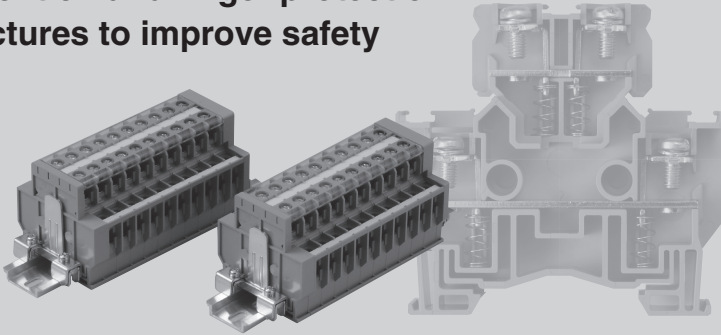




TERMINAL BLOCK WITH WIRE DROPPING-OFF PREVENTION FUNCTION

TQW TYPE

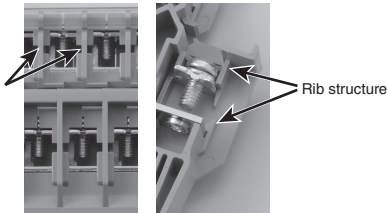
Dual-stage terminal block featuring wire dropping-off prevention and finger protection structures to improve safety



FEATURES

Use of wire dropping-off prevention function

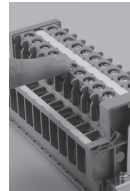
The TQ type adds a wire dropping-off prevention function to the conventional up-screw type terminal block, reducing check work after wiring.



Rib structure to guide wire
Preventing screw tightening at
incomplete position

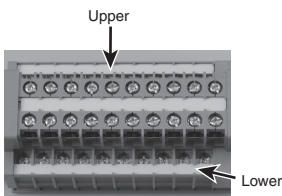
Finger protection structure

Both upper and lower stages provide finger protection structure to prevent the user from accidentally touching live parts, ensuring high safety even if the terminal cover is not mounted. (The terminal covers are provided for the upper and lower stages as standard. Use the terminal covers as required.)



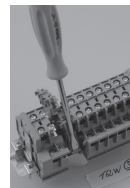
Highly visible marking band position

A marking band is provided for both upper and lower stages as standard. The lower stage has two positions to attach the marking band. The marking band can be attached at a desired position.



Enabling quick rail-mounting and removal

With the ribs outside of the terminal block, each unit can be easily mounted and removed. (To remove the terminal block, loosen the tightening brackets on both sides, and make a space between individual units.)



SPECIFICATIONS (RATINGS, PERFORMANCE, STANDARD OPERATING CONDITION)

Applicable standard : JIS C2811、IEC60947-7-1、UL1059

Specification	Type	TQW-5.5
Rated insulation voltage (Ui)		600V
Rated current-carrying capacity (Ith)		30A
Rated cross-section		5.5mm ²
Screw size		M4x8.5
Applicable crimp terminal		R2-4 R3.5-4 R5-5-4
Rated-Frequency withstand voltage		2,500V AC / 1 min.
Rated impulse withstand voltage		±7.4kV / 5 times for each pole
Vibration resistance		Frequency range : 10 to 55Hz Vibration amplitude : 1.5mm 3 directions for each axle 2 hour
Ambient operating temperature		-25 to 50°C
Storing temperature		-40 to 85°C
Altitude		2,000 m or less

How to order

TQW - 5.5 **R × 10** **XF - 165**
 ① ② ③ ④

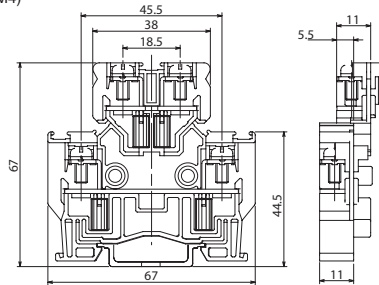
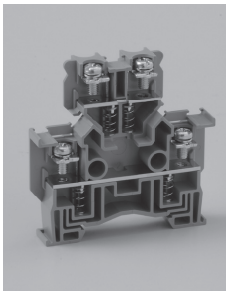
No.	Item	Code	Detail		Remark
①	Basic type	TQW-5.5	Applicable wire size(mm ²)	5.5	
②	Color	(blank)	Gray		Munsell color code : 7.5BG4/1.5
		R	Red		Munsell color code : 7.5R4.5/14
③	No. of poles	1 to max.	No. of assembly poles	1 to 49	Max. pole No. is less than 600mm of rail length. (In case over 600mm, max. pole No. is less than 1,000mm of reinforced rail (TKB-D).)
④	Rail	XF	TXB-F rail type		U-cut rail (Recommended maximum length: 600mm)
		XD	TXB-D rail type		Punched rail (Recommended maximum length: 600mm)
		KD	TKB-D rail type		Reinforced punched rail (Recommended maximum length: 1000mm)

*For purchase of a single unit, specify ① and ② only.

