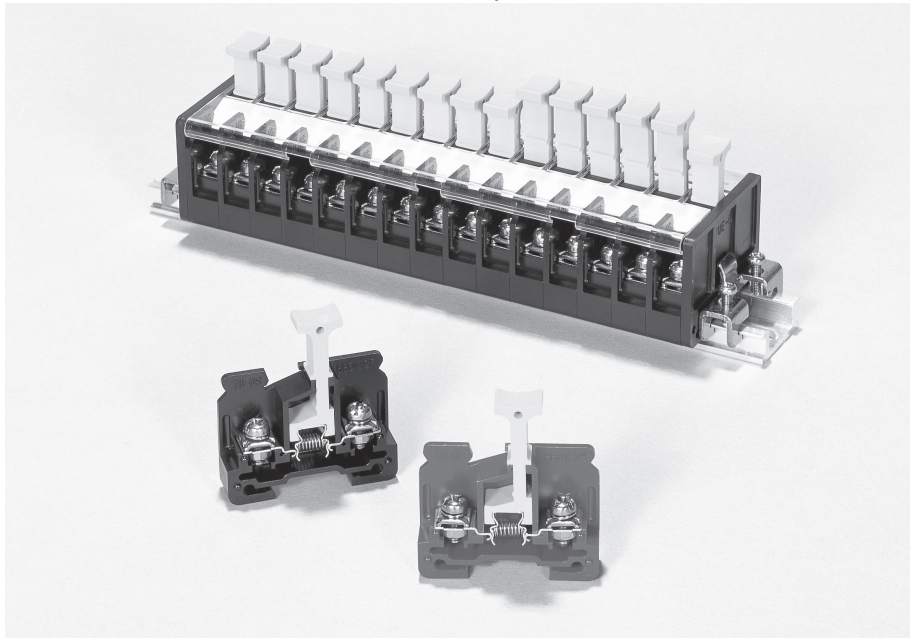




DISCONNECTING TERMINAL BLOCK

TU-DS TYPE, TX-DS TYPE



FEATURES

- The circuit can be disconnected by pulling the lever.
- The basic performance is equivalent to screw type TU type terminal block.
- Up-screw type TX-DS is also available.
- Models with easy-to-differentiate colors (green lever, red unit, etc.) are also available in the series lineup.
- With the banana plug, TU-DSB can be quickly short-circuited between pole and pole.
- 2-pole batch disconnection is also available.
- The terminal block can be mounted on DIN rails.
- Stainless steel screw specifications are also available.

SPECIFICATIONS (RATINGS, PERFORMANCE)

Specification \ Type	TU-DS TU-DSG TU-DSR	TU-DSB	TX-DS
Rated insulation voltage (UI)	600V		
Rated current-carrying capacity (Ith)	15A		
Rated cross-section	2mm ²		5.5mm ²
Screw size	M4×10	Plug socket	M4×8.5
Number of conductors simultaneously connectable	2		
Power-Frequency withstand voltage	2,500V AC / 1 min.		
Rated impulse withstand voltage	Between live parts ±7kV / 3 times for each pole (1.2 / 50 μs)		Between live parts ±6kV / 3 times for each pole (1.2 / 50 μs)
Short-time withstand current	Per 1 mm ² 120 A AC / 1 sec.		Per 1 mm ² 240 A AC / 1 sec.
Ambient operating temperature	-20 to 50°C		
Storing temperature	-55 to 85°C		-40 to 85°C
Altitude	2,000 m or less		

