

Product Selection

Frame B

Overload Relay, Direct Mount—Frame B



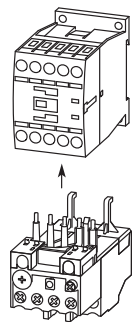
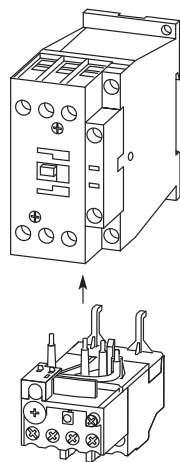
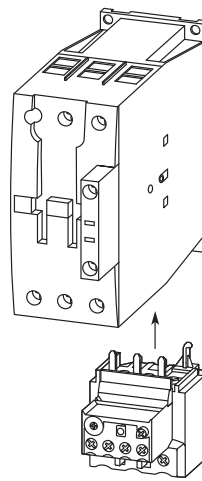
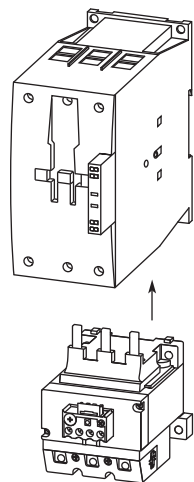
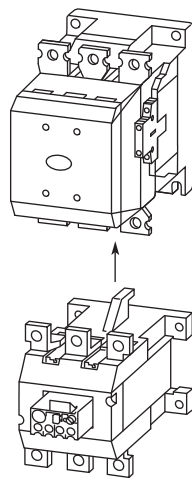
Overload Releases, I _r	Contact Sequence	Contact Configuration	For Use with Contactor Amp Range	Short-Circuit Protection (A)			CEC/NEC Fuse	Catalog Number
				Fuse Type 1 Coordination, gG/gL	Type 2 Coordination, gG/gL	Maximum Circuit Breaker		
0.1–0.16		1NO-1NC	7–15A	25	0.5	25	3	XTOBP16BC1
0.16–0.24		1NO-1NC	7–15A	25	1	25	3	XTOBP24BC1
0.24–0.4		1NO-1NC	7–15A	25	2	25	3	XTOBP40BC1
0.4–0.6		1NO-1NC	7–15A	25	4	25	3	XTOBP60BC1
0.6–1		1NO-1NC	7–15A	25	4	25	3	XTOB001BC1
1–1.6		1NO-1NC	7–15A	25	6	25	6	XTOB1P6BC1
1.6–2.4		1NO-1NC	7–15A	25	10	25	6	XTOB2P4BC1
2.4–4		1NO-1NC	7–15A	25	16	25	15	XTOB004BC1
4–6		1NO-1NC	7–15A	25	20	25	20	XTOB006BC1
6–10		1NO-1NC	7–15A	50	25	25	35	XTOB010BC1
9–12		1NO-1NC	9–15A	50	25	25	45	XTOB012BC1
12–16		1NO-1NC	12–15A	50	25	30	45	XTOB016BC1

Frame C

Overload Relay, Direct Mount—Frame C



Overload Releases, I _r	Contact Sequence	Contact Configuration	For Use with Contactor Amp Range	Short-Circuit Protection (A)			CEC/NEC Fuse	Catalog Number
				Fuse Type 1 Coordination, gG/gL	Type 2 Coordination, gG/gL	Maximum Circuit Breaker		
0.1–0.16		1NO-1NC	18–32A	25	0.5	25	3	XTOBP16CC1
0.16–0.24		1NO-1NC	18–32A	25	1	25	3	XTOBP24CC1
0.24–0.4		1NO-1NC	18–32A	25	2	25	3	XTOBP40CC1
0.4–0.6		1NO-1NC	18–32A	25	4	25	3	XTOBP60CC1
0.6–1		1NO-1NC	18–32A	25	4	25	3	XTOB001CC1
1–1.6		1NO-1NC	18–32A	25	6	25	6	XTOB1P6CC1
1.6–2.4		1NO-1NC	18–32A	25	10	25	6	XTOB2P4CC1
2.4–4		1NO-1NC	18–32A	25	16	25	15	XTOB004CC1
4–6		1NO-1NC	18–32A	25	20	25	20	XTOB006CC1
6–10		1NO-1NC	18–32A	50	25	25	25	XTOB010CC1
10–16		1NO-1NC	18–32A	63	35	30	25	XTOB016CC1
16–24		1NO-1NC	18–32A	100	35	30	25	XTOB024CC1
24–32		1NO-1NC	25–32A	125	63	30	25	XTOB032CC1

Overload Fitted Directly to the Contactor**Frame B (7–15A)****Frame C (18–32A)****Frame D (40–72A)****Frames F–G (80–170A)****Frame L (185–250A)**

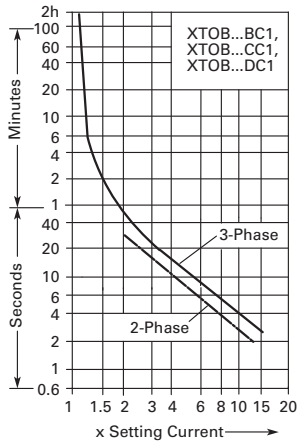
Tripping Characteristics

These tripping characteristics are the mean values of the spread at 20°C ambient temperature in a cold state.

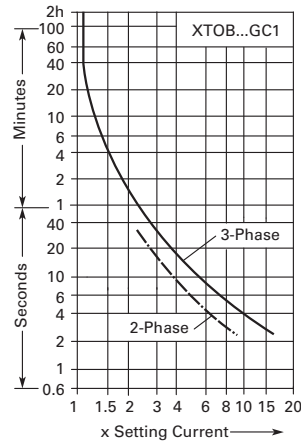
Tripping time depends on response current. With devices at operating temperature, the tripping time of the overload relay reduces to approximately

25% of the read off value. Specific characteristics for each individual setting range can be found in MN03402001E.

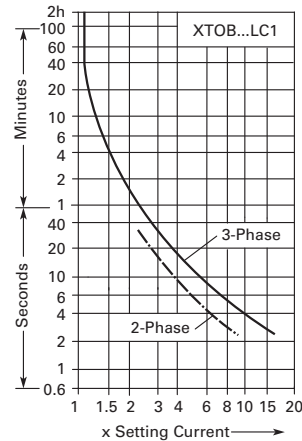
XTOB...BC1, XTOB...CC1, XTOB...DC1



XTOB...GC1



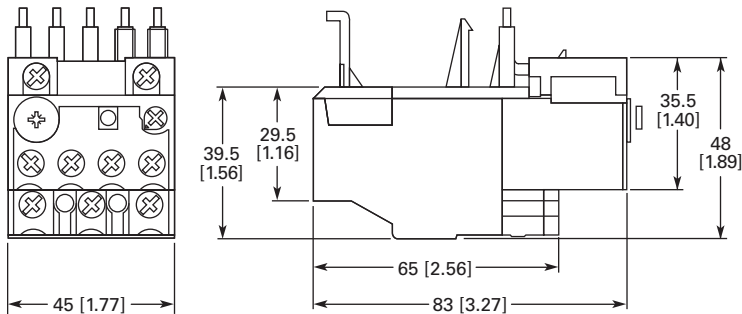
XTOB...LC1



Dimensions

Approximate Dimensions in mm [in]

Frames B-C, XTOB...BC1 and XTOB...CC1 Overload Relays



Frame D, XTOB...DC1 Overload Relay

