

Rail Mounted Terminal Blocks » Polyamide Range Of Terminals

Select Terminal Series :

▶ Stud Type Terminal



While standard Screw Clamp or Spring Clamp terminal blocks are designed for direct connection of conductors, (solid, stranded, flexible), simply after stripping the insulation, there are other wiring practices and applications where conductors have to be provided with ring type or fork types lugs, for more secured connections. *elmex* has developed a whole range of Stud type terminal blocks with connection possibility from 0.5 sq mm to 35 sq mm, which accept ring/fork type lugged cables. These are available in both Polyamide 6.6 and in Melamine Housings.

For Stud Type terminals KAT, studs have special long nuts, with a slot at the top, so that the nuts can be operated using screwdrivers. This facility of using screw-driver is very useful where space-constraints may not allow use of standard spanner for tightening. These nuts also serve as test sockets, in which pins of test wires can be plugged. For stud Type terminals KBT, standard nuts are provided on the studs (nut driver operated) for securing the lugged conductors. These Stud Type terminals are used with protective transparent covers, which enclose the live parts, as protection against accidental contact. Such covers can be provided from a stack of stud terminals. All the metal parts used are of brass (copper alloy) which make them suitable for use in applications like switch boards, switch yards, marshalling racks etc., generally exposed to environmental extremities.

KAT M3



IEC : 800 V 24 A 2.5 sq mm 0.5 Nm

UL : 600 V 25 A 22 AWG - 12 AWG 7 Lbln

Height : 41.4 mm (1.61 Inch)

Width : 50 mm (1.95 Inch)

Pitch : 8.5 mm (0.33 Inch)

KAT M4



IEC : 1000 V 57 A 10 sq mm 1.2 Nm

UL : 600 V 50 A 14 AWG - 8 AWG 11 Lbln

Height : 41.4 mm (1.61 Inch)

Width : 50 mm (1.95 Inch)

Pitch : 13 mm (0.51 Inch)

KAT M5



IEC : 800 V 76 A 16 sq mm 2 Nm

UL : 600 V 65 A 14 AWG - 6 AWG 18 Lbln

Height : 41.4 mm (1.61 Inch)

Width : 50 mm (1.95 Inch)

Pitch : 13 mm (0.51 Inch)

KBT M4



IEC : 1000 V 57 A 10 sq mm 1.2 Nm

UL : 600 V 50 A 14 AWG - 8 AWG 11 Lbln

Height : 41.4 mm (1.61 Inch)

Width : 50 mm (1.95 Inch)

Pitch : 13 mm (0.51 Inch)

KBT M5-15



IEC : 800 V 76 A 16 sq mm 2 Nm

UL : 600 V 65 A 14 AWG - 6 AWG 18 Lbln

Height : 41.4 mm (1.61 Inch)

Width : 50 mm (1.95 Inch)

Pitch : 15 mm (0.59 Inch)

KBT M6



IEC : 800 V 101 A 25 sq mm 2.5 Nm

UL : 600 V 85 A 14 AWG - 4 AWG 25 Lbln

Height : 41.4 mm (1.61 Inch)

Width : 50 mm (1.95 Inch)

Pitch : 17 mm (0.66 Inch)