

Flexible terminal block

TEN and TEU Series

Application				Type name	Number of contents	External dimensions (mm)				General mass (g)		
								A	B	C	D	
Terminal unit												
Screw type	250V	1.25mm ²	[10A]	M3×6± screw type	TEN 7	100P	24	15.5	7	6	3	
	600V	2mm ²	[20A]	M3.5×7± screw type	TEN 8	100P	29	19.5	8	6.7	4.5	
		3.5mm ²	[30A]	M4×8± screw type	TEN 11	100P	33	21	11	9.6	8	
Up-screw type	600V	2mm ²	[20A]	M3.5×7± up-screw type	TEU 8	100P	32.6	27.4	8	6.7	7	
		3.5mm ²	[30A]	M4×8± up-screw type	TEU 11	100P	36.5	29.6	11	9.6	11	
		8mm ²	[50A]	M5×10± up-screw type	TEU 14	30P	44.5	40	14	12.3	27	
Side base												
For TEN7 (including left/right one pair and 1 pin)					TENA 7	20 pairs	24	16	Thickness 27 ^{Note}		6	
For TEN8 (including left/right one pair and 1 pin)					TENA 8	20 pairs	29	20	Thickness 28 ^{Note}		8.5	
For TEN11 (including left/right one pair and 1 pin)					TENA 11	20 pairs	33	21.5	Thickness 31 ^{Note}		13	
For TEU8 (including left/right one pair and 1 pin)					TEUA 8	20 pairs	32.6	28	Thickness 28 ^{Note}		12.5	
For TEU11 (including left/right one pair and 1 pin)					TEUA 11	20 pairs	36.5	30.5	Thickness 31 ^{Note}		19	
For TEU14 (including left/right one pair and 1 pin)					TEUA 14	10 pairs	44.5	41	Thickness 38 ^{Note}		41	
Jig												
Terminal block joint press-fit machine (main unit only) Press-fit block for the applicable unit is separately required.					TKJ 1	1 pieces	—	—	—	—	—	
Press-fit block A set For TEN series TEU 8 and TEU11. It consists of special press-fit block, special spacer (2 pieces) and special guide cover.					TKJ 1B1	1 set	—	—	—	—	—	
Press-fit block B set It is special press-fit block for TEU14.					TKJ 1B2	1 set	—	—	—	—	—	

Notes:

- The thickness of the side space is the total size of the left and right pair (for 2 pieces).
- End plate general mass is the total of right and left 2 plates (1 pair).

Rating when the product is used as UL.c-UL-us certified part or EN/IEC standard certified part (TÜV certification CE)

type name	Rated voltage (V)	Rated current (A)	EN/IEC standard		Rated current (A)	UL standard			Rated current (A)	Applicable wire (AWG/MCM) ^{Note 1}
			Applicable wire (AWG/MCM) ^{Note 1}			FW ^{Note 2}	Applicable wire (AWG/MCM) ^{Note 1}			
			Single wire	Stranded wire			Single wire	Stranded wire		
TEN 8	300	20	20 to 14	20 to 14	15	20 to 14	20 to 14	2	15	20 to 14
TEN 11	300	30	18 to 12 (0.75 to 4mm ²)	18 to 12 (0.75 to 4mm ²)	25	18 to 12	18 to 12	2	25	18 to 12
TEU 8	600	20	20 to 14 (0.5 to 2.5mm ²)	20 to 14 (0.5 to 2.5mm ²)	20	20 to 14	20 to 14	2	20	20 to 14
TEU 11	600	30	18 to 12 (0.75 to 4mm ²)	18 to 12 (0.75 to 4mm ²)	30	18 to 10	18 to 10	2	30	18 to 10
		40	—	*10 (6mm ²)						
TEU 14	600	45	16 to 10 (1.5 to 6mm ²)	16 to 10 (1.5 to 6mm ²)	35	16 to 10	16 to 10	2	35	16 to 10
		60	—	*8 (10mm ²)	50	—	*8	1	50	*8

Notes:

- The table above is based on connection to the copper bare wire and the crimp terminal. The applicable wires with * indicates connection to the crimp terminal only. Use UL standard parts and c-UL-us standard parts for crimp terminal. Be careful for the following points:
 - Connection to crimp terminal: Use the crimp terminal with insulated coating or insulate the bare crimp terminal with sleeve, tube or tape.
 - Connection to two bare wires: Connect the wire with the same size and type (single wire or stranded). Do not connect the wires with different sizes and types.
- FW1: Factory wiring, FW2: Factory wiring and field wiring