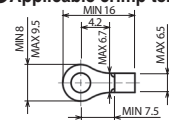
STANDARD PRODUCTS

TQW-5.5

Applicable wire size: 2 to 5.5 mm² (M4)



●Applicable crimp terminal



●Applicable accessories

End plate	TQWE-5.5A/B
Standard marker strip	TUM marker strip 8 0.5T (Upper)
	TUM marker strip 6 0.5T (Lower)
Standard rail	TXB
End clamp	TYL
Cover	TUC-3 (Upper cover)
	TQW-5.5-CV (Lower cover)



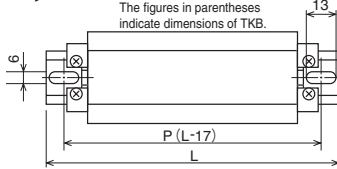
TERMINAL BLOCK WITH WIRE DROPPING-OFF PREVENTION FUNCTION

TQW TYPE

TABLE OF ASSEMBLED DIMENSIONS

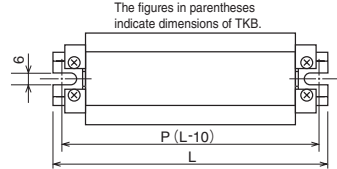
TQW type assembly on punched rail

TXB-D, TKB-D type



TQW type assembly on U-cut rail

TXB-F type



Type	TQW-5.5 (TXB,TKB)				Type	TQW-5.5 (TKB)			
Pole	P	L	Rail		Pole	P	L	Rail	
1	60	77	XD-4	KD-4	50	600	617	KD-31	
2	60	77	XD-4	KD-4	51	600	617	KD-31	
3	80	97	XD-5	KD-5	52	620	637	KD-32	
4	80	97	XD-5	KD-5	53	620	637	KD-32	
5	100	117	XD-6	KD-6	54	640	657	KD-33	
6	100	117	XD-6	KD-6	55	640	657	KD-33	
7	120	137	XD-7	KD-7	56	660	677	KD-34	
8	140	157	XD-8	KD-8	57	680	697	KD-35	
9	140	157	XD-8	KD-8	58	680	697	KD-35	
10	160	177	XD-9	KD-9	59	700	717	KD-36	
11	160	177	XD-9	KD-9	60	700	717	KD-36	
12	180	197	XD-10	KD-10	61	720	737	KD-37	
13	180	197	XD-10	KD-10	62	720	737	KD-37	
14	200	217	XD-11	KD-11	63	740	757	KD-38	
15	200	217	XD-11	KD-11	64	740	757	KD-38	
16	220	237	XD-12	KD-12	65	760	777	KD-39	
17	240	257	XD-13	KD-13	66	760	777	KD-39	
18	240	257	XD-13	KD-13	67	780	797	KD-40	
19	260	277	XD-14	KD-14	68	800	817	KD-41	
20	260	277	XD-14	KD-14	69	800	817	KD-41	
21	280	297	XD-15	KD-15	70	820	837	KD-42	
22	280	297	XD-15	KD-15	71	820	837	KD-42	
23	300	317	XD-16	KD-16	72	840	857	KD-43	
24	300	317	XD-16	KD-16	73	840	857	KD-43	
25	320	337	XD-17	KD-17	74	860	877	KD-44	
26	320	337	XD-17	KD-17	75	860	877	KD-44	
27	340	357	XD-18	KD-18	76	880	897	KD-45	
28	360	377	XD-19	KD-19	77	900	917	KD-46	
29	360	377	XD-19	KD-19	78	900	917	KD-46	
30	380	397	XD-20	KD-20	79	920	937	KD-47	
31	380	397	XD-20	KD-20	80	940	957	KD-48	
32	400	417	XD-21	KD-21	81	940	957	KD-48	
33	400	417	XD-21	KD-21	82	960	977	KD-49	
34	420	437	XD-22	KD-22	83	960	977	KD-49	
35	420	437	XD-22	KD-22	84	980	997	KD-50	
36	440	457	XD-23	KD-23	85	980	997	KD-50	
37	460	477	XD-24	KD-24					
38	460	477	XD-24	KD-24					
39	480	497	XD-25	KD-25					
40	480	497	XD-25	KD-25					
41	500	517	XD-26	KD-26					
42	500	517	XD-26	KD-26					
43	520	537	XD-27	KD-27					
44	520	537	XD-27	KD-27					
45	540	557	XD-28	KD-28					
46	540	557	XD-28	KD-28					
47	560	577	XD-29	KD-29					
48	580	597	XD-30	KD-30					
49	580	597	XD-30	KD-30					

* Rail designation is XD-[pole] for TXB-D type.