CONNECTING DEVICES

How to order

TU - DS **G** **SUS** × **10** **XF - 150** **MR**

① ② ③ ④ ⑤ ⑥

(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	Description	Note
①	Basic type	TU-DS	—	
		TX-DS		
②	Type	(blank)	Yellow lever, Black unit specification	—
		G	Green lever, Black unit specification	
		R	Yellow lever, Red unit specification	
		B	Plug socket specification	
③	Screw type	(blank)	Iron screw	Special plug socket shall be attach when TU-DSB choose.
		SUS	Stainless steel screw	SUS type can not choose for TU-DSB.
④	Pole No.	1 to max.	—	Please see page C116 to C117 for assemble dimensions.
⑤	Rail	XF	TXB-F rail type	U-cut rail (DIN rail) (Recommended maximum length : 600mm)
		XD	TXB-D rail type	Punched rail (DIN rail) (Recommended maximum length : 600mm)
		UF	TUB-F rail type	U-cut rail (Recommended maximum length : 600mm)
		UD	TUB-D rail type	Punched rail (Recommended maximum length : 600mm)
		KD	TKB-D rail type	Reinforced punched rail (DIN rail) (Recommended maximum length : 1,000mm)
⑥	Tropical region type*1	(blank)		Standard
		MR	Tropical region type	Special model

* For purchase of a single unit, specify ①, ② and ③ only.

*1. Additionally indicate "SUS" on clause ③ when you order the tropically-adapted products.

A SWITCH

B PILOT LAMP & INDICATOR

C CONNECTING DEVICES

D ELECTRONIC DEVICES



DISCONNECTING TERMINAL BLOCK

TU-DS TYPE, TX-DS TYPE

How to order of terminal blocks

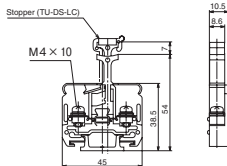
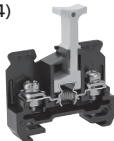
For the how to order, see C114.

STANDARD PRODUCTS

Yellow lever

TU-DS (15A) DIN rail-mounting

Applicable wire size:
0.75 to 2 mm² (M4)



●Applicable accessories

End plate	TUE-6, TUE-6(DIN)
Standard marker strip	TUM-2
Standard rail	TUB, TXB
End clamp	TUL, TXL
Cover	TUC-DS

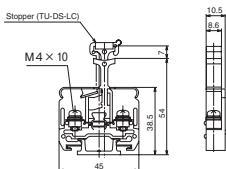
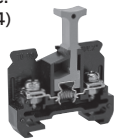
●Applicable crimp terminal



Green lever

TU-DSG (15A) DIN rail-mounting

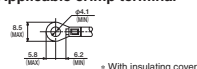
Applicable wire size:
0.75 to 2 mm² (M4)



●Applicable accessories

End plate	TUE-6, TUE-6(DIN)
Standard marker strip	TUM-2
Standard rail	TUB, TXB
End clamp	TUL, TXL
Cover	TUC-DS

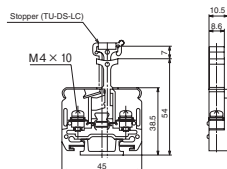
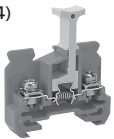
●Applicable crimp terminal



Yellow lever, red unit

TU-DSR (15A) DIN rail-mounting

Applicable wire size:
0.75 to 2 mm² (M4)



●Applicable accessories

End plate	TUE-6R, TUE-6(DINR)
Standard marker strip	TUM-2
Standard rail	TUB, TXB
End clamp	TUL, TXL
Cover	TUC-DS

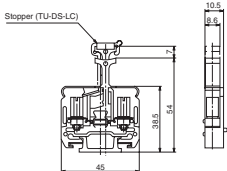
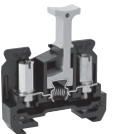
●Applicable crimp terminal



With plug socket

TU-DSB (15A) DIN rail-mounting

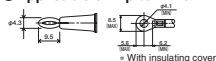
Applicable wire size:
0.75 to 2 mm²



●Applicable accessories

End plate	TUE-6, TUE-6(DIN)
Standard marker strip	TUM-2
Standard rail	TUB, TXB
End clamp	TUL, TXL
Cover	TUC-DS

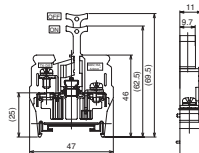
●Applicable crimp terminal



Yellow lever, Up-screw type

TX-DS (15A) DIN rail-mounting

Applicable wire size:
2 to 5.5 mm² (M4)