Flexible terminal block **TEN and TEU Series**

TEN series assembly completion part

No. of pins	Type name	250V, 1.25mm ² [10A], M3×6±, screw type				General mass (g)	Type name	600V, 2mm ² [20A], M3.5×7±, screw type				General mass (g)	Type name	600V, 3.5mm ² [30A], M4×8±, screw type				General mass (g)
		A	B	C	D			A	B	C	D			A	B	C	D	
2	TEN 7 02	34	B=24,		9.5	TEN 8 02	36	B=29,		14	TEN 11 02	42	B=33,		23.5			
3	TEN 7 03	41	C=16,		13	TEN 8 03	44	C=20,		19	TEN 11 03	53	C=21.5,		32			
4	TEN 7 04	48	D=6		16.5	TEN 8 04	52	D=6.7		24	TEN 11 04	64	D=9.6		40.5			
5	TEN 7 05	55			20	TEN 8 05	60			29	TEN 11 05	75			49			
6	TEN 7 06	62			23.5	TEN 8 06	68			34	TEN 11 06	86			57.5			
7	TEN 7 07	69			27	TEN 8 07	76			39	TEN 11 07	97			66			
8	TEN 7 08	76			30.5	TEN 8 08	84			44	TEN 11 08	108			74.5			
9	TEN 7 09	83			34	TEN 8 09	92			49	TEN 11 09	119			83			
10	TEN 7 10	90			37.5	TEN 8 10	100			54	TEN 11 10	130			91.5			
11	TEN 7 11	97			41	TEN 8 11	108			59	TEN 11 11	141			100			
12	TEN 7 12	104			44.5	TEN 8 12	116			64	TEN 11 12	152			108.5			
13	TEN 7 13	111			48	TEN 8 13	124			69	TEN 11 13	163			117			
14	TEN 7 14	118			51.5	TEN 8 14	132			74	TEN 11 14	174			125.5			
15	TEN 7 15	125			55	TEN 8 15	140			79	TEN 11 15	185			134			
16	TEN 7 16	132			58.5	TEN 8 16	148			84	TEN 11 16	196			142.5			
17	TEN 7 17	139			62	TEN 8 17	156			89	TEN 11 17	207			151			
18	TEN 7 18	146			65.5	TEN 8 18	164			94	TEN 11 18	218			159.5			
19	TEN 7 19	153			69	TEN 8 19	172			99	TEN 11 19	229			168			
20	TEN 7 20	160			72.5	TEN 8 20	180			104	TEN 11 20	240			176.5			

Remark: With cover and name sticker.

TEU series assembly completion part

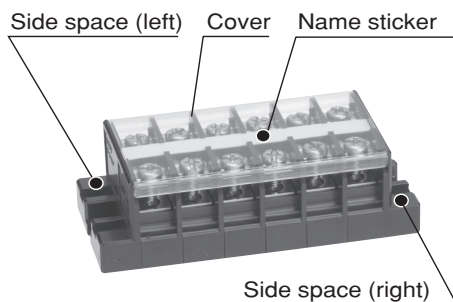
No. of pins	Type name	600V, 2mm ² [20A], M3.5×7±, up-screw type				General mass (g)	Type name	600V, 3.5mm ² [30A], M4×8±, up-screw type				General mass (g)	Type name	600V, 8mm ² [50A], M5×10±, up-screw type				General mass (g)
		A	B	C	D			A	B	C	D			A	B	C	D	
2	TEU 8 02	36	B=32.6,		20.5	TEU 11 02	42	B=36.5,		30.5	TEU 14 02	52	B=44.5,		69			
3	TEU 8 03	44	C=28,		28	TEU 11 03	53	C=30.5,		42	TEU 14 03	66	C=41,		97			
4	TEU 8 04	52	D=6.7		35.5	TEU 11 04	64	D=9.6		53.5	TEU 14 04	80	D=12.3		125			
5	TEU 8 05	60			43	TEU 11 05	75			65	TEU 14 05	94			153			
6	TEU 8 06	68			50.5	TEU 11 06	86			76.5	TEU 14 06	108			181			
7	TEU 8 07	76			58	TEU 11 07	97			88	TEU 14 07	122			209			
8	TEU 8 08	84			65.5	TEU 11 08	108			99.5	TEU 14 08	136			237			
9	TEU 8 09	92			73	TEU 11 09	119			111	TEU 14 09	150			265			
10	TEU 8 10	100			80.5	TEU 11 10	130			122.5	TEU 14 10	164			293			
11	TEU 8 11	108			88	TEU 11 11	141			134	TEU 14 11	178			321			
12	TEU 8 12	116			95.5	TEU 11 12	152			145.5	TEU 14 12	192			349			
13	TEU 8 13	124			103	TEU 11 13	163			157	TEU 14 13	206			377			
14	TEU 8 14	132			110.5	TEU 11 14	174			168.5	TEU 14 14	220			405			
15	TEU 8 15	140			118	TEU 11 15	185			180	TEU 14 15	234			433			
16	TEU 8 16	148			125.5	TEU 11 16	196			191.5	TEU 14 16	248			461			
17	TEU 8 17	156			133	TEU 11 17	207			203	TEU 14 17	262			489			
18	TEU 8 18	164			140.5	TEU 11 18	218			214.5	TEU 14 18	276			517			
19	TEU 8 19	172			148	TEU 11 19	229			226	TEU 14 19	290			545			
20	TEU 8 20	180			155.5	TEU 11 20	240			237.5	TEU 14 20	304			573			

