

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

### DIMENSIONS

Contact clamping area	≤ 16 mm <sup>2</sup>
Length with TW/ADH	67 mm

Height with TW/ADH	58 mm
Height TS 35/7.5	55,5 mm
Length	67 mm
Width	13 mm

## CONNECTION DATA

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

## MATERIALS

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

## APPROVALS

UL test standard	UL 1059
Rated current CSAus	60 A
Rated voltage CSAus	1000 V
CSA test standard	C22.2 No 158
KEMA KEUR test standard	EN 60947-7-1:2009
CSAus test standard	UL 1059

<b>Rated current CSA</b>	60 A
<b>Rated voltage CSA</b>	1000 V
<b>cUL test standard</b>	C22.2 No 158
<b>EAC test standard</b>	TR ZU 004/2011

#### **ADDITIONAL DATA**

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

