

# 2.2

## NEMA Contactors and Starters

### Space-Savings Series

2

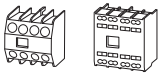
#### XTCEXF\_



#### NEMA Sizes 1-4 – Two-Pole

Conventional Thermal Current, Open at 60°C $I_{th} = I_e$ , AC-1 in Amps	Contact Configuration	Circuit Symbol	Pkg. Qty. ①	Screw Terminal Catalog Number
16	2NO		5	XTCEXFBG20
16	1NO-1NC		5	XTCEXFBG11
16	2NC		5	XTCEXFBG02

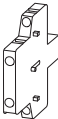
#### XTCEXF\_



#### NEMA Sizes 1-4 – Four-Pole

Conventional Thermal Current, Open at 60°C $I_{th} = I_e$ , AC-1 in Amps	Contact Configuration	Circuit Symbol	Pkg. Qty. ①	Screw Terminal Catalog Number
16	4NO-0NC		5	XTCEXFBG40
16	3NO-1NC		5	XTCEXFBG31
16	2NO-2NC		5	XTCEXFBG22
16	2NO-2NC		5	XTCEXFBG22
16	1NO-3NC		5	XTCEXFBG13

#### XTCEXS\_



#### NEMA Sizes 1-4, Side Mount (Snap-On) – Two-Pole

Conventional Free Air Thermal Current, $I_{th} = I_e$ , AC-1 in Amps	Contact Configuration	Circuit Symbol	Pkg. Qty. ①	Screw Terminal Catalog Number
10	1NO-1NC		1	XTCEXSBN11

#### XTCEXS\_



#### NEMA Size 5, Side Mount (Screw Mount) – Two-Pole

Conventional Free Air Thermal Current, $I_{th} = I_e$ , AC-1 in Amps	Contact Configuration	Circuit Symbol	Pkg. Qty. ①	Screw Terminal Catalog Number
10	1NO-1NC		1	XTCEXSBR11 ②







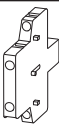






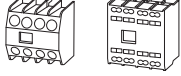







#### Notes

No auxiliary contacts can be fitted between two contactors.

① Orders must be placed in multiples of package quantity listed.

② For replacement only. XTCEXSBR11 and XTCEXSBLR11 cannot be added onto side mount auxiliaries that come with the Size 5 contactors as standard. To add auxiliaries onto the included side auxiliaries on Size 5 contactors, use XTCEXSCR11.

**Table 34-77. Auxiliary Contacts (Continued)**

	Conventional Thermal Current, Open at 60°C I <sub>th</sub> = I <sub>e</sub> , AC-1 in Amps	Poles	Contact Configuration	Circuit Symbol	Pkg. Qty.	Screw Terminals Catalog Number	Spring Cage Terminals Catalog Number	Price U.S. \$ ①
<b>Frame B – C — Front (Top) Mount — Tall Version ③</b>								
	16	2	2NO		5	XTCEXFATC20	—	
	16	2	1NO-1NC		5	XTCEXFATC11	—	
	16	2	2NC		5	XTCEXFATC02	—	
	16	4	2NO-2NC		5	XTCEXFATC22	—	
<b>Frame C — Side Mount</b>								
	10	2	1NO-1NC		1	XTCEXSCC11 ④	—	
<b>Frame D – G</b>								
	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 <sub>E</sub> -1NC <sub>L</sub>		5	XTCEXFBG22 ②	XTCEXFBG22 ②	

① Orders must be placed in multiples of package quantity listed.  
 ② 1 early-make contact (1NO<sub>E</sub>), 1 late-break contact (1NC<sub>L</sub>).  
 ③ Front (Top) Mount Tall Version is for use with Frame B Electrical Wire Bridges and Link Kits (see Page 34-57) and Toolless Plug Combination Connection Kits: XTCEXRLB, XTCEXSDLB, XTPAXTPCB, XTPAXTPCRB, XTPAX.

④ 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.