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HIGH-POWER STUD TERMINALS - HSK 16-120MM²

HSK

17004.2
HSK 120/M12 B, 120mm² Single M12 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.

TECHNICAL DATA

GENERAL DATA

Rated wire cross section	120 mm²
Colour	Beige
Rated voltage IEC	1000 V
Rated current IEC	269 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	32 mm
Height TS 35/7.5	73.5 mm

Height with TW/ADH	76 mm
Length with TW/ADH	67 mm
Contact clamping area	≤ 120 mm²

CONNECTION DATA

Connections	1
Number of levels	1
Stud size	M 10
Cross connect channels	1
Rated wire cross section from (AWG)	10
Rated wire cross section to (AWG)	250 Kcmil
Torque min	14
Torque max	31
DIN 46234 / 1 cable lug per side, min.	6 mm²
DIN 46234 / 1 cable lug per side, max.	120 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.	10 mm²
DIN 46235: 1 cable lug per side, max.	95 mm²
DIN 46235: 2 cable lugs per side, min.	10 mm²
DIN 46235: 2 cable lugs per side, max.	95 mm²

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	220 A
CSA test standard	C22.2 No 158
Rated voltage CSAus	1000 V
Rated current CSAus	220 A
CSAus test standard	UL 1059

cUL test standard	C22.2 No 158
EAC test standard	TR ZU 004/2011
KEMA KEUR test standard	EN 60947-7-1:2009

ADDITIONAL DATA

Tariff code	85369010
Country of origin	DE
Weight	114.39 g
Pack size	10

