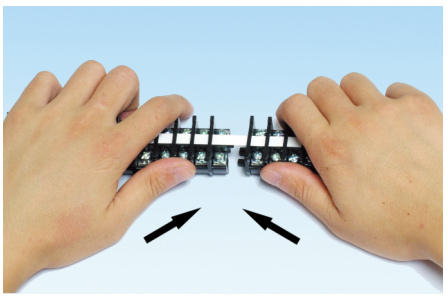
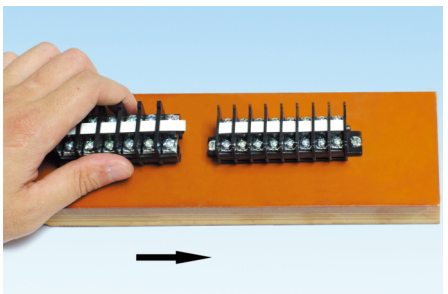
tend CASSETTE ASSEMBLY TERMINAL BLOCKS

FEATURES

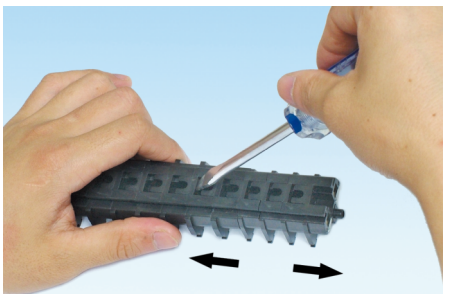
1. No need of stringing iron bar or rail for less than 10P terminal blocks. Pushing 2P against each other will be OK. Swift and convenient. (Fig 1)
2. Stringing iron bar or rail may be attached for more than 10P. In case of over than 30P, you may separte the whole assembly into 2 or 3 sections. Fixing the first section, the second and the next. No limitation in the desired length. Very solid and firm. (Fig 2)
3. Use"—" shaped screw-driver to pry open from the bottom slot. (Fig 3)
4. TBC-10, TBC-20, and TBC-30 are inter-stringable by using the same iron bar. (Fig. 4)
5. TBC-60 TBC-100, TBC-200 and TBC-300 are also inter-stringable by using the same iron bar. (Fig. 5)
6. Cassette assembly type terminal blocks, like TBC-10, 20 30 can be mounted on TBC-N rail with TBR-60, 100, and 200.
7. TBC-□, □ stands for amps.



(Fig. 1)

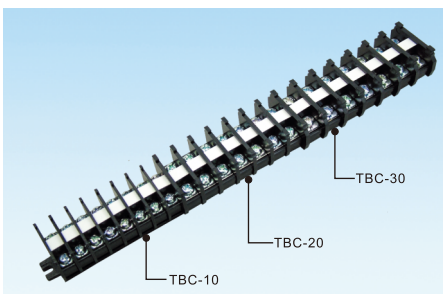


(Fig. 2)



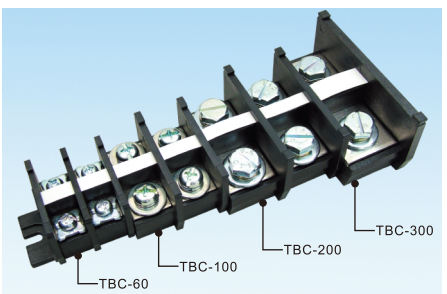
(Fig. 3)

TBC-10.20.30



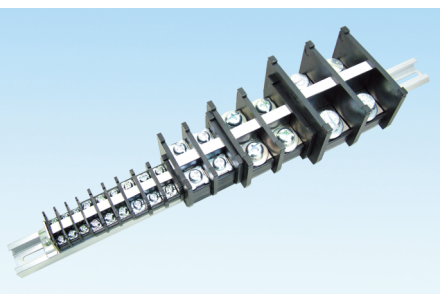
(Fig. 4)

TBC-60.100.200.300



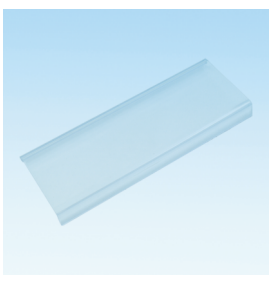
(Fig. 5)

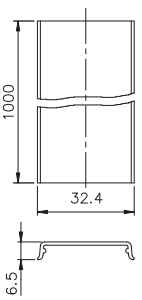
TBC-10.20.30 TBR-60.100.200



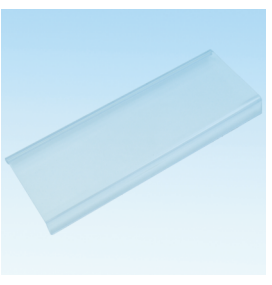
(Fig. 6)

