Screw terminal block（Assembled）

Product Line-up

■T･TC Assembled Terminal block

These terminal blocks are preassembled with a specified number of poles.
With finely segmented frame sizes and a wide range of standard pole counts available, they allow for economical selection.
All models come with a cover and a seal for legend.（Covers for TC300B, TC450B, and TC600B are sold separately.）

Ratings Dielectric strength voltage	Ratings[Note1]	Terminal screw[Note2]	Poles	Basic type name	Cover/ Seal for legends
250V	2mm² [20A]	M3.5×8⏚ Standard screw	2～30P	T10	Attached
	5.5mm² [40A]	M4×10⏚ Standard screw	2～30P	T20C	
600V	8mm² [50A]	M5×12⏚ Standard screw	2～20P	T30C	
	14mm² [70A]	M5×10⏚ Standard screw sith round washer	2～10P	TC60C	
	38mm² [130A]	M8×14⊕ Hex bolt	2～10P	TC100C	
	100mm² [240A]	M10×20⊕ Hex bolt	2～10P	TC200C	
	150mm² [310A] 80mm²×2 [400A]	M10×25 Stud	1P	TC300B	Cover is sold separately.
	200mm² [400A] 150mm²×2 [500A]	M12×35 Stud	1P	TC450B	Cover is sold separately.
	325mm² [520A] 200mm²×2 [650A]	M16×40 Stud	1P	TC600B	Cover is sold separately.

Note1: Ratings are recommended values with usage in compliance to JIS standards.
Note2: As for the Symbols inTerminal screw colums, ⏚ is plus/minus screw while ⊕ is plus screw.

Common Specifications

Operational Ambience Temperature Range	－25～＋55℃ (Withoug Freezing nor Dew condensation)
Relative Humidity	45～85%RH
Temperature rise	Max. 45℃ of temperature rise at conducting metals
Insulating Resistance	Between each live part and between each live part and the mounting metal plate: Min. 100 MΩ
Commercial Frequency Withstanding Voltage	Product with Ratings 250V：2000V 1 Min. Porduct with Ratings 600V：2500V 1 Min.
ImpulseWithstanding Voltage	Product with Ratings 250V：4000V Porduct with Ratings 600V：6000V
Conformed Standards	JIS C8201-7-1[Note1]、NECA C2811 (JIS C2811)[Note2]

Note 1: As of May 2010, JIS C2811 has been replaced by JIS C8201-7-1.
Note 2: NECA C2811 is a standard conforming to the contents of JIS C2811.

Materials

Name	Materials	Flame retardance grade
Terminal Base	Phenolic Resin (Black)	UL94HB
Terminal screws	Steel (Zinc plated Chromate Treatment)	—
Conducting Plate	Brass (Nickel plating)	—
Seal for legends	Fiber	—
Cover	Polycarbonate	UL94V-2