



for a greener tomorrow

MMP-T32 SERIES

Motor Circuit Breaker

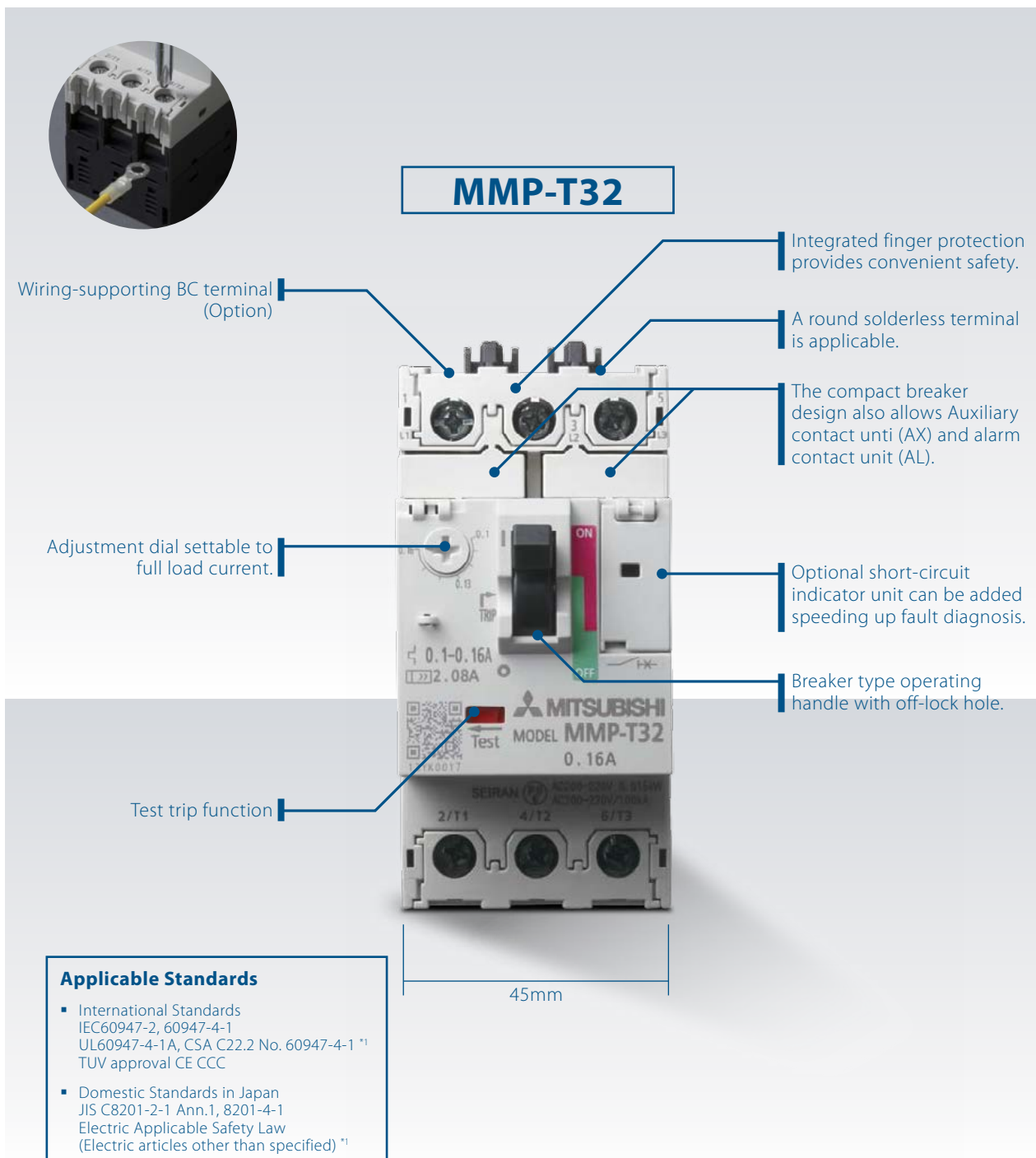


- Self-Protected Manual Motor Controller
- Reliable protection and superior performance
- Compact design
- Smart wiring
- Safety & Quality
- Global Standards