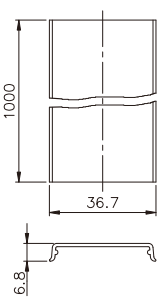
TBR-10C（TBC10、TBR10）



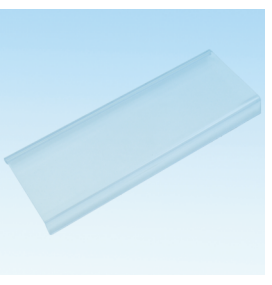


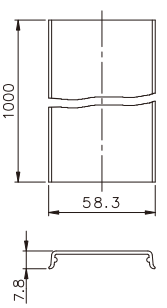
TBR-20C（TBC20、30、TBR20、30
TBD10、20）



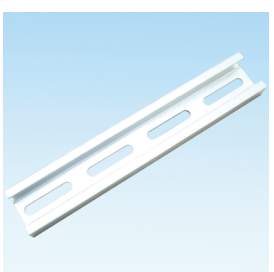


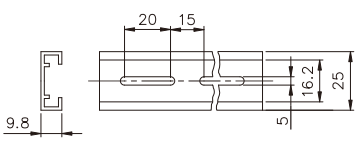
TBR-60C（TBC60、TBR60）



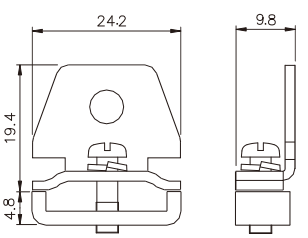


TBC-N



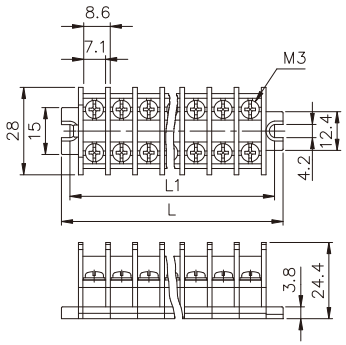


TBC-F



DIMENSIONS

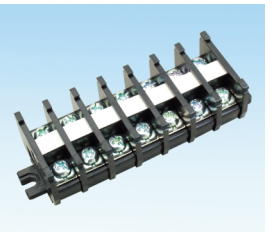
TBC-10

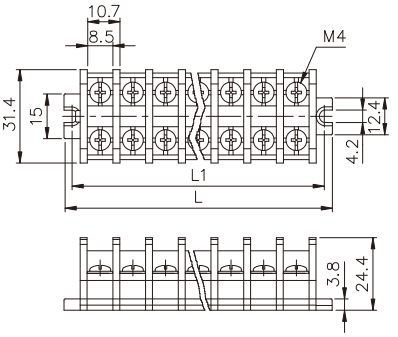


L=16.8+8.6Xn
L1=10.6+8.6Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	34	42.6	51.2	59.8	68.4	77	85.6	94.2	102.8	111.4	120
L1	27.8	36.4	45	53.6	62.2	70.8	79.4	88	96.6	105.2	113.8

TBC-20

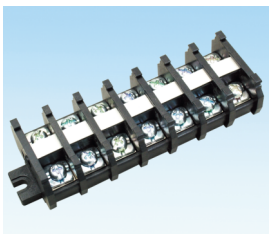


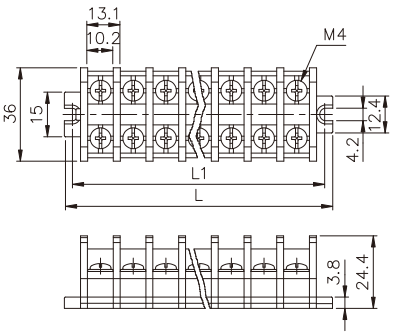


L=17.6+10.7Xn
L1=11.4+10.7Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	39	49.7	60.4	71.1	81.8	92.5	103.2	113.9	124.6	135.3	146
L1	32.8	43.5	54.2	64.9	75.6	86.3	97	107.7	118.4	129.1	139.8

TBC-30

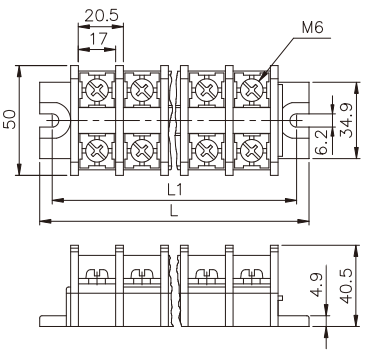




L=18.1+13.1Xn
L1=11.9+13.1Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	44.3	57.4	70.5	83.6	96.7	109.8	122.9	136	149.1	162.2	175.3
L1	38.1	51.2	64.3	77.4	90.5	103.6	116.7	129.8	142.9	156	169.1

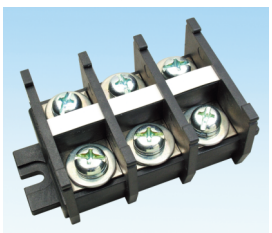
TBC-60

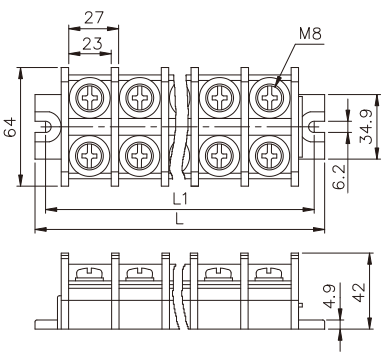


L=33.3+20.5Xn
L1=17.8+20.5Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	74.3	94.8	115.3	135.8	156.3	176.8	197.3	217.8	238.3	258.8	279.3
L1	58.8	79.3	99.8	120.3	140.8	161.3	181.8	202.3	222.8	243.3	263.8

TBC-100

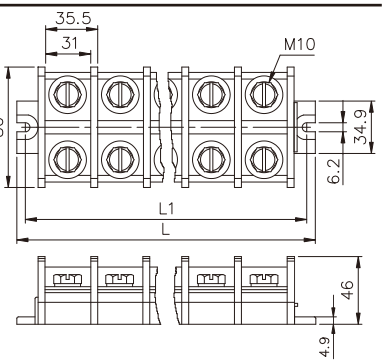




L=33.8+27Xn
L1=18.4+27Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	87.8	114.8	141.8	168.8	195.8	222.8	249.8	276.8	303.8	330.8	357.8
L1	72.4	99.4	126.4	153.4	180.4	207.4	234.4	261.4	288.4	315.4	342.4

