

## Datasheet

### Stud Terminal

RS Stock number 872-4830



The newest generation of stud terminals offers secure connections for all energy-transmitting applications. Depending on the wire cross-section, the HSKG stud terminals can be used with M6, M8, M10, M12 and M16 threaded studs. The rated current is from 125 A to 520 A with a rated voltage of 1000 V. The wire connection range is from 2.5 mm<sup>2</sup> to 300 mm<sup>2</sup>. Wires with crimped cable lugs are applied to threaded bolts and then connected securely to the busbar by tightening the hex nut. Optimal security is guaranteed by the low voltage drop and by the use of self-extinguishing material with a V0 (UL94) flammability rating. When used together with the ADH hinged covers, the HSKG stud terminals provide outstanding finger and touch protection. The ADH cover is easy to mount; it simply snaps into the side walls of the stud terminals as it is closed. In this quick and reliable way, touch-safe protection of the terminal points is always guaranteed.

### Features

- Foot can be snapped on TS 35 DIN rail
- Direct mount
- Stud connection
- Housing made from polyamide 6.6 UL 94-V0

### Specifications:

Rated cross-section, mm<sup>2</sup> | AWG: 185 | 10-Kcmil 500

Rated impulse voltage, kV | Contamination degree: 8 | 3

Flamm. class acc. to UL 94: V0

#### Connection data

Clamping area, mm<sup>2</sup>: ≤ 185

Stud size: M12