

## 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.

### SPECIFICATIONS

<b>Approvals</b>	UL, CSA, CSA US, cUL, KEMA KUR, EAC
<b>Color</b>	Beige
<b>Connections</b>	1
<b>Contact clamping area</b>	≤ 16 mm <sup>2</sup>
<b>Contamination degree</b>	3
<b>Country of origin</b>	DE
<b>Cross connect channels</b>	1
<b>Cross-Section</b>	16 mm <sup>2</sup>
<b>CSA test standard</b>	C22.2 No 158
<b>CSAus test standard</b>	UL 1059
<b>cUL test standard</b>	C22.2 No 158
<b>DIN 46234 / 1 cable lug per side, max.</b>	16 mm <sup>2</sup>
<b>DIN 46234 / 1 cable lug per side, min.</b>	0,1 mm <sup>2</sup>

<b>DIN 46234 / 2 cable lugs per side, max.</b>	16 mm <sup>2</sup>
<b>DIN 46234 / 2 cable lugs per side, min.</b>	0,1 mm <sup>2</sup>
<b>DIN 46235: 1 cable lug per side, max.</b>	10 mm <sup>2</sup>
<b>DIN 46235: 1 cable lug per side, min.</b>	6 mm <sup>2</sup>
<b>DIN 46235: 2 cable lugs per side, max.</b>	10 mm <sup>2</sup>
<b>DIN 46235: 2 cable lugs per side, min.</b>	6 mm <sup>2</sup>
<b>EAC test standard</b>	TR ZU 004/2011
<b>Flammability class</b>	UL94-V0
<b>Height TS 35/7.5</b>	55,5 mm
<b>Height with TW/ADH</b>	58 mm
<b>Insulation Material</b>	Polyamide 6.6
<b>KEMA KEUR test standard</b>	EN 60947-7-1:2009
<b>Length</b>	67 mm
<b>Length with TW/ADH</b>	67 mm
<b>Mounting</b>	TS 35/7,5
<b>Number of levels</b>	1
<b>Operating temperature from</b>	-40 °C
<b>Operating temperature to</b>	120 °C
<b>Overvoltage category</b>	III
<b>Pack Size</b>	10
<b>Rated Current CSA</b>	60 A
<b>Rated current CSAus</b>	60 A
<b>Rated Current IEC</b>	76 A
<b>Rated impulse voltage</b>	8 kV
<b>Rated wire cross section from (AWG)</b>	10
<b>Rated wire cross section to (AWG)</b>	1/0
<b>Rated voltage CSAus</b>	1000 V
<b>Rated Voltage IEC</b>	1000 V
<b>Stud size</b>	M 5
<b>Tariff code</b>	85369010
<b>Torque max</b>	4 Nm
<b>Torque Min</b>	2 Nm
<b>UL test standard</b>	UL 1059
<b>Weight</b>	22,12 g

<b>Width</b>	13 mm
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<b>Voltage CSA</b>	1000 V
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