

Push-in terminal block (Rail-mount • Assembled)

Product Lineup

Product Category	Abstract	Insulation Voltage at the rated current	Rated Current-carrying Current	Max. Applicable wires	Wiring	Base Product Name	Rought Weight per 1 pole
Compact Type	- This type is designed with only the essential functions. - The wire outlet is angled in the cable direction to achieve maximum space saving. - Available in 10 A to 20 A models. - The body color is gray.	600V	10A	1.25mm ² (AWG16)	1-to-1	TW10B	3g
			10A	1.25mm ² (AWG16)	1-to-2	TW15B	4g
			10A	1.25mm ² (AWG16)	2-to-2	TW16B	4g
			20A	2mm ² (AWG14)	1-to-1	* TW20B	5g
			20A	2mm ² (AWG14)	1-to-2	* TW25B	5g
			20A	2mm ² (AWG14)	2-to-2	* TW26B	6g
Common Unit Type	- Simply set the terminal units on the rail, and they will be electrically connected to the adjacent poles. - The inspection pin holes provided on the end plate allow easy continuity checking.	600V	10A	1.25mm ² (AWG16)	2-to-2	TW16BC	4g
			20A	2mm ² (AWG14)	2-to-2	TW26BC	6g
Standard Type	- This type emphasizes ease of use while maintaining a compact design, such as by unifying the wire outlet direction. - Up to two shorting bars can be inserted per pole, making it convenient for common connections. - The body color is gray. - A two-tier type is also available, ideal for saving installation space.	600V	10A	1.25mm ² (AWG16)	1-to-2	TW15D	5g
			10A	1.25mm ² (AWG16)	2-to-2	TW16D	6g
			20A	2mm ² (AWG14)	1-to-2	TW25D	9g
			20A	2mm ² (AWG14)	2-to-2	TW26D	11g
			20A	2mm ² (AWG14)	1-to-1×2	TTW20D	14g
PE Type	- This is a standard type PE terminal block. It is grounded through the rail. - The body color is green and yellow marbled.	600V	—	2mm ² (AWG14)	1-to-2	TW25DE	13g
			—	2mm ² (AWG14)	2-to-2	TW26DE	15g

※ For products with * mark, assembled types are also available.

Common Specifications

Operational Ambience	−25~+55℃
Temperature Range	(without 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
Impluse Withstanding Voltage	600V Products.....6000V
Applied Standards	JIS C8201-7-1, EN/IEC60947-7-1, JIS C8201-7-2, EN/IEC60947-7-2, UL1059

Materials

Name	Materials	Flame retardance grade
Base part	66Polyamide ^{Note}	UL94V-0
End plate	66Polyamide ^{Note}	UL94V-0
Button	PBT (with 30% glass)	UL94V-0
Spring	Stainless Steel	—
Conductive Plate	Zinc-plated Copper	—
Seal for legends	Polypropylene (PP), Fiber, Vinyl chloride (PVC)	—

Note: Standard Color->Gray (Excluding TW16BC, TW26BC, TW25DE, TW26DE)

Ratings Compliant to Overseas Standards

■ Ratings of Terminal Blocks used as c-UL-us or EN/IEC complicant products

TW, TTW series Terminal Blocks are UL compliant and EN/ICE compliant certified by TÜV. Their ratings used as UL- and EN/ICE-compliant products are as shown in the table below:



File No. : E114903



License No. : R50012082



Product Category		Basic Product Name	Rated Voltage (V)	CE(EN/IEC60947-7-1, EN/IEC60947-7-2)			UL(UL1059)			
				Values in [] are when ferrules are used			Values in [] are when ferrules are used			
				Applicable wires		Max. Current	Applicable wires		FW ^{Note}	Max. Current
				Single wire(AWG)	Stranded wire(AWG)	Ratings (A)	Single wire(AWG)	Stranded wire(AWG)		Ratings (A)
Compact Type	1-to-1	TW10B	600	28~18	28~16 [28~20]	10 (Single wire) 16 (Stranded wire) [8]	28~18	28~16 [28~20]	2 [1]	7 (Single wire) 14 (Stranded wire) [9]
	1-to-2	TW15B								
	2-to-2	TW16B								
	1-to-1	TW (M) 20B	600	22~14	22~14 [22~16]	22 [16]	22~14	22~14 [22~16]	2 [1]	16 [14]
	1-to-2	TW (M) 25B								
	2-to-2	TW (M) 26B								
Common Unit Type	2-to-2	TW16BC	600	28~18	28~16 [28~20]	10 (Single wire) 16 (Stranded wire) [8]	28~18	28~16 [28~20]	2 [1]	7 (Single wire) 16 (Stranded wire) [9]
	2-to-2	TW26BC	600	22~14	22~14 [22~16]	22 [16]	22~14	22~14 [22~16]	2 [1]	22 [16]
Standard Type	1-to-2	TW15D	600	28~16	28~16 [28~20]	10 [8]	28~16	28~16 [28~20]	2 [1]	10 [5]
	2-to-2	TW16D								
	1-to-2	TW25D	600	22~14	22~14 [22~16]	22 [16]	22~14	22~14 [22~16]	2 [1]	16 [14]
	2-to-2	TW26D								
	1-to-1×2	TTW20D	600	22~14	22~14 [22~16]	22 [16]	22~14	22~14 [22~16]	2 [1]	15 [10]
PE Type	1-to-2	TW25DE	600	22~14	22~14 [22~16]	—	22~14	22~14 [22~16]	2 [1]	—
	2-to-2	TW26DE	600	22~14	22~14 [22~16]	—	22~14	22~14 [22~16]	2 [1]	—

Note FW1: Wirings at factory, FW2:Wirings at factory and in-field