

Finger protection assembled terminal block TFPM and TTFPM Series

Standard type (1/2)

No. of pins	Type name	600V, 1.25mm ² [15A], M3×8±, raised type				General mass (g)	Type name	600V, 2mm ² [20A], M3.5×8±, raised type				General mass (g)
		A	B	C	D			A	B	C	D	
2	TFPM 15 02	38	B=42.5,			32	TFPM 20 02	40	B=42.5,			38
3	TFPM 15 03	45	C=36.5,			40	TFPM 20 03	48	C=37,			46
4	TFPM 15 04	52	D=6			48	TFPM 20 04	56	D=6.7			55
6	TFPM 15 06	66				64	TFPM 20 06	72				73
8	TFPM 15 08	80				80	TFPM 20 08	88				91
10	TFPM 15 10	94				97	TFPM 20 10	104				100
12	TFPM 15 12	108				113	TFPM 20 12	120				118
14	TFPM 15 14	122				129	TFPM 20 14	136				147
15	TFPM 15 15	129				137	TFPM 20 15	144				156
16	TFPM 15 16	136				146	TFPM 20 16	152				165
18	TFPM 15 18	150				162	TFPM 20 18	168				195
20	TFPM 15 20	164				178	TFPM 20 20	184				213
22	TFPM 15 22	178				194	TFPM 20 22	200				231
24	TFPM 15 24	192				201	TFPM 20 24	216				250
25	TFPM 15 25	199				210	TFPM 20 25	224				260
30	TFPM 15 30	234				253	TFPM 20 30	264				305

Remark: Body color is gray.



TFPM 20 06



TFPM 40 06

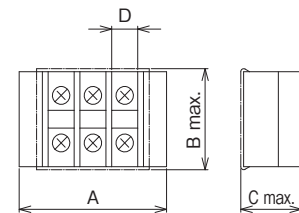
Standard type (2/2)

No. of pins	Type name	600V, 5.5mm ² [40A], M4×8.5±, raised type				General mass (g)	Type name	600V, 14mm ² [80A], M5×10±, raised type				General mass (g)
		A	B	C	D			A	B	C	D	
2	TFPM 40 02	46	B=47,			50	TFPM 80 02	56	B=64.5,			93
3	TFPM 40 03	57	C=39,			64	TFPM 80 03	70	C=48,			124
4	TFPM 40 04	68	D=9.7			78	TFPM 80 04	84	D=12.5			155
6	TFPM 40 06	90				106	TFPM 80 06	112				217
8	TFPM 40 08	112				134	TFPM 80 08	140				279
10	TFPM 40 10	134				164	TFPM 80 10	168				341
12	TFPM 40 12	156				194	TFPM 80 12	196				403
14	TFPM 40 14	178				224	TFPM 80 14	224				465
15	TFPM 40 15	189				240	TFPM 80 15	238				496
16	TFPM 40 16	200				255	TFPM 80 16	252				527
18	TFPM 40 18	222				285	TFPM 80 18	280				590
20	TFPM 40 20	244				315	TFPM 80 20	308				650
22	TFPM 40 22	266				345	TFPM 80 22	336				712
24	TFPM 40 24	288				375	TFPM 80 24	364				774
25	TFPM 40 25	299				390	TFPM 80 25	378				805
30	TFPM 40 30	354				465	TFPM 80 30	448				960

Remark: Body color is gray.



TFPM 80 06



Line-up

Clutch Lock Terminal Blocks

PLC Interface Terminal Blocks

Rail Type Terminal Blocks

Assembly Terminal Blocks

Special Purpose Terminal Blocks

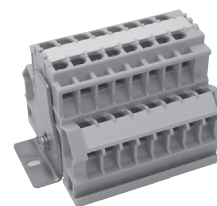
Terminal Block Accessories

Finger protection assembled terminal block

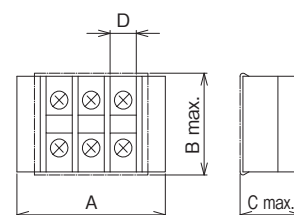
TTFPM and TTFPM Series

2-Layer type

No. of pins	Type name	600V, 2mm ² [20A], M3×8±, raised type				General mass (g)	600V, 2mm ² [20A], M3.5×8±, raised type				General mass (g)
		A	B	C	D		Type name	A	B	C	
2	TTFPM 203 02	52	B=69,		105	TTFPM 2035 02	52	B=69,		105	
3	TTFPM 203 03	60	C=60.5,		125	TTFPM 2035 03	60	C=60.5,		125	
4	TTFPM 203 04	68	D=6.7		145	TTFPM 2035 04	68	D=6.7		145	
6	TTFPM 203 06	84			185	TTFPM 2035 06	84			185	
8	TTFPM 203 08	100			225	TTFPM 2035 08	100			225	
10	TTFPM 203 10	116			245	TTFPM 2035 10	116			245	
12	TTFPM 203 12	132			285	TTFPM 2035 12	132			285	
14	TTFPM 203 14	148			325	TTFPM 2035 14	148			325	
15	TTFPM 203 15	156			366	TTFPM 2035 15	156			366	
16	TTFPM 203 16	164			386	TTFPM 2035 16	164			386	
18	TTFPM 203 18	180			427	TTFPM 2035 18	180			427	
20	TTFPM 203 20	196			468	TTFPM 2035 20	196			468	
22	TTFPM 203 22	212			510	TTFPM 2035 22	212			510	
24	TTFPM 203 24	228			552	TTFPM 2035 24	228			552	
25	TTFPM 203 25	236			572	TTFPM 2035 25	236			572	
30	TTFPM 203 30	276			672	TTFPM 2035 30	276			672	



TTFPM203 08



Remark: Body color is gray.

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		UL standard			c-UL-us standard		
			Applicable wire (AWG/MCM) ^{Note 1}		Rated current (A)	Applicable wire (AWG/MCM) ^{Note 1}		Rated current (A)	Applicable wire (AWG/MCM) ^{Note 1}	
			Single wire	Stranded wire		Single wire	Stranded wire			
TTFPM 15	600	15	20 to 16(0.5 to 1.5mm ²)	20 to 16(0.5 to 1.5mm ²)	10	20 to 16	20 to 16	2	10	20 to 16
TTFPM 20	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	1	20	20 to *14
TTFPM 20+	600	—	—	—	15	20 to 14	20 to 14	2	—	—
TTFPM 40	600	40	18 to 10(0.75 to 6mm ²)	18 to 10(0.75 to 6mm ²)	30	18 to 10	18 to 10	1	30	18 to *10
TTFPM 40+	600	—	—	—	25	18 to 12	18 to 12	2	—	—
TTFPM 80	600	60	16 to 8(1.5 to 10mm ²)	16 to 8(1.5 to 10mm ²)	65	16 to 10	16 to *6	1	65	16 to *6
		80								
TTFPM 80+	600	—	—	—	30	14 to 12	—	2	—	—
TTFPM 203	600	20	20 to 14(0.5 to 2.5mm ²)	20 to 14(0.5 to 2.5mm ²)	15	20 to 14	20 to 14	2	15	20 to 14
TTFPM 2035	600	20	20 to 14(0.5 to 2.5mm ²)	20 to 14(0.5 to 2.5mm ²)	15	20 to 14	20 to 14	2	15	20 to 14

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
- When FW2 is used in TTFPM20, TTFPM40 and TTFPM80, use the rating with (+) at the end of the type name.

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PLC Interface
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