* Rail designation is KD-[pole] for TKB-D type.

Type	TQW-5.5 (TXB)			
Pole	P	L	Rail	
1	55	65	XF-65	
2	65	75	XF-75	
3	75	85	XF-85	
4	85	95	XF-95	
5	100	110	XF-110	
6	110	120	XF-120	
7	120	130	XF-130	
8	130	140	XF-140	
9	140	150	XF-150	
10	155	165	XF-165	
11	165	175	XF-175	
12	175	185	XF-185	
13	185	195	XF-195	
14	195	205	XF-205	
15	210	220	XF-220	
16	220	230	XF-230	
17	230	240	XF-240	
18	240	250	XF-250	
19	250	260	XF-260	
20	265	275	XF-275	
21	275	285	XF-285	
22	285	295	XF-295	
23	295	305	XF-305	
24	305	315	XF-315	
25	320	330	XF-330	
26	330	340	XF-340	
27	340	350	XF-350	
28	350	360	XF-360	
29	360	370	XF-370	
30	375	385	XF-385	
31	385	395	XF-395	
32	395	405	XF-405	
33	405	415	XF-415	
34	415	425	XF-425	
35	430	440	XF-440	
36	440	450	XF-450	
37	450	460	XF-460	
38	460	470	XF-470	
39	470	480	XF-480	
40	485	495	XF-495	
41	495	505	XF-505	
42	505	515	XF-515	
43	515	525	XF-525	
44	525	535	XF-535	
45	540	550	XF-550	
46	550	560	XF-560	
47	560	570	XF-570	
48	570	580	XF-580	
49	580	590	XF-590	

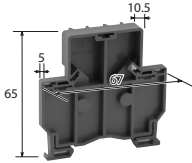
* Rail designation is XF-[pole] for TXB-F type.

ACCESSORIES

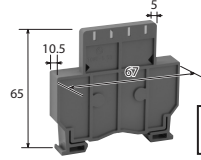
End plate

(Order unit: 100)

●TQWE-5.5 A (Ventral side)

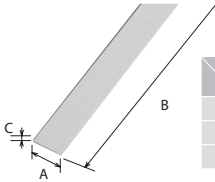


●TQWE-5.5 B (Dorsal side)



* Plates A and B should be used as a set.

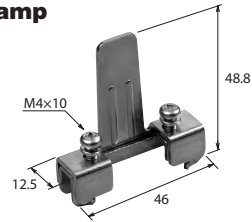
Marker strip



Type	TUM marker strip 8 0.5T (Upper)	TUM marker strip 60.5T (Lower)
A	8	6
B	900	900
C	0.5	0.5

End clamp

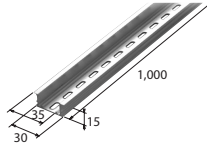
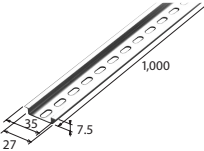
●TYL



Aluminium rail

●TXB (DIN rail) (Order unit: 50)

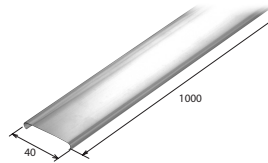
●TKB (reinforced DIN rail) (Order unit: 20)



Cover (Line side)

(Order unit: 20)

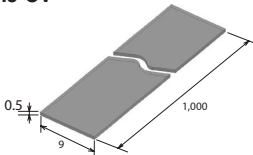
●TUC-3



Cover (Ground side)

(Order unit: 20)

●TQW-5.5-CV



Jumper

(Order unit: 10)

With insulating cover	2 poles	SB11CB-2
	12 poles	SB11CB-12
Dimensions		

* For pole counts other than those listed above, please contact us.

Rail cap

(Order unit: 100)

●Cap for DIN rail TXB CAP-PVC



(Example of usage)

●Cap for DIN rail (High-strength type) TKB CAP-PVC



(Example of usage)

* Only single product sale.