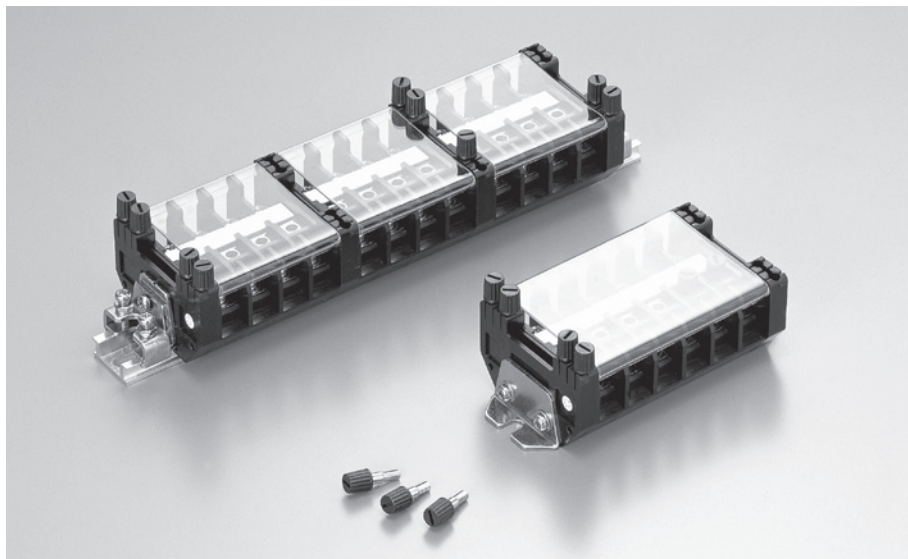




TERMINAL BLOCK WITH SHORT CIRCUIT

TU-ST TYPE



FEATURES

- TU-ST series is a terminal block which can short circuit by insertion of short bolts.
- Short of CT circuit and change the tap position can be done freely.
- The short bolt can be attached to the end plate for preventing loss of bolts.

SPECIFICATIONS

Specification	Type	TU-ST
Rated insulation voltage (Ui)		600V
Rated current-carrying capacity (Ith)		40A
Rated cross-section		14mm ²
Screw size		M5×10 (SUS)
Power-Frequency withstand voltage		2,500V AC / 1 min.
Rated impulse withstand voltage		±8kV / 5 times for each pole (1.2 / 50 μs)
Ambient operating temperature		-25 to 50°C
Storing temperature		-40 to 85°C
Altitude		2,000 m or less

* When using a short circuit, be careful not to exceed 30A in total current drawn from each pole to the short bar.

How to order of terminal blocks

The TU-ST type is sold only as assembly.

TU-ST - ^{*}**6** × **4**

① ② ③

UD - **22**

④ Assembly dimensions

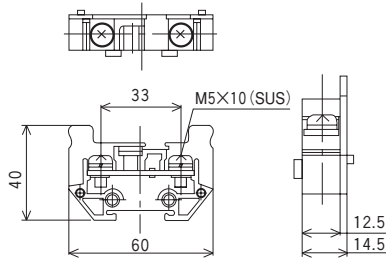
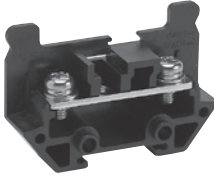
●Short bolts are selling separately.

No.	Item	Code	Detail	Remark
①	Basic type	TU-ST	TU-ST Terminal block with short circuit	—
②	No. of poles	2~9	Number of poles in 1 group	—
③	No. of groups	1~5	Number of groups in unit block	Refer to the table of assembled dimensions. (Page C186)
④	Rail	UD	TUB-D type rail	Punched rail (Recommended maximum length: 600mm)
		UF	TUB-F type rail	U-cut rail (Recommended maximum length: 600mm)
		—	Shaft assembly	(Recommended maximum length of shaft: 380mm)

STANDARD PRODUCTS

TU-ST (40A)

(M5)



●Applicable accessories

End plate	TUE-ST
Standard marker strip	TUM-2
Standard rail	TUB
End clamp	TUL-W
Cover	TUC-15
Short bolt	TU-ST S bolt (Sold separately)