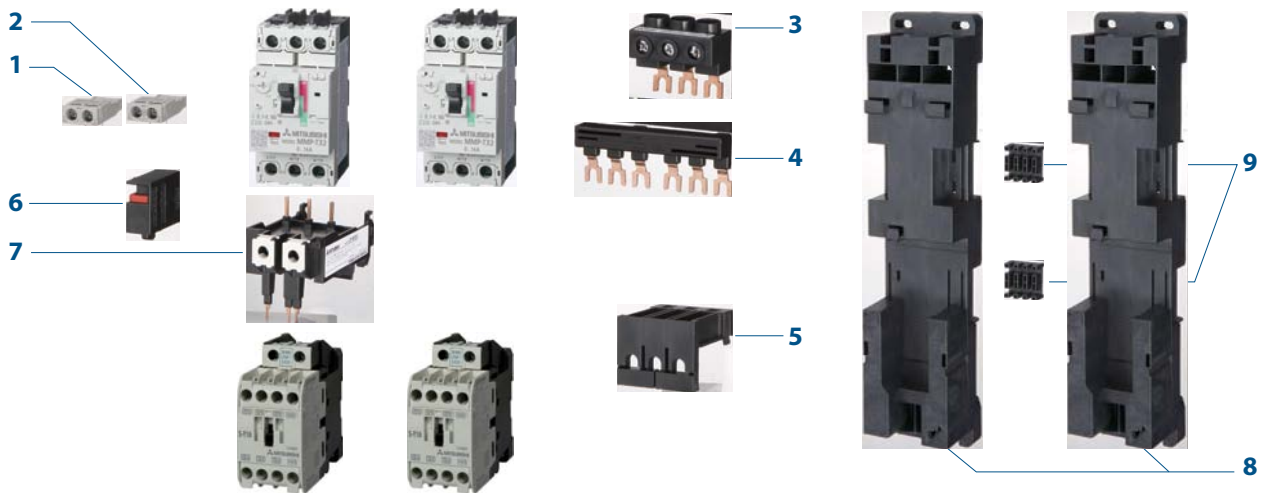
Advantages of adopting this device

MMP-T32 integrates low voltage circuit breakers and thermal overload relay functions. This device is capable of protecting the motor branch circuits from overload, phase-loss and short-circuit occurrences. The MMP-T32 enables more secure wiring and motor protection than standard open type starters

In addition to motor protection, integrating the Mitsubishi MS-T Series contactor provides a smaller footprint, and the combination motor controller will help eliminate wiring and save time in panel design.



Options List



NUMBER	MODEL	CODE	SPECIFICATION	DESCRIPTION	
1	UT-MAX 1A	288455	1a	Auxiliary contact unit with ON/OFF operation.	
	UT-MAX 1B	288456	1b		
	UT-MAXLL 1A	288457	1a		Auxiliary contact unit with ON/OFF operation. (for light load)
	UT-MAXLL 1B	288458	1b		
2	UT-MAL 1A	288451	1a	Alarm contact unit with trip operation.	
	UT-MAL 1B	288452	1b		
	UT-MALL 1A	288453	1a	Alarm contact unit with trip operation. (for light load)	
	UT-MALL 1B	288454	1b		
3	UT-EP3	288449		A unit to connect a large size electric wires to MMP-T32.	
4	UT-2B4	288445	45 mm	A unit to supply power to two or three MMP-T32	
			Twin type		
	UT-3B4	288446	45 mm		
			Trippel Type		
	UT-2B5	288447	57 mm		
			Twin type		
UT-3B5	288448	57 mm			
		Trippel Type			
5	UT-CV3	288450	For MMP-T32 to fulfill with UL60947-4-1A, Type E/F	Power supply-side terminal cover for UL60947-4-1A, Type E/F. Kit includes terminal adapter, terminal cover and 3 screws.	
6	UT-TU	288459	For MMP-T32 to fulfill with UL60947-4-1A, Type E/F	Unit has red indicator which shows only when the device is tripped due to short-circuit. This unit is required for UL60947-4-1A, Type E/F.	
7	UT-MT20	288460	For S-T10/T12/T20	Used to connect the MMP-T32 and Magnetic Contactor electrically and mechanically.	
	UT-MT32	288461	For S-T32		
	UT-MT20D	293623	For SD-T12/T20		
	UT-MT32D	293624	For SD-T32		
8	UT-BT20	288462	For UT-MT20	A plate to install the combination starter with MMP-T32 and Magnetic Contactor. Rail mounting and screw mounting are available.	
	UT-BT32	288463	For UT-MT32		
	UT-BT32D	293626	For UT-MT20D/MT32D		
9	UT-RT10	288464	For S-2xT10, SD-2xT10	Blocks for mechanical connection of two mounting base units.	
	UT-RT20	288465	For S-2xT12/20, SD-2xT12/20		
	UT-RT32	288466	For S-2xT32, SD-2xT32		

