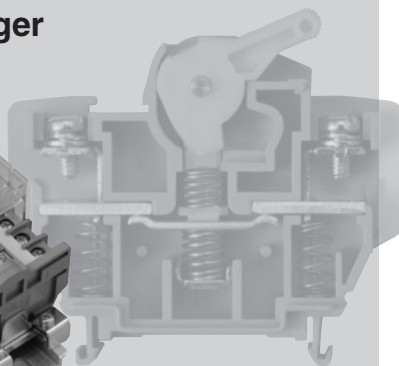
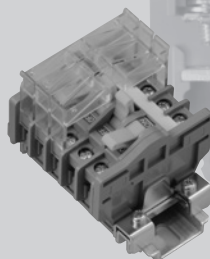
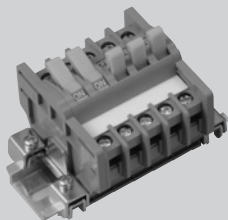




DISCONNECTING TERMINAL BLOCK

AQR TYPE

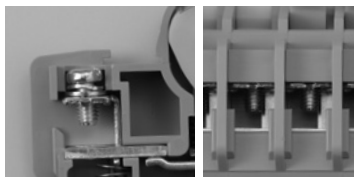
Convenience and safety are improved by added wire dropping-off prevention and finger protection structure to the disconnecting terminal block.



FEATURES

Adoption of wire dropping-off prevention structure

TQ type added wire dropping-off prevention structure to conventional up-screw type terminal block. Confirmation work after wiring can be reduced. Since the body color is gray, it can be easily distinguished from the conventional terminal block.



Finger protection structure

By finger protection structure, it's designed not to touch the charging part even without the terminal cover, and achieves high safety.



Cover adoption prevents malfunction

As an accessory, a cover that can be attached to the top of lever is prepared. It's possible to prevent unexpected lever operation. This cover can be attached both ON state and OFF state.

* AQR-3.5-CV (sold separately)

Smooth ON/OFF switching

By the lever operation, ON/OFF can be switched smoothly. Also, since spring pressured to both ON/OFF directions, it's reliable to keep ON/OFF state.



Left: Live (ON) status

Right: Disconnected (OFF) status

With the spring pressure, ON/OFF status can be securely held.

SPECIFICATIONS (RATINGS, PERFORMANCE, STANDARD OPERATING CONDITION)

Applicable standard : IEC 60947-3(2015)、JIS C 8201-3(2009)

Specification	Type	AQD-3.5	Applicable standard
Rated insulation voltage (Ui)		690V	IEC60947-3 4.3.1
Rated current-carrying capacity (Ith)		32A	IEC60947-3 4.3.1
Applicable wire size		0.75 to 3.5mm ²	JIS C 2811 5.1
Screw size		M4x8	JIS C 2811 7.3.2
Number of conductors simultaneously connectable		2	JIS C 2811 7.3.4
Power-Frequency withstand voltage		2,500V AC / 1 min.	IEC60947-7-1 7.2.2、JIS C 2811 6.3
Rated impulse withstand voltage		±7.4kV / 5 times for each pole (1.2 / 50 μs)	IEC60947-7-1 7.2.2、JIS C 2811 6.4
Short time withstand current		120A / 1 min. per 1 mm ²	IEC60947-7-1 7.2.3、JIS C 2811 6.5
Ambient operating temperature		-25 to 50°C	-
Storing temperature		-40 to 85°C	-
Altitude		2,000 m or less	JIS C 2811 3.(3)
Applicable rail		TXB, TKB type (Both type correspond to DIN)	-

HOW TO ORDER

AQD - 3.5 SUS × 10 XF - 150 MR

①

②

③

④

⑤

(blank) standard
MR* tropical region type
*applicable models only

●Information of tropical region type
Screw Stainless steel
Rail Varnish coated
End clamp Thick plated
Tropical region type nameplate (attached to end plate)
MOISTURE RESISTANCE

No.	Item	Code	Detail	Remark
①	Basic type	AQD-3.5	Applicable wire size(mm ²) 3.5	
②	Screw type	(Blank)	Iron screw	
		SUS	Stainless steel screw	
③	No. of poles	1 to max.	No. of assembly poles 1 to 52	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	TXB-D rail type	Punched rail (Recommended maximum length: 1000mm)
⑤	Tropical region type	(Blank)	Standard	
		MR* ¹	Tropical region type	Special model

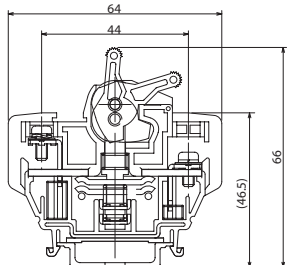
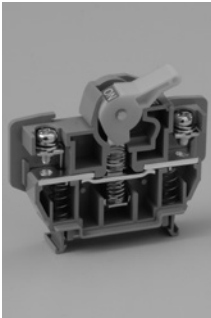
* For purchase of a single unit, specify ① and ② only.

