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Table 16-77. Auxiliary Contacts (Continued)

	Conventional Thermal Current, Open at 60°C I _{th} = I _e , AC-1 in Amps	Poles	Contact Configuration	Circuit Symbol	Pkg. Qty.	Screw Terminals	Spring Cage Terminals
						Catalog Number	Catalog Number
Frame B – C — Front (Top) Mount — Tall Version ②							
	16	2	2NO		5	XTCEXFATC20	—
	16	2	1NO-1NC		5	XTCEXFATC11	—
	16	2	2NC		5	XTCEXFATC02	—
	16	4	2NO-2NC		5	XTCEXFATC22	—
Frame C — Side Mount							
	10	2	1NO-1NC		1	XTCEXSCC11 ③	—
Frame D – G							
	16	2	2NO		5	XTCEXFBG20	—
	16	2	1NO-1NC		5	XTCEXFAG11	—
	16	2	1NO-1NC		5	XTCEXFBG11	—
	16	2	2NC		5	XTCEXFBG02	—
	16	4	4NO-0NC		5	XTCEXFBG40	XTCEXFBGC40
	16	4	3NO-1NC		5	XTCEXFBG31	XTCEXFBGC31
	16	4	2NO-2NC		5	XTCEXFBG22	XTCEXFBGC22
	16	4	2NO-2NC		5	XTCEXFAG22	XTCEXFAGC22
	16	4	1NO-3NC		5	XTCEXFBG13	XTCEXFBGC13
	16	4	0NO-4NC		5	XTCEXFBG04	XTCEXFBGC04
	16	4	1NO _E -1NC _L		5	XTCEXFBLG22 ①	XTCEXFBLC22 ①

① 1 early-make contact (1NO_E), 1 late-break contact (1NC_L).

② Front (Top) Mount Tall Version is for use with Frame B Electrical Wire Bridges and Link Kits and Toolless Plug Combination Connection Kits: XTCEXRLB, XTCEXSDLB, XTPAXTPCB, XTPAXTPCRB, XTPAX.

③ Can be mounted to the left side of contactor only. Cannot be used in combination with front (top) mount auxiliary contacts or mechanical interlocks.

Notes:

■ Interlocked opposing contacts, to IEC/EN 60947-5-1 Annex L (positively driven), within the auxiliary contact modules (not NO (early make) and NC (late break) contacts) and for the built-in auxiliary contacts of the XTCE007B... – XTCE032C....

■ Auxiliary break contact can be used as mirror contact to IEC/EN 60947-4-1 Annex F (not NC (late break) contact).

■ No auxiliary contacts can be fitted between two contactors.

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Table 16-78. Side Mount Auxiliary Contacts for Frame D – R, 40 – 2000A

	Conventional Free Air Thermal Current, I _{th} = I _e , AC-1 in Amps	Poles	Contact Configuration	Circuit Symbol	Pkg. Qty.	Screw Terminals	Spring Cage Terminals
						Catalog Number	Catalog Number
Frame D – R							
	10	2	1NO-1NC		1	XTCEXSN11	XTCEXSN11
	10	2	1NO _E -1NC _L		1	XTCEXSBLN11 ①	—
	10	2	1NO-1NC		1	XTCEXSCN11 ②	XTCEXSCN11 ②

- ① 1 early-make contact (1NO_E), 1 late-break contact (1NC_L).
- ② To maintain proper terminal marking, XTCEXSCN_ should not be used with Frame D contactors and only used with Frame F – G contactors in combination with XTCEXSN_.

Table 16-79. Auxiliary Contacts Possible Combinations

Frame Size	Catalog Number	Contactor	Built-In Auxiliary	Front (Top) Mount		Side Mount	Total Auxiliary Contacts Available
				2-Pole	4-Pole	2-Pole	
A	XTMC6A... – XTMC9A...		1NO or 1NC	1	—	—	3
				—	1	—	5
						—	—
B	XTCE007B... – XTCE015B...		1NO or 1NC	1	—	—	3
				—	1	—	5
						—	—
C	XTCE018C... – XTCE032C...		1NO or 1NC	1	—	—	3
				—	1	—	5
				—	—	1	3
							—
D	XTCE040D00_ – XTCE065D00_		—	1	—	2	6
				—	1	1	6
							—
F – G	XTCE080F00_ – XTCE150G00_		—	1	—	2	6
				—	1	2	8
				—	—	4	8
L – R	XTCE185L22_ – XTCE20R22_		2NO-2NC	—	—	2	8
				—	—		—

- Notes:**
- Forced operation contact to IEC/EN 60947-5-1 Appendix L (positively driven), inside the auxiliary contact unit (not early close and late opening).
 - Auxiliary normally closed contact can be used as mirror contact to IEC/EN 60947-4-1 Appendix F (not late opening).
 - No auxiliary contacts can be fitted between two contactors.