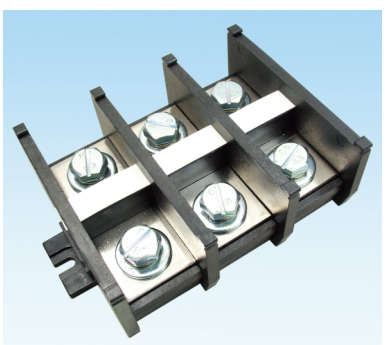
TBC-200

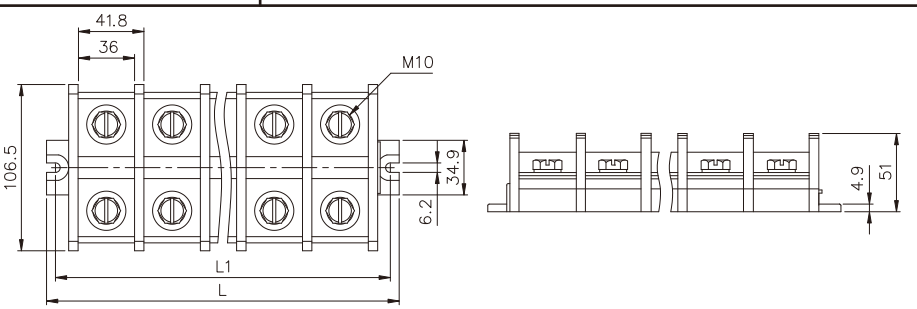


L=34.4+35.5Xn
L1=19+35.5Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	105.4	140.9	176.4	211.9	247.4	282.9	318.4	353.9	389.4	424.9	460.4
L1	90	125.5	161	196.5	232	267.5	303	338.5	374	409.5	445

TBC-300





L=36.5+41.8Xn
L1=21.5+41.8Xn
n=Pole

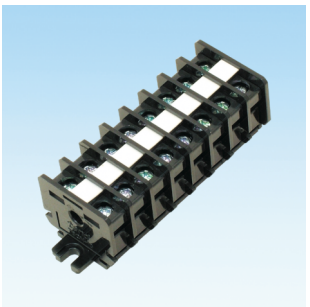
Pole	2	3	4	5	6	7	8	9	10	11	12
L	120.1	161.9	203.7	245.5	287.3	329.1	370.9	412.7	454.5	496.3	538.1
L1	105.1	146.9	188.7	230.5	272.3	314.1	355.9	397.7	439.5	481.3	523.1

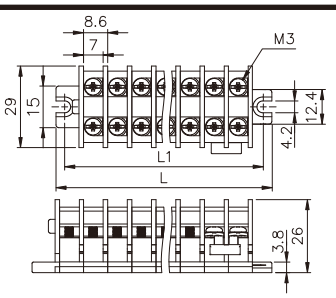
FEATURES

- The series of finger-protecting terminal blocks are improved on our previous TBC/TBR/TBD series. The transparent cover had to be bought as an extra in the past and be removed before wiring.It caused an increase of cost and waste of time.With the cover being molded together with the base now,screwdriver can be put through the hole on the cover to unscrew. Fingers are,thus,well protected and it keeps the user from any possible electric shock.
- In the past,screws had to be reversed loose first and tightened after terminals or wires had been put into place. New design keeps the screws separate to allow the user to tighten them directly in wiring.There is no risk of the screws, falling-off even when they turn loose.
- Finger-protecting 2P terminal block connector is also available. It can protect the user from any possible electric shock and may be applicable to all the three TBCN/TBRN/TBDN series.

DIMENSIONS

TBCN-10

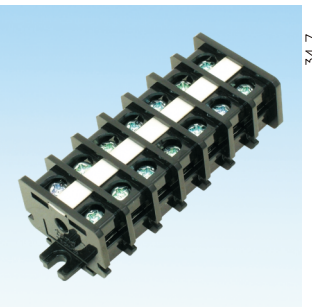


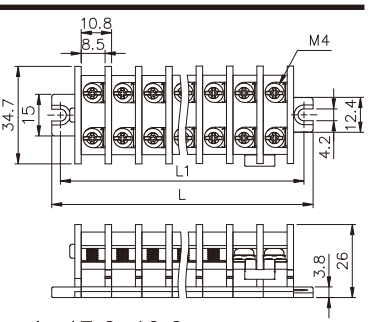


L=16.8+8.6Xn
L1=10.6+8.6Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	34	42.6	51.2	59.8	68.4	77	85.6	94.2	102.8	111.4	120
L1	27.8	36.4	45	53.6	62.2	70.8	79.4	88	96.6	105.2	113.8

TBCN-20

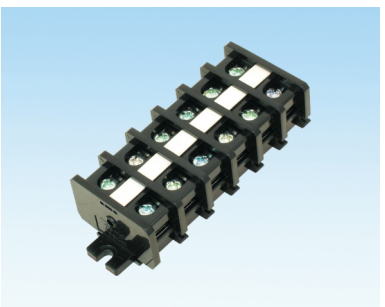


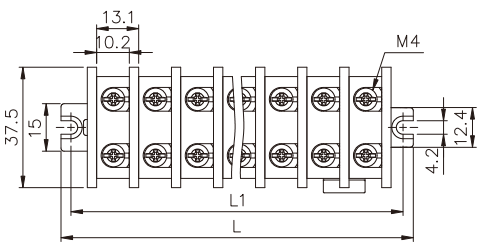


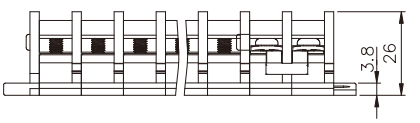
L=17.6+10.8Xn
L1=11.4+10.8Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	39.2	50	60.8	71.6	82.4	93.2	104	114.8	125.6	136.4	147.2
L1	33	43.8	54.6	65.4	76.2	87	97.8	108.6	119.4	130.2	141