●Applicable accessories

End plate	TXE-14
Standard marker strip	TUM-2
Standard rail	TUB, TXB
End clamp	TUL, TXL
Cover	TXC-DS

●Applicable crimp terminal

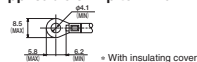
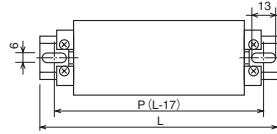


TABLE OF ASSEMBLED DIMENSIONS

TU-DS type assembly on punched rail

TUB-D type

TU-DS,DSG,DSR,DSB



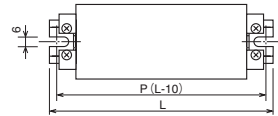
Pole	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
P	60				80		100		120		140		160		180	200
L	77				97		117		137		157		177		197	217
Rail	UD-4				UD-5		UD-6		UD-7		UD-8		UD-9		UD-10	UD-11

* Rail designation is UD-[pole] for TUB-D type (Punched rail).

TU-DS type assembly on U-cut rail

TUB-F type

TU-DS,DSG,DSR,DSB



Pole	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
P	50		55	65	75	85	100	105	120	130	140	150	160	170	180	190
L	60		65	75	85	95	110	115	130	140	150	160	170	180	190	200
Rail	UF-60		UF-65	UF-75	UF-85	UF-95	UF-110	UF-115	UF-130	UF-140	UF-150	UF-160	UF-170	UF-180	UF-190	UF-200

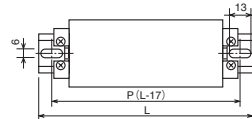
* When the TU-400B is equipped with the TUC-60 cover, the maximum number of terminals that can be assembled is 7.

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

TU-DS type assembly on punched rail

TXB-D type

TU-DS,DSG,DSR,DSB



Pole	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
P	60			80		100		120		140		160	180		200	
L	77			97		117		137		157		177	197		217	
Rail	XD-4			XD-5		XD-6		XD-7		XD-8		XD-9	XD-10		XD-11	

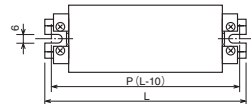
* Rail designation is XD-[pole] for TXB-D type (Punched rail).

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

TU-DS type assembly on U-cut rail

TXB-F type

TU-DS,DSG,DSR,DSB



Pole	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
P	50	55	65	75	85	95	105	115	125	140	150	160	170	180	190	200
L	60	65	75	85	95	105	115	125	135	150	160	170	180	190	200	210
Rail	XF-60	XF-65	XF-75	XF-85	XF-95	XF-105	XF-115	XF-125	XF-135	XF-150	XF-160	XF-170	XF-180	XF-190	XF-200	XF-210

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



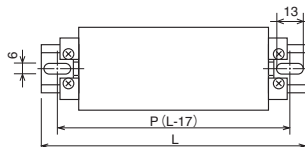
DISCONNECTING TERMINAL BLOCK

TU-DS TYPE, TX-DS TYPE

TX-DS type assembly on punched rail

TXB-D type

TX-DS



Pole	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
P	60		80	80	100	100	120	120	140	140	160	160	180	200	200	220	
L	77		97	97	117	117	137	137	157	157	177	177	197	217	217	237	
Rail	XD-4		XD-5		XD-6		XD-7		XD-8		XD-9		XD-10		XD-11		XD-12

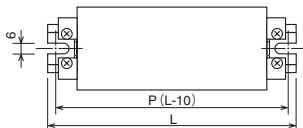
* Rail designation is XD-[pole] for TXB-D type (Punched rail).

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

TX-DS type assembly on U-cut rail

TXB-F type

TX-DS



Pole	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
P	50	60	70	80	90	105	115	125	135	145	160	170	180	190	200	215
L	60	70	80	90	100	115	125	135	145	155	170	180	190	200	210	225
Rail	XF-60	XF-70	XF-80	XF-90	XF-100	XF-115	XF-125	XF-135	XF-145	XF-155	XF-170	XF-180	XF-190	XF-200	XF-210	XF-225

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

ACCESSORIES

Please see page C127 to C130 for accessories.