

- Categorias de utilização: AC-1, AC-3 e AC-4
- De acordo com as normas IEC 60947-4-1 e EN 60947-4-1
- Modelos CA disponíveis com terminais para circuito impresso (PCI)
- Classes of service: AC-1, AC-3 and AC-4
- According to IEC 60947-4-1 and EN 60947-4-1
- AC types available with terminals for printed circuit (PCB)



Código de compra / How to order

CTM6 - H 5 - 3 10 - CI

Modelo / Model
CTM6, CTM9,
CTM12 ou / or CTM16

Tensão da bobina
Coil voltage

B - 24V
E - 110V
H - 220V

Frequência da tensão da bobina
Frequency of coil voltage

0 - CC / DC
5 - 50 / 60 Hz

Contatos auxiliares
Auxiliary contacts

10 - 1NA / 1NO
01 - 1NF / 1NC

Em branco / Nil - Montagem em trilho
DIN rail mounting

CI - Montagem em CI* / PCB mounting*



*Somente para modelos com bobina CA / Only for AC coil types

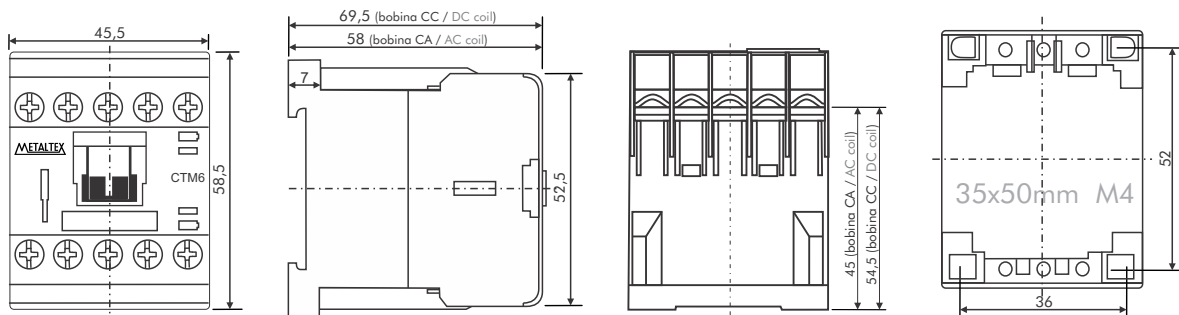
Especificações / Specifications

Modelos Models	Capacidade / Capacity AC3				AC1 Ith
	220~240V 3ø	380~440V 3ø	500~550V 3ø	690V 3ø	
CTM6	1,5KW / 7A	2,2KW / 6A	3KW / 5A	3KW / 4A	20A
CTM9	2,2KW / 9A	4KW / 9A	3,7KW / 6A	4KW / 5A	20A
CTM12	3KW / 12A	5,5KW / 12A	4KW / 7A	4KW / 5A	20A
CTM16	4KW / 15A	7,5KW / 16A	5,5KW / 9A	4KW / 5A	20A

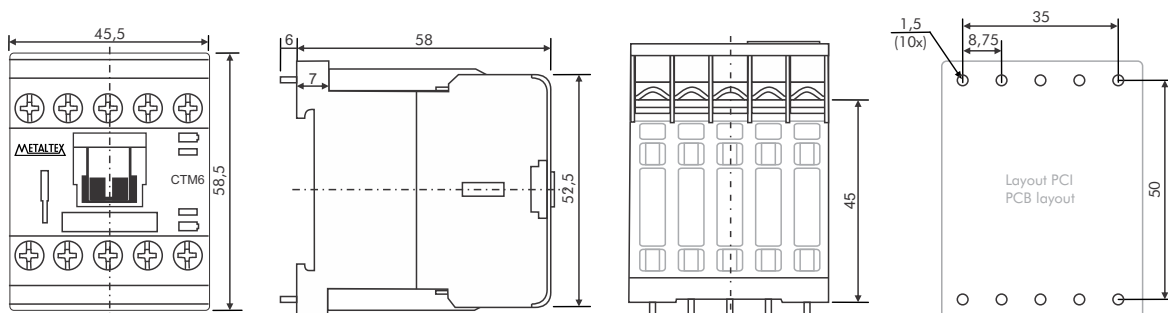
Vida elétrica / Electrical life		Ac3 - 10 ⁶ oper. AC4 - 200 x 10 ³ oper.	
Vida mecânica / Mechanical life		12 x 10 ⁶ oper.	
Ciclo de operações Operation cycles		AC3 - 1800 oper./h AC4 - 300 oper./h	
Consumo Consumption	CA / AC	Partida / Inrush (VA)	32
		Acionada / Sealed (VA)	6
	CC / DC	Partida / Inrush (W)	3
		Acionada / Sealed (W)	3

Dimensões / Dimensions (mm)