TBCN-30





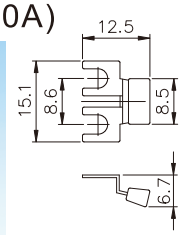


L=18.1+13.1Xn
L1=11.9+13.1Xn
n=Pole

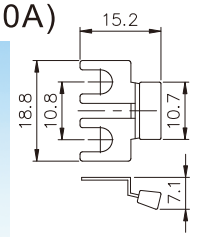
Pole	2	3	4	5	6	7	8	9	10	11	12
L	44.3	57.4	70.5	83.6	96.7	109.8	122.9	136	149.1	162.2	175.3
L1	38.1	51.2	64.3	77.4	90.5	103.6	116.7	129.8	142.9	156	169.1

CROSS-CONNECTION (TBCN,TBRN,TBDN)

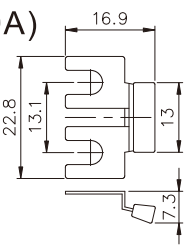
TBCN-10S (10A)



TBCN-20S (20A)

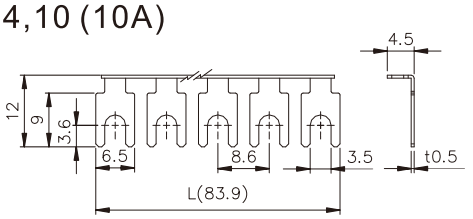


TBCN-30S (30A)

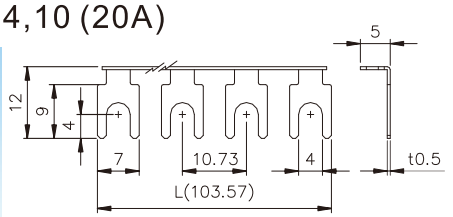


CROSS-CONNECTION (TBC,TBR,TBD)

TBC-10S-2,3,4,10 (10A)



TBC-20S-2,3,4,10 (20A)

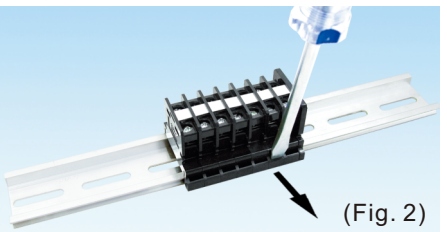


tend RAIL-MOUNT TERMINAL BLOCKS

FEATURES

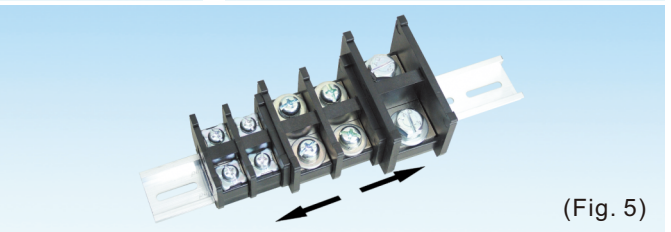
1. Uniformed specification expedites mounting-suitable for DIN rails for relay sockets, time switch sockets. (Fig. 4)
2. TBR-10, 20, 30 terminal blocks dismounting leads to easy and swift maintenance by pressing down with a little effort will get it firmly fixed. (Fig. 1) putting a "—" shaped screw driver in the rabbet then turning arrowheadware as shown dismounted. (Fig. 2)
   The fixation and disassembly of stop plates are same as those of TBR-10, 20,30. The fixation can be achieved by firmly tightening the screws on stop plates.
3. In assembling TBR-60, 100, 200, align the groove on the bottom of the terminal blocks to one end of the rail, push them, and use stop plates on both sides to make them firmly fixed. (Fig. 5)
4. TBR-60, 100, 200 terminal blocks can be connected with TBC-10, 20, 30 termianl blocks in TBC-Nail.(Fig.6)
5. TBCN-□, □ stands for amps.


(Fig. 1)

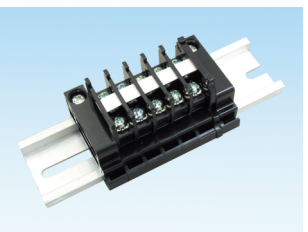

(Fig. 2)

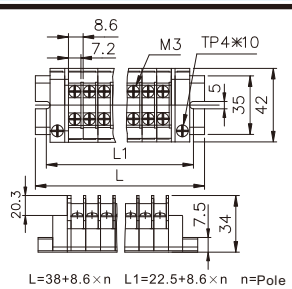
(Fig. 3)


(Fig. 4)


(Fig. 5)