MMP-T32 series / Motor Circuit Breaker

Specifications

FRAME A	32	32					
TYPE NAME	MMP-T32	MMP-T32LF					
Standard	JIS C8201-2-1 Ann.1, JIS 8201-4-1, EN60947-2, EN60947-4-1, IEC60947-2, IEC60947-4-1, GB14048.2, UL60947-4-1A, CSAC22.2N0.60947-4-1	EN60947-2, EN60947-4-1, IEC60947-2, IEC60947-4-1, GB14048.2					
Number of poles	3						
Handle shape	Tumbler handle						
Rated current in [A]	0.1 to 32						
Rated operational voltage Ue [V]	200 to 690						
Rated frequency [Hz]	50/60						
Rated insulation voltage Ui [V]	690						
Rated impulse withstand voltage Uimp [kV]	6						
Rated short-circuit breaking capacity [kA]	Rated current Ie [A]	200/240 V	400/415 V	440/460 V	200/240 V	400/415 V	440/460 V
	Heater designation	Current setting range	Icu	Ics	Icu	Ics	Icu
JIS C8201-2-1 Ann.1 IEC60947-2	0.16	0.1-0.16	100	100	100	100	100
	0.25	0.16-0.25	100	100	100	100	100
	0.4	0.25-0.4	100	100	100	100	100
	0.63	0.4-0.63	100	100	100	100	100
	1	0.63-1	100	100	100	100	100
	1.6	1-1.6	100	100	100	100	100
	2.5	1.6-2.5	100	100	100	100	100
	4	2.5-4	100	100	100	100	100
	6.3	4-6.3	100	100	100	100	50 50
	8	5.5-8	100	100	50 38	100	100 15 15
	10	7-10	100	100	50 38	100	100 15 15
	13	9-13	100	100	50 38	100	15 7.5 8 4
	18	12-18	100	50 38	35 27	100	15 7.5 8 4
25	18-25	100	50 38	35 27	50	15 6 6 3	
32	24-32	100	50 38	35 27	50	10 5 6 3	
Selectivity category	JIS C8201-2-1 Ann.1 IEC60947-2	Cat.A					
Utilization category	JIS C8201-4-1 IEC60947-4-1	AC-3					
Trip class (JIS C8201-4-1, IEC60947-4-1)	10						
Instantaneous release current	13 x Maximum Ie						
Durability	Mechanical [times]	100,000					
	Electrical [times]	100,000					
Phase loss sensitive	Yes						
Trip display	Yes						
Test trip function	Yes						
Auxiliary contact unit	UT-MAX (1a or 1b) AC-12: 125 V/5 A, 250 V/3 A						
Alarm contact unit	UT-MAL (1a or 1b) DC-12: 125 V/0.4 A, 250 V/0.2 A						
Short-circuit indicator unit	UT-TU						
Weight [g]	330						

BREAKING CAPACITY AT 415 V	CURRENT SETTING RANGE	MODEL	CODE
100 KA	0.1-0.16 A	MMP-T32LF-0.16A	288426
100 KA	0.16-0.25 A	MMP-T32LF-0.25A	288427
100 KA	0.25-0.4 A	MMP-T32LF-0.4A	288428
100 KA	0.4-0.63 A	MMP-T32LF-0.63A	288429
100 KA	0.6-1 A	MMP-T32LF-1.0A	288430
100 KA	1-1.6 A	MMP-T32LF-1.6A	288431
100 KA	1.6-2.5 A	MMP-T32LF-2.5A	288432
100 KA	2.5-4 A	MMP-T32LF-4.0A	288433
100 KA	4-6.3 A	MMP-T32LF-6.3A	288434
100 KA	5.5-8 A	MMP-T32LF-8A	288435
100 KA	7-10 A	MMP-T32LF-10A	288436
15 KA	9-13 A	MMP-T32LF-13A	288437
15 KA	12-18 A	MMP-T32LF-18A	288438
15 KA	18-25 A	MMP-T32LF-25A	488439
10 KA	24-32 A	MMP-T32LF-32A	288440
100 KA	9-13 A	MMP-T32-13A	288441
50 KA	12-18 A	MMP-T32-18A	288442
50 KA	18-25 A	MMP-T32-25A	288443
50 KA	24-32 A	MMP-T32-32A	288444

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