Operating temperature from 40 °C Operating temperature from 40 °C APPROVALS Rated voltage UL 1000 V UL test standard UL 1059 Rated voltage CUL	Contact clamping area	≤ 120 mm²
Number of levels 1 Stud size M 10 Rated wire cross section from (AWG) 10 Rated wire cross section to (AWG) 250 Kcmil Torque min 10 Torque max 20 DIN 46234 /1 cable lug per side, min. 6 mm² DIN 46234 /2 cable lugs per side, max. 15 mm² DIN 46234 /2 cable lugs per side, max. 120 mm² DIN 46235: 1 cable lug per side, max. 150 mm² DIN 46235: 2 cable lugs per side, min. 16 mm² DIN 46235: 2 cable lugs per side, min. 16 mm² DIN 46235: 2 cable lugs per side, max. 120 mm² WATERIALS 120 mm² WATERIALS 120 mm² WATERIALS 190 yamide 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 unreal cult 310 A UL test standard IEC 60947-7-1:2009	CONNECTION DATA	
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DIN 46235: 1 cable lug per side, max. DIN 46235: 2 cable lugs per side, min. DIN 46235: 2 cable lugs per side, max. Polyamide 6.6 Flammability class UL94-V0 Operating temperature from 40°C Operating temperature to 120°C APPROVALS Rated voltage UL UL 1059 Rated voltage cUL Rated voltage cUL 310 A CUL test standard CU2. 2 No 158 GL test standard EC 60947-7-1:2009	DIN 46234 / 2 cable lugs per side, max.	120 mm²
DIN 46235: 2 cable lugs per side, min. DIN 46235: 2 cable lugs per side, max. MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V0 Operating temperature from -40 °C Operating temperature to 120 °C APPROVALS Rated voltage UL UL test standard UL 1059 Rated current cUL cul test standard C22.2 No 158 Gl test standard IEC 60947-7-1:2009	DIN 46235: 1 cable lug per side, min.	16 mm²
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MATERIALS Insulation material Polyamide 6.6 Flammability class UL94-V0 Operating temperature from -40 °C Operating temperature to 120 °C APPROVALS Rated voltage UL UL 1059 Rated voltage cUL 1000 V Rated current cUL 310 A CUL test standard C22.2 No 158 GL test standard IEC 60947-7-1:2009	DIN 46235: 2 cable lugs per side, min.	16 mm²
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cUL test standard C22.2 No 158 GL test standard IEC 60947-7-1:2009	Rated voltage cUL	1000 V
GL test standard IEC 60947-7-1:2009	Rated current cUL	310 A
	cUL test standard	C22.2 No 158
EAC test standard TR ZU 004/2011	GL test standard	IEC 60947-7-1:2009
	EAC test standard	TR ZU 004/2011

EN 60947-7-1:2009

KEMA KEUR test standard

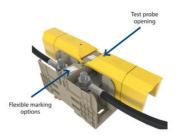
ADDITIONAL DATA

Tariff code	85369010
Country of origin	DE
Weight	245.7 g
Pack size	5
Bureau Veritas test standard	IEC 60947-7-1



Using the ADH covers

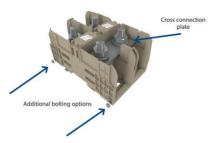
Individual ADH... covers are available for each width of stud terminal. They are designed for the different sizes and the corresponding clearance and creepage distances. It is also possible to shorten the covers along precreased breakage points. The ADH cover is attached by pressing the cover down onto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





TS mount / direct mount

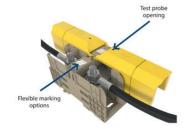






Using the ADH covers

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TS mount / direct mount

