

## HIGH-POWER STUD TERMINALS - HSK

### 16-120MM<sup>2</sup>

HSK

17000.2

HSK 16/M5 B, 16mm<sup>2</sup> Single M5 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 mm<sup>2</sup> to 120 mm<sup>2</sup> 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.

## TECHNICAL DATA

### GENERAL DATA

Rated wire cross section	16 mm <sup>2</sup>
Colour	Beige
Rated voltage IEC	1000 V
Rated current IEC	76 A
Mounting	TS 35
Rated impulse voltage	8 kV
Overvoltage category	III
Contamination degree	3
Approvals	UL, CSA, CSA US, cUL, KEMA KUR, EAC

### DIMENSIONS

Length	67 mm
Width	13 mm

Height TS 35/7.5	55,5 mm
Height with TW/ADH	58 mm
Length with TW/ADH	67 mm
Contact clamping area	≤ 16 mm <sup>2</sup>

## CONNECTION DATA

Connections	1
Number of levels	1
Stud size	M 5
Cross connect channels	1
Rated wire cross section from (AWG)	10
Rated wire cross section to (AWG)	1/0
Torque min	2 Nm
Torque max	4 Nm
DIN 46234 / 1 cable lug per side, min.	0,1 mm <sup>2</sup>
DIN 46234 / 1 cable lug per side, max.	16 mm <sup>2</sup>
DIN 46234 / 2 cable lugs per side, min.	0,1 mm <sup>2</sup>
DIN 46234 / 2 cable lugs per side, max.	16 mm <sup>2</sup>
DIN 46235: 1 cable lug per side, min.	6 mm <sup>2</sup>
DIN 46235: 1 cable lug per side, max.	10 mm <sup>2</sup>
DIN 46235: 2 cable lugs per side, min.	6 mm <sup>2</sup>
DIN 46235: 2 cable lugs per side, max.	10 mm <sup>2</sup>

## MATERIALS

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

## APPROVALS

UL test standard	UL 1059
Rated voltage CSA	1000 V
Rated current CSA	60 A
CSA test standard	C22.2 No 158
Rated voltage CSAus	1000 V
Rated current CSAus	60 A

<b>CSAus test standard</b>	UL 1059
<b>cUL test standard</b>	C22.2 No 158
<b>EAC test standard</b>	TR ZU 004/2011
<b>KEMA KEUR test standard</b>	EN 60947-7-1:2009

**ADDITIONAL DATA**

<b>Tariff code</b>	85369010
<b>Country of origin</b>	DE
<b>Weight</b>	22,12 g
<b>Pack size</b>	10