*¹ Additionally indicate "SUS" on clause ② when you order the tropically-adapted products.

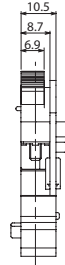
STANDARD PRODUCTS

■ AQD-3.5

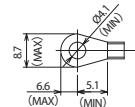
Applicable wire size: 0.75 to 3.5 mm² (M4)



*For TXB rail



●Applicable crimp terminal



●Applicable accessories

End plate	AQDE-3.5A/B
Standard marker strip	TUM-2
Standard rail	TXB
End clamp	TXL
Cover	AQD-3.5-CV (Sold separately)

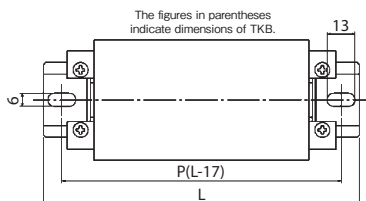


DISCONNECTING TERMINAL BLOCK

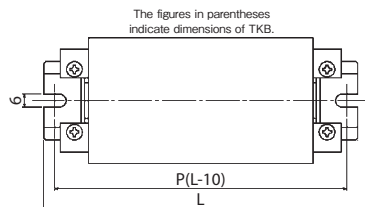
AQR TYPE

TABLE OF ASSEMBLED DIMENSIONS

TXB-D,TKBD type



TXB-F type



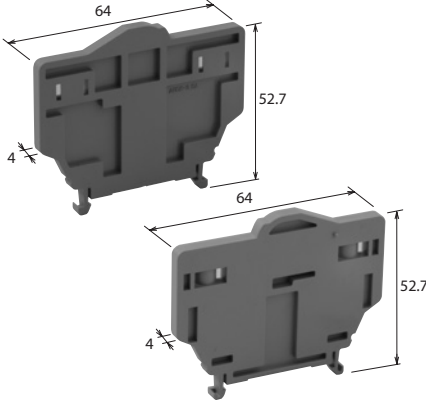
Type	AQR-3.5				Type	AQR-3.5			
	Pole	P	L	Rail		Pole	P	L	Rail
1	40	57	XD-3	KD-3	46	520	537	XD-27	KD-27
2	60	77	XD-4	KD-4	47	520	537	XD-27	KD-27
3	60	77	XD-4	KD-4	48	540	557	XD-28	KD-28
4	80	97	XD-5	KD-5	49	560	577	XD-29	KD-29
5	80	97	XD-5	KD-5	50	560	577	XD-29	KD-29
6	100	117	XD-6	KD-6	51	580	597	XD-30	KD-30
7	100	117	XD-6	KD-6	52	580	597	XD-30	KD-30
8	120	137	XD-7	KD-7	53	600	617		KD-31
9	140	157	XD-8	KD-8	54	600	617		KD-31
10	140	157	XD-8	KD-8	55	620	637		KD-32
11	160	177	XD-9	KD-9	56	620	637		KD-32
12	160	177	XD-9	KD-9	57	640	657		KD-33
13	180	197	XD-10	KD-10	58	640	657		KD-33
14	180	197	XD-10	KD-10	59	660	677		KD-34
15	200	217	XD-11	KD-11	60	660	677		KD-34
16	200	217	XD-11	KD-11	61	680	697		KD-35
17	220	237	XD-12	KD-12	62	680	697		KD-35
18	220	237	XD-12	KD-12	63	700	717		KD-36
19	240	257	XD-13	KD-13	64	700	717		KD-36
20	240	257	XD-13	KD-13	65	720	737		KD-37
21	260	277	XD-14	KD-14	66	720	737		KD-37
22	260	277	XD-14	KD-14	67	740	757		KD-38
23	280	297	XD-15	KD-15	68	740	757		KD-38
24	280	297	XD-15	KD-15	69	760	777		KD-39
25	300	317	XD-16	KD-16	70	780	797		KD-40
26	300	317	XD-16	KD-16	71	780	797		KD-40
27	320	337	XD-17	KD-17	72	800	817		KD-41
28	320	337	XD-17	KD-17	73	800	817		KD-41
29	340	357	XD-18	KD-18	74	820	837		KD-42
30	360	377	XD-19	KD-19	75	820	837		KD-42
31	360	377	XD-19	KD-19	76	840	857		KD-43
32	380	397	XD-20	KD-20	77	840	857		KD-43
33	380	397	XD-20	KD-20	78	860	877		KD-44
34	400	417	XD-21	KD-21	79	860	877		KD-44
35	400	417	XD-21	KD-21	80	880	897		KD-45
36	420	437	XD-22	KD-22	81	880	897		KD-45
37	420	437	XD-22	KD-22	82	900	917		KD-46
38	440	457	XD-23	KD-23	83	900	917		KD-46
39	440	457	XD-23	KD-23	84	920	937		KD-47
40	460	477	XD-24	KD-24	85	920	937		KD-47
41	460	477	XD-24	KD-24	86	940	957		KD-48
42	480	497	XD-25	KD-25	87	940	957		KD-48
43	480	497	XD-25	KD-25	88	960	977		KD-49
44	500	517	XD-26	KD-26	89	980	997		KD-50
45	500	517	XD-26	KD-26	90	980	997		KD-50

