



Environment	CMT-12~63
Standards	IEC/EN 60947-1, IEC/EN 60947-4-1
Certifications	CE, CSA, UL, CCC
Rated operation voltage	Max. 690V
Rated insulation voltage	690V
Rated frequency	50/60Hz
Degree of protection (Conforming to IEC 60 529)	IP 20
Ambient air temperature   Storage	-30 ~ +65°C
Ambient air temperature   Operation	-5 ~ +55°C (AC Type), -5 ~ +40° C
Mounting position	Vertical plane
Shock resistance (Conforming to IEC 68-2-7)	15gn - 11ms
Vibration resistance (Conforming to IEC 68-2-6)	6G
Insulation strength (Conforming to IEC 801-5)	6kV
Rated impulse withstand voltage (Conforming to IEC 801-5)	6kV
Auxiliary contacts characteristics	
Composition	1NO + 1NC
Rated thermal current Max	5A
Rated operation current UL 508	C600, R300
AC15 duty 120V	1.5A
(C600) 240V	0.75A
380V	0.47A
480V	0.375A
500V	0.35A
600V	0.3A
DC13 duty 120V	0.22A
(R300) 240V	0.1A
Connector Size	1mm <sup>2</sup> /18AWG
Connection to screw clamp terminals Type	65/75°C Cu-Wire

CMT-12 Overload Relay Setting Range (Amps)	
0.14	0.1 - 0.16
0.21	0.16 - 0.25
0.33	0.25 - 0.4
0.52	0.4 - 0.63
0.82	0.63 - 1
1.3	1 - 1.6
2.1	1.6 - 2.5
3.3	2.5 - 4
5	4 - 6
6.5	5 - 8
7.5	6 - 9
8.5	7 - 10
11	9 - 13
15	12 - 18

CMT-32 Overload Relay Setting Range (Amps)	
0.14	0.1 - 0.16
0.21	0.16 - 0.25
0.33	0.25 - 0.4
0.52	0.4 - 0.63
0.82	0.63 - 1
1.3	1 - 1.6
2.1	1.6 - 2.5
3.3	2.5 - 4
5	4 - 6
6.5	5 - 8
7.5	6 - 9
8.5	7 - 10
11	9 - 13
15	12 - 18
19	16 - 22
21.5	18 - 25
27	22 - 32
34	28 - 40
42	34 - 50
55	45 - 65

CMT-63 Overload Relay Setting Range (Amps)	
5	4 - 6
6.5	5 - 8
7.5	6 - 9
8.5	7 - 10
11	9 - 13
15	12 - 18
19	16 - 22
21.5	18 - 25
27	22 - 32
34	28 - 40
42	34 - 50
55	45 - 65