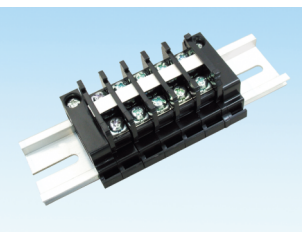
TBR-10

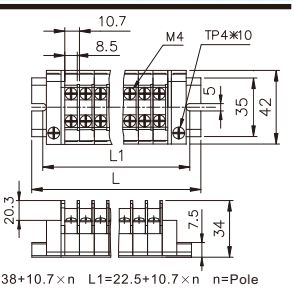




L=38+8.6×n L1=22.5+8.6×n n=Pole

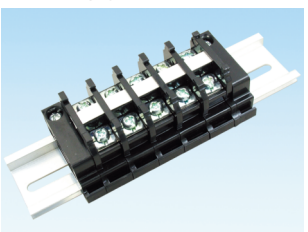
TBR-20

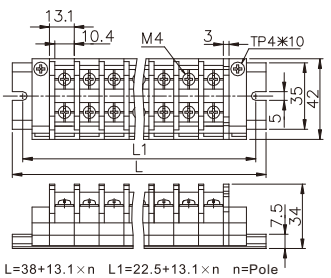




L=38+10.7×n L1=22.5+10.7×n n=Pole

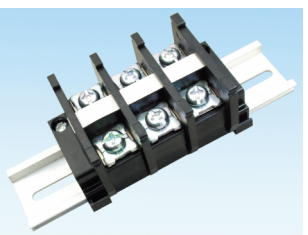
TBR-30

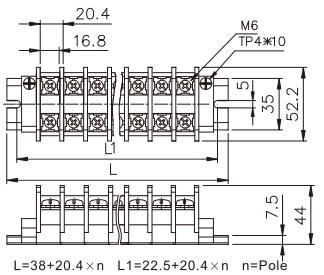




L=38+13.1×n L1=22.5+13.1×n n=Pole

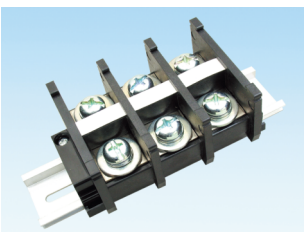
TBR-60

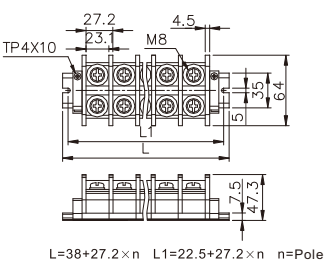




L=38+20.4×n L1=22.5+20.4×n n=Pole

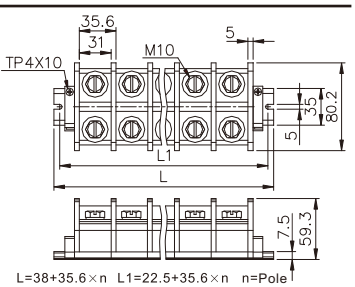
TBR-100





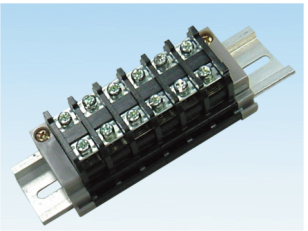
L=38+27.2×n L1=22.5+27.2×n n=Pole

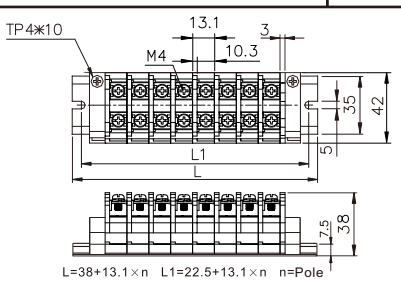
TBR-200



L=38+35.6×n L1=22.5+35.6×n n=Pole

TBS-30

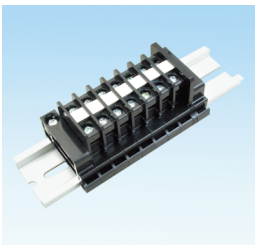


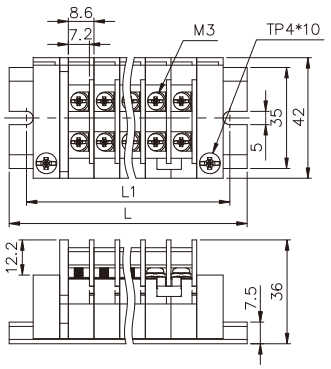


L=38+13.1×n L1=22.5+13.1×n n=Pole

tend RAIL-MOUNT TERMINAL BLOCKS TBRN

TBRN-10

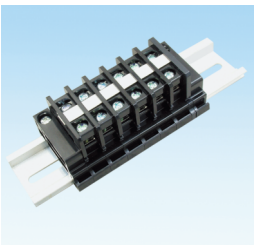


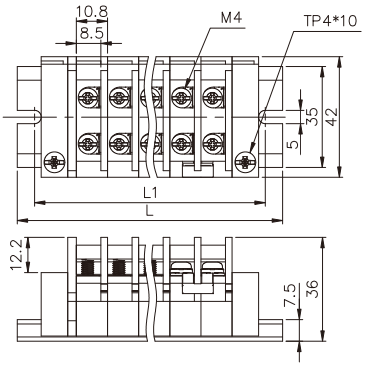


L=38+8.6Xn
L1=22.5+8.6Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	55.2	63.8	72.4	81	89.6	98.2	106.8	115.4	124	132.6	141.2
L1	39.7	48.3	56.9	65.5	74.1	82.7	91.3	99.9	108.5	117.1	125.7

TBRN-20

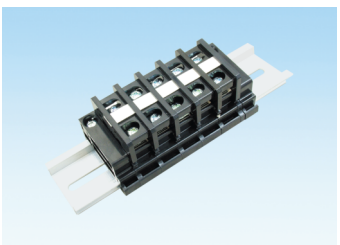


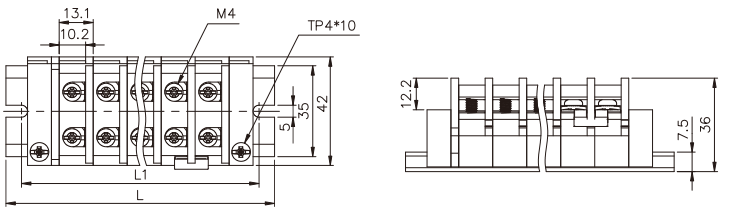


L=38+10.8Xn
L1=22.5+10.8Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	59.6	70.4	81.2	92	102.8	113.6	124.4	135.2	146	156.8	167.6
L1	44.1	54.9	65.7	76.5	87.3	98.1	108.9	119.7	130.5	141.3	152.1