Type	AQR-3.5				Type	AQR-3.5			
	Pole	P	L	Rail		Pole	P	L	Rail
1	45	55	XF-55		27	320	330	XF-330	
2	55	65	XF-65		28	330	340	XF-340	
3	65	75	XF-75		29	340	350	XF-350	
4	75	85	XF-85		30	350	360	XF-360	
5	90	100	XF-100		31	360	370	XF-370	
6	100	110	XF-110		32	370	380	XF-380	
7	110	120	XF-120		33	380	390	XF-390	
8	120	130	XF-130		34	390	400	XF-400	
9	130	140	XF-140		35	405	415	XF-415	
10	140	150	XF-150		36	415	425	XF-425	
11	150	160	XF-160		37	425	435	XF-435	
12	160	170	XF-170		38	435	445	XF-445	
13	170	180	XF-180		39	445	455	XF-455	
14	180	190	XF-190		40	455	465	XF-465	
15	195	205	XF-205		41	465	475	XF-475	
16	205	215	XF-215		42	475	485	XF-485	
17	215	225	XF-225		43	485	495	XF-495	
18	225	235	XF-235		44	495	505	XF-505	
19	235	245	XF-245		45	510	520	XF-520	
20	245	255	XF-255		46	520	530	XF-530	
21	255	265	XF-265		47	530	540	XF-540	
22	265	275	XF-275		48	540	550	XF-550	
23	275	285	XF-285		49	550	560	XF-560	
24	285	295	XF-295		50	560	570	XF-570	
25	300	310	XF-310		51	570	580	XF-580	
26	310	320	XF-320		52	580	590	XF-590	

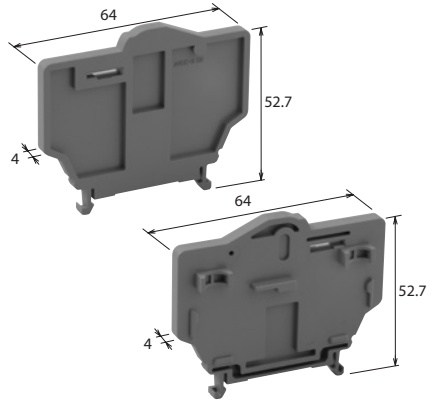
ACCESSORIES

End plate

●AQDE-3.5A (Ventral side)

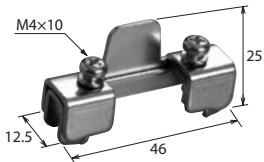


●AQDE-3.5B (Dorsal side)



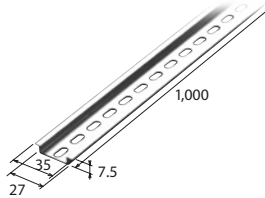
End clamp (Order unit: 50)

●TXL

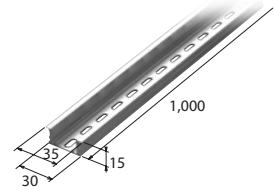


Aluminium rail

●TXB (DIN rail)



●TKB (DIN rail)



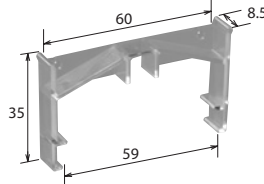
Marker strip (Order unit: 100)

●TUM (TUM marker strip 10 0.5T)



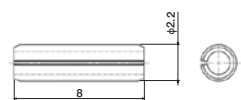
Cover (Order unit: 20)

●AQD-3.5-CV



Lever connecting pin

●AFD LINK PIN 8



* Maximum number of connecting poles : 4

Rail cap

Please see page C29 for rail cap.