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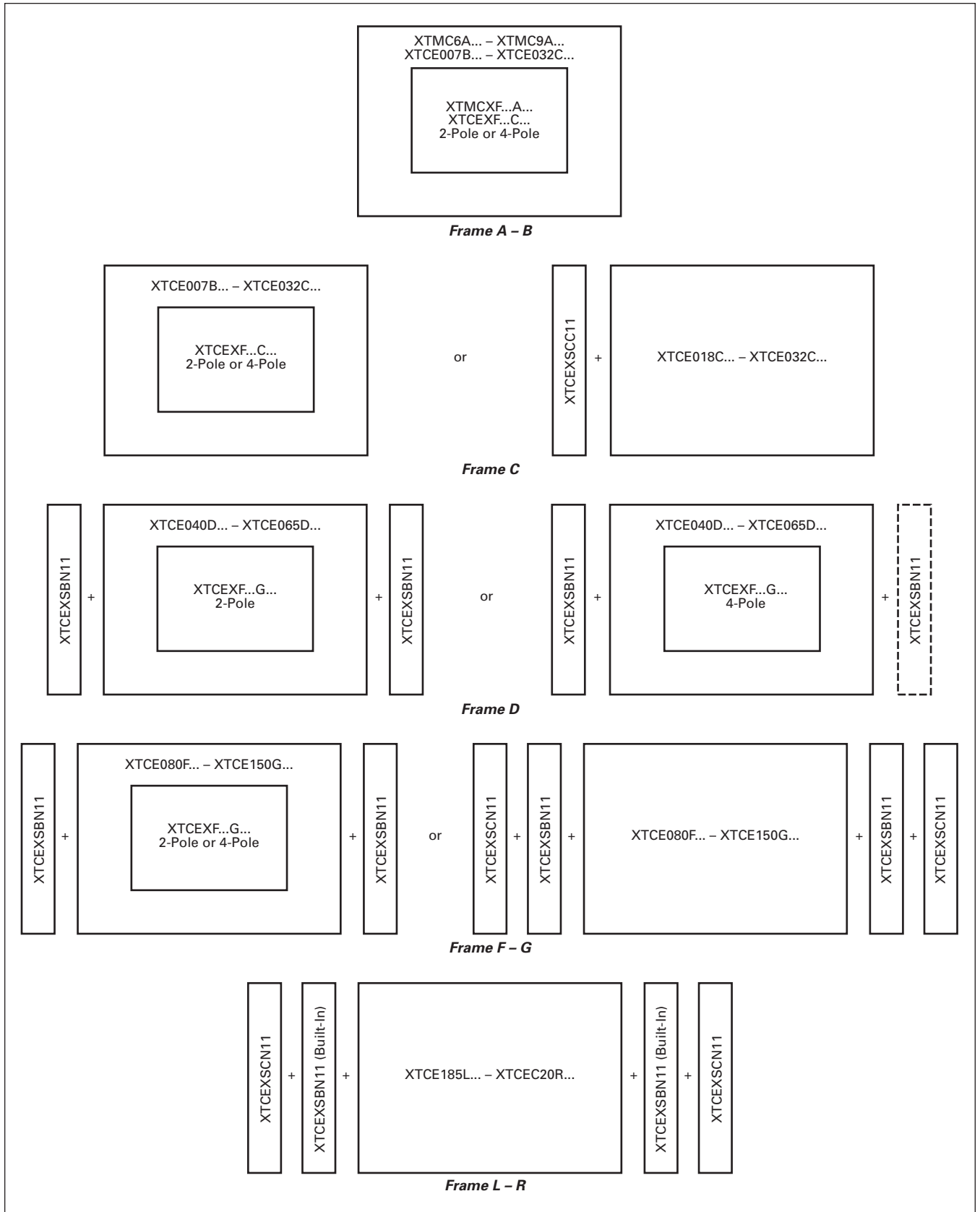


Figure 16-13. Auxiliary Contact Combinations