●Applicable crimp terminal

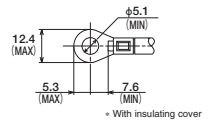
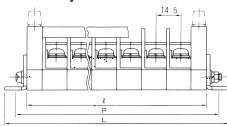


TABLE OF ASSEMBLED DIMENSIONS

●Shaft assembly

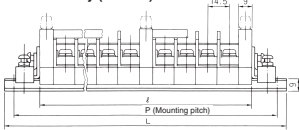


●Shaft assembly

Dimensions	Pole	2	3	4	5	6	7	8	9
ℓ		47	61.5	76	90.5	105	119.5	134	148.5
P		62	76.5	91	105.5	120	134.5	149	163.5
L		73	88	102	117	131	146	160	175

P = L-11

●Rail assembly (DIN rail)



●UF rail assembly

Number of groups	Pole	2	3	4	5	6	7	8	9
1	L=90	105	120	135	150	165	180	195	
2	130	160	190	215	245	275	305	335	
3	170	210	255	300	340	385	430	475	
4	205	265	320	380	440	495	555		
5	245	315	390	460	535				

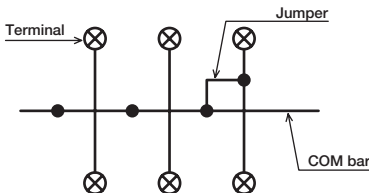
P = L-10

●UD rail assembly

Number of groups	Pole	2	3	4	5	6	7	8	9
1	5 (L=97)	6 (L=117)	7 (L=137)	7 (L=137)	8 (L=157)	9 (L=177)	9 (L=177)	10 (L=197)	
2	7 (L=137)	8 (L=157)	10 (L=197)	11 (L=217)	13 (L=257)	14 (L=277)	16 (L=317)	17 (L=337)	
3	9 (L=177)	11 (L=217)	13 (L=257)	15 (L=297)	18 (L=357)	20 (L=397)	22 (L=437)	24 (L=477)	
4	11 (L=217)	14 (L=277)	17 (L=337)	19 (L=377)	22 (L=437)	25 (L=497)	28 (L=557)		
5	13 (L=257)	16 (L=317)	20 (L=397)	24 (L=477)	27 (L=537)				

P = L-17

CIRCUIT DIAGRAM





TERMINAL BLOCK WITH SHORT CIRCUIT

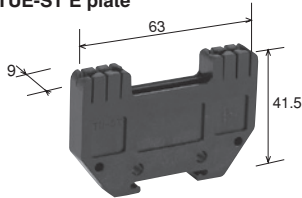
TU-ST TYPE

ACCESSORIES

End plate

(Order unit: 100)

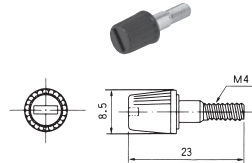
●TUE-ST E plate



Short bolt

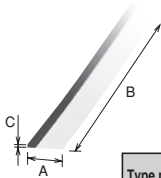
(Order unit: 100)

●TU-ST S bolt



Marker strip

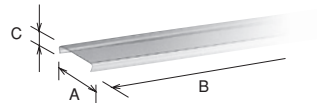
(Order unit: 100)



Type name	TUM-2 (TUM Marker strip 10A ABS)	TUM-2 0.5T (TUM Marker strip 10A ABS 0.5)
A	10	10
B	900	900
C	1.0	0.5

Cover

(Order unit: 20)

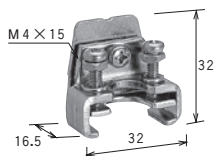


Type name	TUC-15
A	62
B	1,000
C	7.5

End clamp

(Order unit: 50)

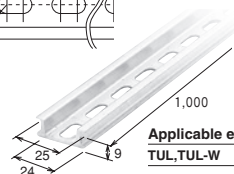
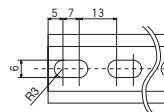
●TUL-W (for TUB)



Aluminum rail

(Order unit: 50)

●TUB



Applicable end clamp
TUL, TUL-W