TBRN-30

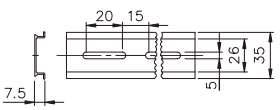




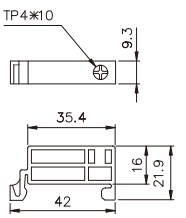
L=38+13.1Xn
L1=22.5+13.1Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	64.2	77.3	90.4	103.5	116.6	129.7	142.8	155.9	169	182.1	195.2
L1	48.7	61.8	74.9	88	101.1	114.2	127.3	140.4	153.5	166.6	179.7

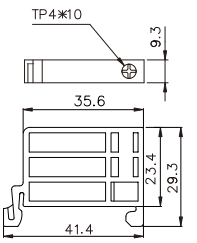
TBR-N



TBR-F



TBR-FN

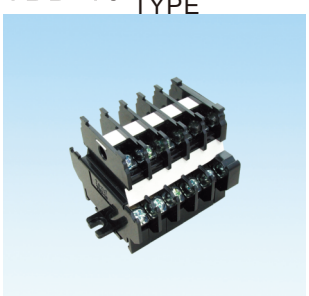


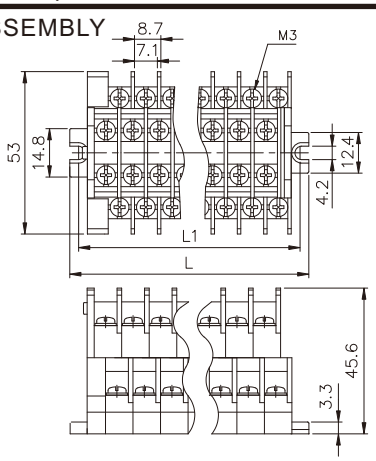
tend DOUBLE LEVEL TERMINAL BLOCKS TBD

FEATURES

1. Shorten the length of terminal blocks and save the space for wiring.
2. Three ways of assembly:
   (a)Direct cassette assembly makes it very solid and no need of using iron stringing less than 15P terminal blocks.
   (b)TBC-N rail can be connected with TBC-10, 20, 30 and TBR-60, 100, 200.
   (c)TBR-N can be fixed by pressing down directly, be disassembled by pushing to both ends, and be connected with TBR-10, 20, 30, 60, 100, 200.
3. TBD-□, □ stands for amps.

TBD-10 CASSETTE ASSEMBLY TYPE

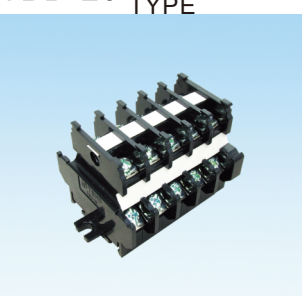


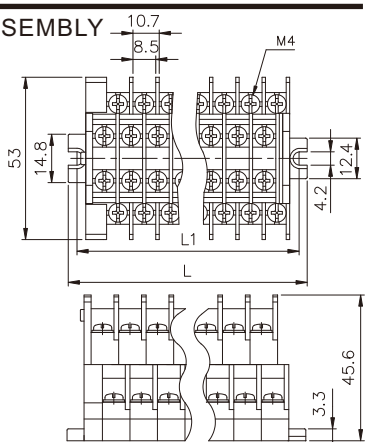


L=21.5+8.7Xn
L1=15.1+8.7Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	38.9	47.6	56.3	65	73.7	82.4	91.1	99.8	108.5	117.2	125.9
L1	32.5	41.2	49.9	58.6	67.3	76	84.7	93.4	102.1	110.8	119.5

TBD-20 CASSETTE ASSEMBLY TYPE





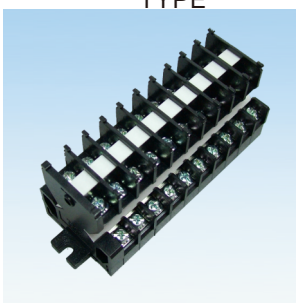
L=21.5+10.7Xn
L1=15.1+10.7Xn
n=Pole

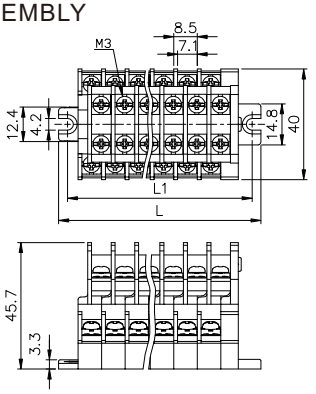
Pole	2	3	4	5	6	7	8	9	10	11	12
L	42.9	53.6	64.3	75	85.7	96.4	107.1	117.8	128.5	139.2	149.9
L1	36.5	47.2	57.9	68.6	79.3	90	100.7	111.4	122.1	132.8	143.5

tend DOUBLE CASSETTE TERMINAL BLOCKS

■DIMENSIONS

TBH-10 CASSETTE ASSEMBLY TYPE

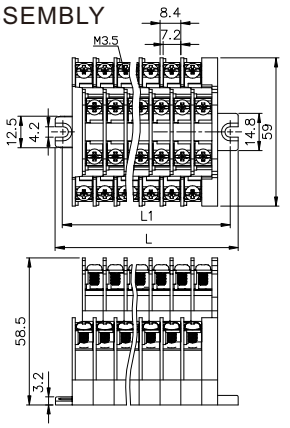




L=21.5+8.5Xn
L1=15.1+8.5Xn
N=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	38.5	47	55.5	64	72.5	81	89.5	98	106.5	115	123.5
L1	32.1	40.6	49.1	57.6	66.1	74.6	83.1	91.6	101.1	108.6	117.1

