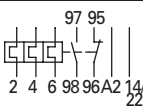
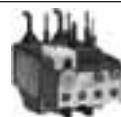
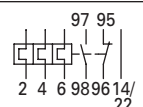
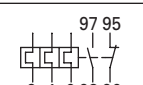
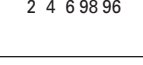
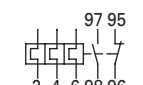
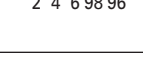
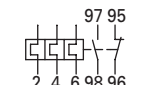
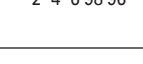
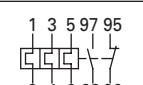
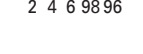


Product Selection

Table 125. Overload Relay

	Overload Releases, I _r	Contact Sequence	Contact Configuration	For Use with Contactor Amp Range	Short-Circuit Protection (A)				Catalog Number	Price U.S. \$
					Fuse		Maximum Circuit Breaker	CEC/NEC Fuse		
					Type 1 Coordination, gG/gL	Type 2 Coordination, gG/gL				
Frame B — Direct Mount										
	0.1 – 0.16		1NO-1NC	7 – 15A	25	0.5	25	3	XTOBP16BC1	75.00
	0.16 – 0.24		1NO-1NC	7 – 15A	25	1	25	3	XTOBP24BC1	75.00
	0.24 – 0.4		1NO-1NC	7 – 15A	25	2	25	3	XTOBP40BC1	75.00
	0.4 – 0.6		1NO-1NC	7 – 15A	25	4	25	3	XTOBP60BC1	75.00
	0.6 – 1		1NO-1NC	7 – 15A	25	4	25	3	XTOB001BC1	75.00
	1 – 1.6		1NO-1NC	7 – 15A	25	6	25	6	XTOB1P6BC1	75.00
	1.6 – 2.4		1NO-1NC	7 – 15A	25	10	25	6	XTOB2P4BC1	75.00
	2.4 – 4		1NO-1NC	7 – 15A	25	16	25	15	XTOB004BC1	75.00
	4 – 6		1NO-1NC	7 – 15A	25	20	25	20	XTOB006BC1	75.00
	6 – 10		1NO-1NC	7 – 15A	50	25	25	35	XTOB010BC1	75.00
	9 – 12		1NO-1NC	9 – 15A	50	25	25	45	XTOB012BC1	75.00
	12 – 16		1NO-1NC	12 – 15A	50	25	30	45	XTOB016BC1	84.50
Frame C — Direct Mount										
	0.1 – 0.16		1NO-1NC	18 – 32A	25	0.5	25	3	XTOBP16CC1	80.00
	0.16 – 0.24		1NO-1NC	18 – 32A	25	1	25	3	XTOBP24CC1	80.00
	0.24 – 0.4		1NO-1NC	18 – 32A	25	2	25	3	XTOBP40CC1	80.00
	0.4 – 0.6		1NO-1NC	18 – 32A	25	4	25	3	XTOBP60CC1	80.00
	0.6 – 1		1NO-1NC	18 – 32A	25	4	25	3	XTOB001CC1	80.00
	1 – 1.6		1NO-1NC	18 – 32A	25	6	25	6	XTOB1P6CC1	80.00
	1.6 – 2.4		1NO-1NC	18 – 32A	25	10	25	6	XTOB2P4CC1	80.00
	2.4 – 4		1NO-1NC	18 – 32A	25	16	25	15	XTOB004CC1	80.00
	4 – 6		1NO-1NC	18 – 32A	25	20	25	20	XTOB006CC1	80.00
	6 – 10		1NO-1NC	18 – 32A	50	25	25	25	XTOB010CC1	80.00
	10 – 16		1NO-1NC	18 – 32A	63	35	30	25	XTOB016CC1	80.00
	16 – 24		1NO-1NC	18 – 32A	100	35	30	25	XTOB024CC1	80.00
	24 – 32		1NO-1NC	25 – 32A	125	63	30	25	XTOB032CC1	94.00
Frame D — Direct Mount										
	6 – 10		1NO-1NC	40 – 65A	50	25	25	25	XTOB010DC1	102.00
	10 – 16		1NO-1NC	40 – 65A	63	35	25	25	XTOB016DC1	102.00
	16 – 24		1NO-1NC	40 – 65A	63	50	30	25	XTOB024DC1	120.00
	24 – 40		1NO-1NC	40 – 65A	125	63	125	125	XTOB040DC1	120.00
	40 – 57		1NO-1NC	50 – 65A	160	80	150	150	XTOB057DC1	135.00
	50 – 65		1NO-1NC	65A	160	100	150	200	XTOB065DC1	135.00
Frame F – G — Direct Mount										
	25 – 35		1NO-1NC	80 – 150A	125	100	125	125	XTOB035GC1	194.00
	35 – 50		1NO-1NC	80 – 150A	160	125	150	200	XTOB050GC1	194.00
	50 – 70		1NO-1NC	80 – 150A	250	160	150	200	XTOB070GC1	194.00
	70 – 100		1NO-1NC	80 – 150A	315	200	400	400	XTOB100GC1	194.00
	95 – 125		1NO-1NC	80 – 150A	315	250	500	400	XTOB125GC1	288.00
	120 – 150		1NO-1NC	80 – 150A	315	250	600	600	XTOB150GC1	288.00
Frame F – G — Separate Mount										
	25 – 35		1NO-1NC	80 – 150A	125	100	125	125	XTOB035GC1S	202.00
	35 – 50		1NO-1NC	80 – 150A	160	125	150	200	XTOB050GC1S	202.00
	50 – 70		1NO-1NC	80 – 150A	250	160	150	200	XTOB070GC1S	202.00
	70 – 100		1NO-1NC	80 – 150A	315	200	400	400	XTOB100GC1S	202.00
	95 – 125		1NO-1NC	80 – 150A	315	250	500	400	XTOB125GC1S	304.00
	120 – 150		1NO-1NC	80 – 150A	315	250	600	600	XTOB150GC1S	304.00
Frame L										
	50 – 70		1NO-1NC	185 – 250A	250	160	150	200	XTOB070LC1	426.00
	70 – 100		1NO-1NC	185 – 250A	315	200	400	400	XTOB100LC1	400.00
	95 – 125		1NO-1NC	185 – 250A	315	250	500	400	XTOB125LC1	400.00
	120 – 160		1NO-1NC	185 – 250A	400	250	600	600	XTOB160LC1	416.00
	160 – 220		1NO-1NC	185 – 250A	400 ①	315 ①	800	800	XTOB220LC1	416.00
	200 – 250		1NO-1NC	225 – 250A	400 ①	315 ①	600	700	XTOB250LC1	416.00

① For separate mounting, short circuit Type 1 rating is 500A and short circuit Type 2 rating is 400A.

Notes:

Short circuit protection: Observe the maximum permissible fuse of the contactor with direct device mounting. See MN03402001E for more information on overload relays for Frame B – G.

Trip Class: 10A

Suitable for protection of EEx e-motors. EC prototype test certificate available upon request.

Observe manuals MN03402001E and MN03407001E, see **Table 129**.

Technical Data **Page 98**
Dimensions **Page 100**
Discount Symbol **1CD7**