Montagem em trilho DIN / DIN rail mounting



Montagem em PCI / PCB mounting



Blocos de contatos auxiliares / Auxiliary contact blocks



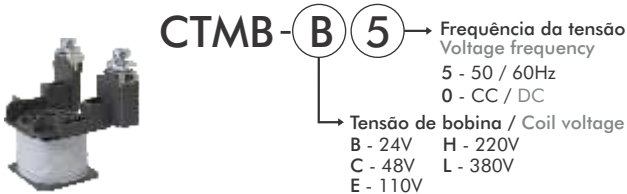
Tipo / Type	Arranjos dos contatos / Contact arrangements	Montagem / Mounting	Uso com Suitable for	Tamanho / Size (mm) (L x A x C) / (W x H x D)								
CTAL1-10M	1NA / 1NO	Lateral / Side	CTM6 ~ CTM16 e / and CX6	10 x 52 x 54								
CTAT2-□□ M	<table border="1"> <tr> <td>1 1</td> <td>:1NA+1NF / 1NO+1NC</td> <td>0 2</td> <td>:2NF / 2NC</td> </tr> <tr> <td>2 0</td> <td>:2NA / 2NO</td> <td></td> <td></td> </tr> </table>	1 1	:1NA+1NF / 1NO+1NC	0 2	:2NF / 2NC	2 0	:2NA / 2NO			Frontal / Top	CTM6 ~ CTM16 e / and CX6	36 x 32 x 39
1 1	:1NA+1NF / 1NO+1NC	0 2	:2NF / 2NC									
2 0	:2NA / 2NO											
CTAT4-□□ M	<table border="1"> <tr> <td>2 2</td> <td>:2NA+2NF / 2NO+2NC</td> <td>0 4</td> <td>:4NF / 4NC</td> </tr> <tr> <td>3 1</td> <td>:3NA+1NF / 3NO+1NC</td> <td>4 0</td> <td>:4NA / 4NO</td> </tr> </table>	2 2	:2NA+2NF / 2NO+2NC	0 4	:4NF / 4NC	3 1	:3NA+1NF / 3NO+1NC	4 0	:4NA / 4NO	Frontal / Top	CTM6 ~ CTM16 e / and CX6	36 x 32 x 39
2 2	:2NA+2NF / 2NO+2NC	0 4	:4NF / 4NC									
3 1	:3NA+1NF / 3NO+1NC	4 0	:4NA / 4NO									

Especificações dos contatos auxiliares / Auxiliary contact characteristics

Tensão de isolamento / Rated insulation voltage (Ui) IEC(V)	600																		
Tensão de operação nominal / Rated operational voltage (Ue) IEC(V)	600																		
Corrente térmica / Thermal current (Ith) (A)	16																		
Corrente de operação nominal / Rated operational current (A) EC 60947-5-1	<table border="1"> <tr> <td rowspan="6">AC-15</td> <td>120V</td> <td>6</td> </tr> <tr> <td>240V</td> <td>3</td> </tr> <tr> <td>380V</td> <td>1,9</td> </tr> <tr> <td>480V</td> <td>1,5</td> </tr> <tr> <td>500V</td> <td>1,4</td> </tr> <tr> <td>600V</td> <td>1,2</td> </tr> <tr> <td rowspan="2">DC-13</td> <td>125V</td> <td>1,1</td> </tr> <tr> <td>250V</td> <td>0,55</td> </tr> </table>	AC-15	120V	6	240V	3	380V	1,9	480V	1,5	500V	1,4	600V	1,2	DC-13	125V	1,1	250V	0,55
AC-15	120V		6																
	240V		3																
	380V		1,9																
	480V		1,5																
	500V		1,4																
	600V	1,2																	
DC-13	125V	1,1																	
	250V	0,55																	

Acessórios / Accessories

Bobinas / Coils



Intertravamento mecânico / Mechanical interlock



Modelo / Model	Uso com Suitable for
CTI-6/16M	CTM6 ~ CTM16

Relés térmicos / Thermal overload relays



RT12

Tensão de isolamento nominal / Insulation voltage (Ui)	IEC 690V
Faixa de corrente / Current set range	Veja tabela abaixo / See table below
Funções / Functions	Compensação da temperatura / Temperature compensation Função de teste / Test (STOP) function
Modo de reset / Reset mode	Automático, manual / Automatic, manual
Contatos / Contacts	1NA+1NF / 1NO+1NC
Faixa de compensação da temperatura / Temperature compensation range	-5~40°C
Classe de disparo / Trip class	10A
Dimensões (L x A x C) / Dimensions (W x H x D) (mm)	45 x 73,5 x 64

Modelos / Types

Modelo / Models	Faixa de corrente / Current range (A)	Uso com / Suitable for
RT12-1A	0,63 - 1	CTM6, CTM9, CTM12, CTM16, CX6
RT12-1.6A	1 - 1,6	CTM6, CTM9, CTM12, CTM16, CX6
RT12-2.5A	1,6 - 2,5	CTM6, CTM9, CTM12, CTM16, CX6
RT12-4A	2,5 - 4	CTM6, CTM9, CTM12, CTM16, CX6
RT12-6A	4 - 6	CTM6, CTM9, CTM12, CTM16, CX6
RT12-9A	6 - 9	CTM6, CTM9, CTM12, CTM16, CX6
RT12-10A	7 - 10	CTM6, CTM9, CTM12, CTM16, CX6
RT12-13A	9 - 13	CTM6, CTM9, CTM12, CTM16, CX6
RT12-16A	12 - 16	CTM6, CTM9, CTM12, CTM16, CX6