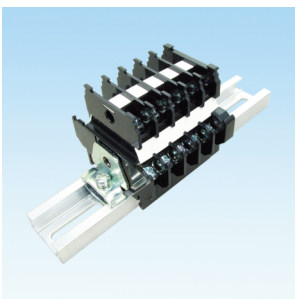
TBDS-20 CASSETTE ASSEMBLY TYPE

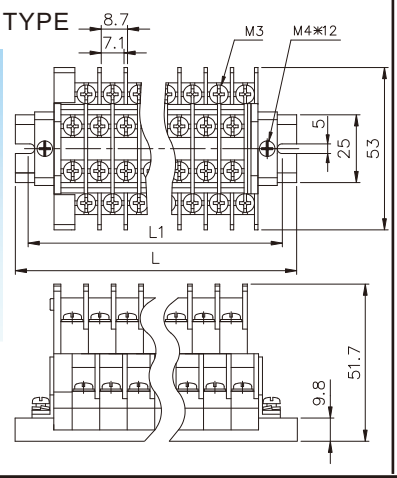


L=21.4+8.4Xn
L1=15.1+8.4Xn
N=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	38.2	46.6	55	63.4	71.8	80.2	88.6	97	105.4	113.8	122.2
L1	31.9	40.3	48.7	57.1	65.5	73.9	82.3	90.7	99.1	107.5	115.9

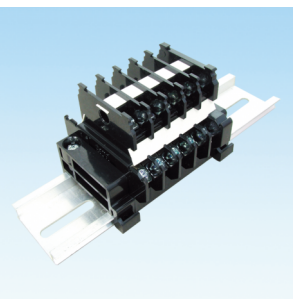
TBC-N RAIL-MOUNT TYPE

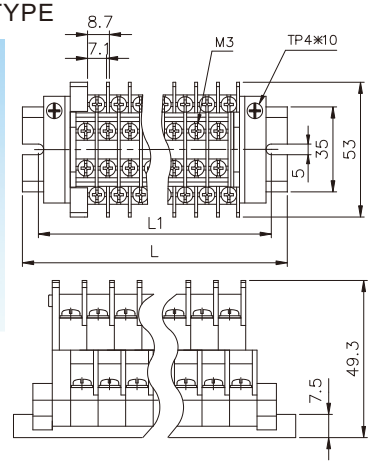




L=38+8.7Xn
L1=22.5+8.7Xn
n=Pole

TBR-N RAIL-MOUNT TYPE



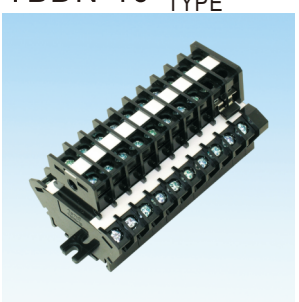


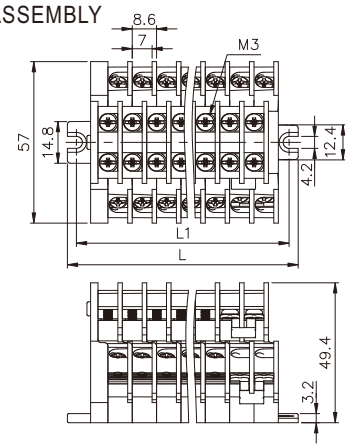
L=38+8.7Xn
L1=22.5+8.7Xn
n=Pole

tend DOUBLE CASSETTE TERMINAL BLOCKS TBDN

■DIMENSIONS

TBDN-10 CASSETTE ASSEMBLY TYPE

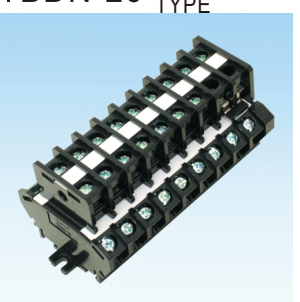


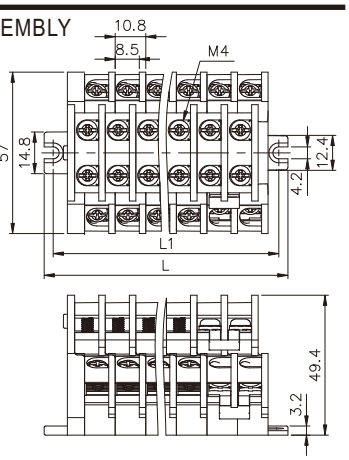


L=21.5+8.6Xn
L1=15.1+8.6Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	38.7	47.3	55.9	64.5	73.1	81.7	90.3	98.9	107.5	116.1	124.7
L1	32.3	40.9	49.5	58.1	66.7	75.3	83.9	92.5	101.1	109.7	118.3

TBDN-20 CASSETTE ASSEMBLY TYPE





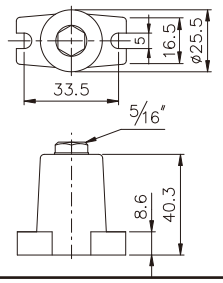
L=21.5+10.8Xn
L1=15.1+10.8Xn
n=Pole

Pole	2	3	4	5	6	7	8	9	10	11	12
L	43.1	53.9	64.7	75.5	86.3	97.1	107.9	118.7	129.5	140.3	151.1
L1	36.7	47.5	58.3	69.1	79.9	90.7	101.5	112.3	123.1	133.9	144.7

