



# Motor Terminal Boards 1070 - 1072

to DIN 46295/3.67 6 poles

## Technical Data

### Rated Connecting Capacity:

See table

### Rated Voltage:

Types 1070, 1071: 500 V

Types 1072: 750 V

### Rated Current: See table

To DIN VDE 0289, Part 4, Table 6, Column 6

## Material

**Socket:** Glazed steatit, KER 220 DIN 40685

### Slit Bolt and Clamping Member:

Nickel plated brass, description see buttress-thread slotted-post terminals page 60.

**Nut and S-Header:** Zinc plated steel

### Links and Cable Lugs:

Tin plated brass



## Description

The steatite mount complies with most stringent requirements in respect of dielectric strength and temperature resistance. The buttress-thread slotted-post terminals are secured to prevent them from twisting, similar to DIN 22 412, with terminal head. They are supplied in 4 different packages as standard. Package A: DIN 46295/3.67. On the terminal boards 1070-1072, the slotted-post terminals are fitted electrically. On size 1074, they are screwed on and then potted. This eliminates the possibility of the slotted bolts coming loose even when subjected to extreme mechanical vibration. The recesses of the two screw holes are designed with a square or hexagon configuration, in which the washers are cemented in to prevent them from twisting, for reliable securing of the motor terminal boards at the motor.

### Installation instructions in accordance with DIN 46295:

The best way to secure the terminal boards is to use cheesehead screws DIN 84 and lock washers DIN 7980. Flexible shims must be used to compensate for irregularities. The terminal heads must be firmly tightened without using force.

## Options

- ▶ -motor terminal boards for use in potentially explosive atmospheres, see page 70.
- ▶ Motor terminal boards 2070 with moulded plastic base, see page 70.
- ▶ In place of the solder cable lugs, crimping cable lugs according to DIN 46 295, part 3, can also be fitted. In this case, the size must be specified, see page 60.

Type	Indication to DIN	Connecting Capacity mm <sup>2</sup> (AWG)	Rated Current A	Max. Terminal Space	Base Plate	Total Height	Screw-fix. Space / Ø	Hole SW	terminal-top
1070	KS 7	2x2,5 (2x13)	26	2,5x4,4 0.10x0.17	54x34 2.13x1.34	35 1.38	20 0.79	5,5 0.22	10 0.39
1071	KS 8	2x4 (2x11)	34	3,1x6,2 0.12x0.24	64x40 2.52x1.57	42 1.65	23 0.91	6,3 0.25	12 0.47
1072	KS 10	2x6 (2x9)	44	4,3x7,6 0.17x0.30	78x48 3.07x1.89	45 1.77	28 1.10	6,6 0.26	14 0.55

## Variations

A	B	C	D
complete with terminal tops, links and cable lugs	only with terminal tops (without links and cable lugs)	with terminal tops and cable lug (without links)	with terminal tops and links (without cable lugs)
<b>Type-Designation</b>	<b>Type-Designation</b>	<b>Type-Designation</b>	<b>Type-Designation</b>
1070-A 1071-A 1072-A	1070-B 1071-B 1072-B	1070-C 1071-C 1072-C	1070-D 1071-D 1072-D