

HIGH-POWER STUD TERMINALS - HSK

16-120MM²

HSK

17002.2

HSK 50/M8 B, 50mm² Single M8 stud terminal

- Compact Single and Dual studs
- Up to 4 cable connections per stud
- 1000V rated
- Material polyamide 6.6
- Fire-resistance class V0



PRODUCT DESCRIPTION

The HSK range of stud terminals offers secure connections for all high power cables in a compact housing. Depending on the conductor cross-section, stud terminals can be used with threaded studs from M5 to M12.

This range can accept cable sizes from 0.2 mm² to 120 mm² with rated current ranges from 76 A to 269 A at 1000 V.

Designed for mounting onto TS 35 DIN rails, the stud terminals have a range of accessories such as TW partition plates, AD yellow covers and cross connection plates to suit most applications.

These products are easy to use and no cutting tools are required when assembling on the rail.

SPECIFICATIONS

Approvals	UL, CSA, CSA US, cUL, KEMA KUR, EAC
Color	Beige
Connections	1
Contact clamping area	≤ 50 mm ²
Contamination degree	3
Country of origin	DE
Cross connect channels	1
Cross-Section	50 mm ²
CSA test standard	C22.2 No 158
CSAus test standard	UL 1059
cUL test standard	C22.2 No 158
DIN 46234 / 1 cable lug per side, max.	50 mm ²
DIN 46234 / 1 cable lug per side, min.	2.5 mm ²

DIN 46234 / 2 cable lugs per side, max.	50 mm ²
DIN 46234 / 2 cable lugs per side, min.	2.5 mm ²
DIN 46235: 1 cable lug per side, max.	35 mm ²
DIN 46235: 1 cable lug per side, min.	6 mm ²
DIN 46235: 2 cable lugs per side, max.	35 mm ²
DIN 46235: 2 cable lugs per side, min.	6 mm ²
EAC test standard	TR ZU 004/2011
Flamklass	UL94-V0
Height TS 35/7.5	63.5 mm
Height with TW/ADH	66 mm
Insulation Material	Polyamide 6.6
KEMA KEUR test standard	EN 60947-7-1:2009
Length	67 mm
Length with TW/ADH	67 mm
Mounting	TS 35/7,5
Number of levels	1
Operating temperature from	-40 °C
Operating temperature to	120 °C
Overvoltage category	III
Pack Size	10
Rated Current CSA	125 A
Rated current CSAus	125 A
Rated Current IEC	150 A
Rated impulse voltage	8 kV
Rated wire cross section from (AWG)	14
Rated wire cross section to (AWG)	1/0
Rated voltage CSAus	1000 V
Rated Voltage IEC	1000 V
Stud size	M 8
Tariff code	85369010
Torque max	12
Torque Min	6
UL test standard	UL 1059
Weight	50.64 g

Width	21 mm
Voltage CSA	1000 V