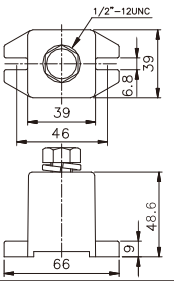
tend SOLID-TYPE TERMINAL BLOCK

■DIMENSIONS

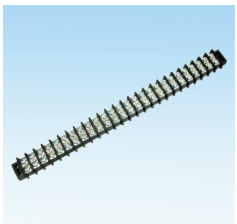
T20

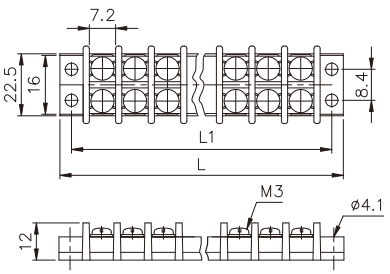


T40



TB-10

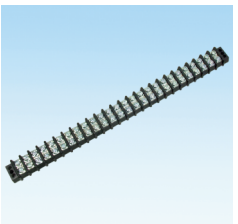


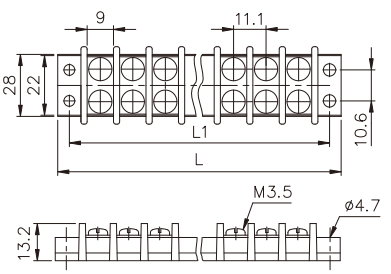


No. OF Poles	1	2	3	4	5	6	7	8	9	10	11	12	13
L	26.2	35.7	45.2	54.7	64.2	73.7	83.2	92.7	182.2	111.7	121.2	130.7	140.2
L1	19	28.5	38	47.5	57	66.5	76	85.5	95	104.5	114	123.5	133

No. OF Poles	14	15	16	17	18	19	20	21	22	23	24	25	26
L	149.7	159.2	168.2	178.2	187.7	197.2	206.7	216.2	225.7	235.2	244.7	254.2	263.7
L1	142.5	152	161.5	171	180.5	190	199.5	209	218.5	228	237.5	247	256.5

TB-20

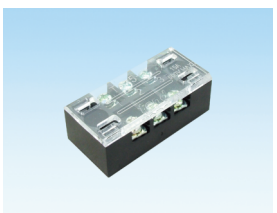


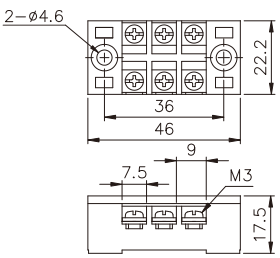


No. OF Poles	1	2	3	4	5	6	7	8	9	10	11	12	13
L	31.2	42.3	53.4	64.5	75.6	86.7	97.8	108.9	128	131.1	142.2	153.3	164.4
L1	22.2	33.3	44.4	55.5	66.6	77.7	88.8	99.9	111	122.1	133.2	144.3	155.4

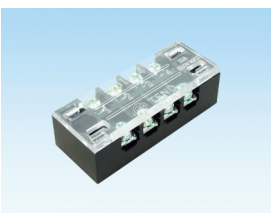
No. OF Poles	14	15	16	17	18	19	20	21	22	23	24	25	26
L	175.5	186.6	197.7	208.8	219.9	231	242.1	253.2	264.3	275.4	286.5	297.6	308.7
L1	166.5	177.6	188.7	199.8	210.9	222	233.1	244.2	255.3	266.4	277.5	288.6	299.7

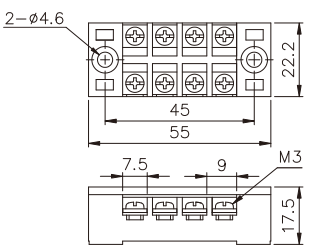
TB15-3



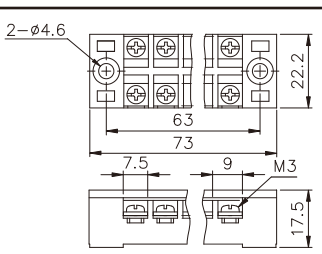


TB15-4

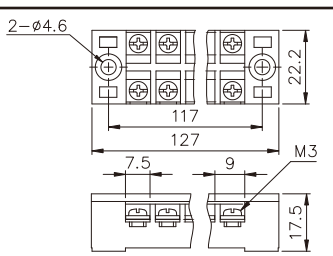




TB15-6



TB15-12



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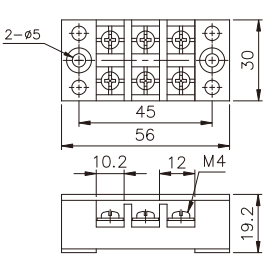

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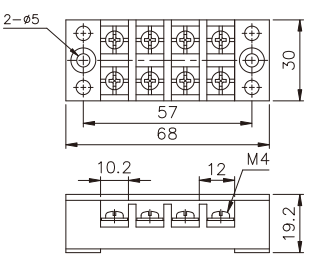

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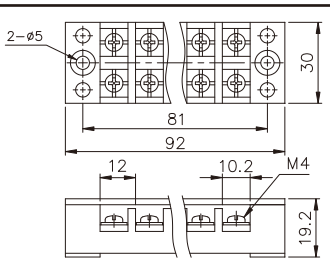

TB25-12