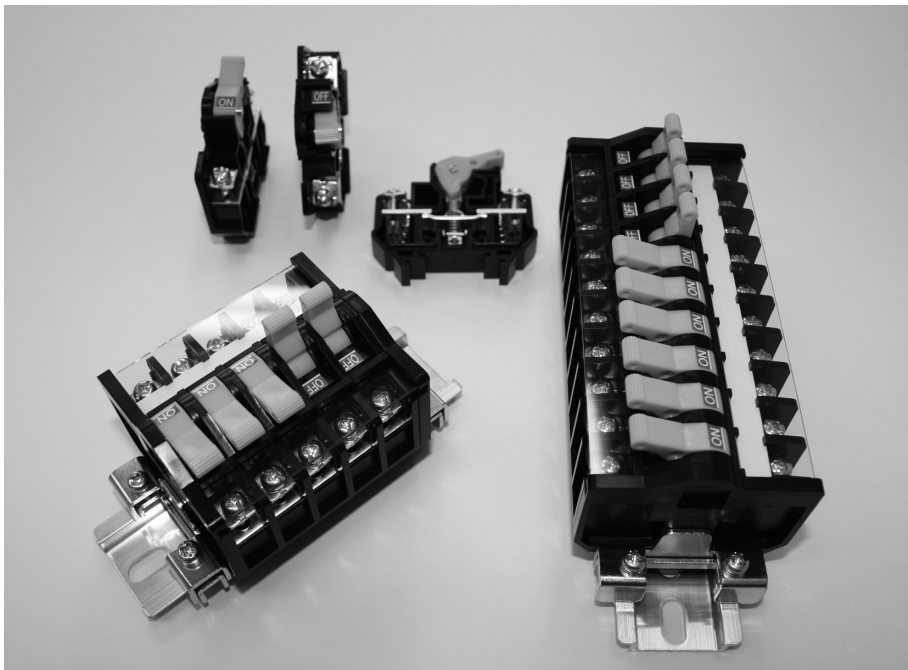




DISCONNECTING TERMINAL BLOCK

AFD TYPE



FEATURES

- By lever operation, it's enable to disconnect the left and right circuits.
- With up-screw terminals, wires up to 5.5 mm² can be connected.
- The terminal block can be mounted on DIN rails.
- Maximum 4 poles can be disconnected at once according to the usage.
- With ON-OFF indication labels that can be group the state at a glance.
- Stainless steel screw specifications are also available.

SPECIFICATIONS (RATINGS, PERFORMANCE)

Type		
Specification	AFD-5.5	AFD-5.5BP
Rated insulation voltage (Ui)	600V	
Rated current-carrying capacity (Ith)	30A	
Rated cross-section	5.5mm ²	
Screw size	M4×8.5	
Number of conductors simultaneously connectable	2	2 (excluding banana plug terminals)
Power-Frequency withstand voltage	2,500V AC / 1 min.	
Rated impulse withstand voltage	±6kV / 3 times for each pole (1.2 / 50 μs)	
Ambient operating temperature	-20 to 60°C	
Storing temperature	-40 to 75°C	
Altitude	2,000 m or less	

A SWITCH

B PILOT LAMP & INDICATOR

C CONNECTING DEVICES

D ELECTRONIC DEVICES



DISCONNECTING TERMINAL BLOCK

AFD TYPE

How to order of terminal blocks

AFD-5.5 SUS × 10 XF-165 MR

① ② ③ ④ ⑤

(blank)	standard
MR *	tropical region type

* applicable models only

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

No.	Item	Code	Detail	Remark
①	Code	AFD-5.5 AFD-5.5BP	5.5: Applicable wire size BP: Banana plug connection	—
②	Screw type	(blank)	Iron screw	When purchasing a single unit, the type is "AFD-□SUS". (excluding the AFD-5.5BP)
		SUS	Stainless steel screw	
③	No. of poles	1 to max.	AFD-5.5 AFD-5.5BP	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	XD	TXB-D type rail	Punched rail (Recommended maximum length: 600mm)
		XF	TXB-F type rail	U-cut rail (Recommended maximum length: 600mm)
⑤	Tropical region type*	(blank)		Standard
		MR	Tropical region type	Special model (excluding the AFD-5.5BP)

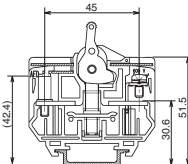
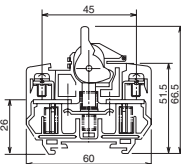
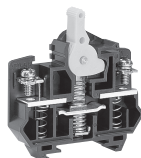
*For purchase of a single unit, specify ① and ② only.

*1. Additionally indicate "SUS" on clause ② when you order the tropically-adapted products (excluding the AFD-5.5BP).

STANDARD PRODUCTS

AFD-5.5 (30A)

Applicable wire size: 2.0 to 5.5 mm² (M4)



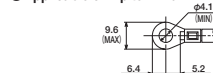
Banana plug connection



● Applicable accessories

End plate	AFDE-5.5A AFDE-5.5B
Standard marker strip	TJM-2
Standard rail	TXB
End clamp	TXL
Cover	AFDC-5.5

● Applicable crimp terminal



* With insulating cover

● Compatible banana plug: TJ-3
(Manufactured by SATO PARTS CO., LTD.)

TABLE OF ASSEMBLED DIMENSIONS

AFD type assembly on punched rail

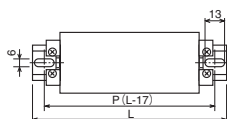
TXB-D type

* For your reference

AFD-5.5

Pole	2	3	4	6	8	10	12	14	16	18	20	22	24	26	28	30
P	60	80		100	140	160	180	200	220	260	280	300	340	340	380	400
L	77	97		117	157	177	197	217	237	277	297	317	357	357	397	417
Rail	XD-4	XD-5		XD-6	XD-8	XD-9	XD-10	XD-11	XD-12	XD-14	XD-15	XD-16	XD-17	XD-18	XD-20	XD-21

* Rail designation is XD-[pole] for TXB-D type (Punched rail). * Rail designation is KD-[pole] for TKB-D type (Punched rail).



AFD type assembly on U-cut rail

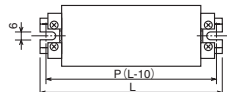
TXB-F type

* For your reference

AFD-5.5

Pole	2	3	4	6	8	10	12	14	16	18	20	22	24	26	28	30
P	60	70	85	105	130	155	180	205	225	250	275	300	325	345	370	395
L	70	80	95	115	140	165	190	215	235	260	285	310	335	355	380	405
Rail	XF-70	XF-80	XF-95	XF-115	XF-140	XF-165	XF-190	XF-215	XF-235	XF-260	XF-285	XF-310	XF-335	XF-355	XF-380	XF-405

* Rail designation is XF-[pole] for TXB-F type (U cut rail).



ACCESSORIES

Please see page C127 to C130 for accessories.

C119