Remark: With cover and name sticker.



Line-up
Clutch Lock
Terminal Blocks
PLC Interface
Terminal Blocks
Rail Type
Terminal Blocks
Assembly
Terminal Blocks
Special Purpose
Terminal Blocks
Terminal
Block Accessories

Flexible terminal block accessory

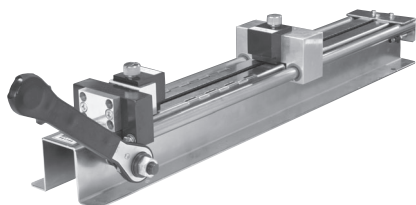


Assembled by conjunction injection machine

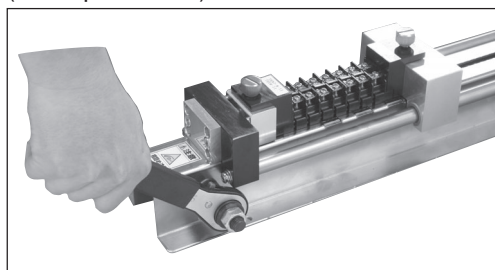
This is the list of applicable accessories of flexible terminal block. Select the accessory that is applicable to terminal unit.

Terminal unit	Side space	Cover	Name sticker	Short bar
TEN 7	TENA 7	TXJB 7	TXJC 51	TJ 7201 A
		TXJB 7L	TXJC 52	TJ 7201 B
			TXJC 53	
TEN 8	TENA 8	TXJB 8	TRC 11	TJ 161 A
		TXJB 8L	TRC 12	TJ 161 B
TEU 8	TEUA 8	TTB 3 TTB 3L	TRC 13	TJ 161 C
				TJ 1201 A
				TJ 1201 B
TEN 11	TENA 11			TJ 261 A
TEU 11	TEUA 11	TXB 1 TXB 1L		TJ 261 B
				TJ 261 C
TEU 14	TEUA 14	T30B T30BL	TRC 21	JTJ 302 B
			TRC 22	
			TRC 23	

Terminal block conjunction injection machine



(Example of use)

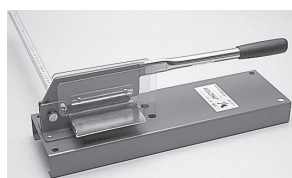


This supports total six models of TEN Series and TEU Series by replacing dedicated injection block (please specify the type name of terminal block when you purchase it).

- Compact tool that can be assembled up to 20 poles
- Everyone can assemble it easily.

Product name	Type name	Specification
Terminal block conjunction injection machine (only main unit)	TKJ 1	Max. number of pieces which can be assembled: 20P The injection block set of applicable unit is required separately.
Injection block A set	TKJ 1B1	For TEN Series, TEU8, TEU11 This is a set of dedicated injection block, dedicated spacer (x2), and dedicated guide cover.
Injection block B set	TKJ 1B2	For TEU14 Dedicated injection block

Terminal block cover cutter



This supports cut of terminal cover made from plastic.

- This makes no chip or noise.
- Attached scale enables sizing cut.
- This makes replacement of cutting blade easy.

Product name	Type name	Specification
Terminal block cover cutter	JHC 101	Supports terminal cover made from plastic Thickness 1mm x width 90mm or less Handle grip center, 300N or less Olfa substitute edge out size H type (Part No. HB5B) General mass : 5.9kg

Line-up
Clutch Lock
Terminal Blocks
PLC Interface
Terminal Blocks
Rail Type
Terminal Blocks
Assembly
Terminal Blocks
Special Purpose
Terminal Blocks
Terminal
Block Accessories