

Product Selection



Mini Control Relays

Table 34-3. Mini Control Relays

Conventional Thermal Current I_{th} (A)	Contact Configuration	Rated Operational Current AC-15 I_e (A)			Circuit Symbol	Screw Terminals	Spring Cage Terminals	Price U.S. \$	
		220 – 240V	380 – 415V	500V		Catalog Number ①	Catalog Number ①	AC Coil	DC Coil
10	4NO	6	3	1.5		XTRM10A40_	XTRMC10A40_		
10	3NO-1NC	6	3	1.5		XTRM10A31_	XTRMC10A31_		
10	2NO-2NC	6	3	1.5		XTRM10A22_	XTRMC10A22_		

① Underscore (_) indicates magnet coil suffix required. See **Table 34-5**.

Control Relays



Table 34-4. Control Relays

Conventional Thermal Current Open at 60°C I_{th} (A)	Contact Configuration	Rated Operational Current AC-15 I_e (A)			Circuit Symbol	Screw Terminals	Spring Cage Terminals	Price U.S. \$	
		220 – 240V	380 – 415V	500V		Catalog Number ②	Catalog Number ②	AC Coil	DC Coil
16	4NO	6	4	1.5		XTRE10B40_	XTREC10B40_		
16	3NO-1NC	6	4	1.5		XTRE10B31_	XTREC10B31_		
16	2NO-2NC	6	4	1.5		XTRE10B22_ ③	XTREC10B22_ ③		

② Underscore (_) indicates magnet coil suffix required. See **Table 34-5**.

③ DC operated control relays XTRE(C)10B22_ can only be combined with 2-pole auxiliary contacts.

Table 34-5. Coil Voltage Suffix

Coil Voltage	Suffix Code
110V 50 Hz, 120V 60 Hz	A
220V 50 Hz, 240V 60 Hz	B
230V 50 Hz	F
24V 50/60 Hz	T
24V DC	TD
415V 50 Hz, 480V 60 Hz	C
550V 50 Hz, 600V 60 Hz	D

Coil Voltage	Suffix Code
208V 60 Hz	E
190V 50 Hz, 220V 60 Hz	G
240V 50 Hz, 277V 60 Hz	H
380V 50 Hz, 440V 60 Hz	L
400V 50 Hz	N
380V 60 Hz	P
12V 50/60 Hz	R

Coil Voltage	Suffix Code
24V 50 Hz	U
42V 50 Hz, 48V 60 Hz	W
48V 50 Hz	Y
120V DC	AD
220V DC	BD
12V DC	RD
48V DC	WD

Notes:

- Orders must be placed in multiples of the package quantity listed.
- DC operated control relays have a built-in suppressor circuit.
- Contact terminal numbers to EN50011.
- Coil terminal numbers to EN50005.

Accessories **Page 34-5**
 Dimensions **Page 34-13**
 Discount Symbol **1CD7**

Accessories



Auxiliary Contacts

Table 34-6. Front Mount Auxiliary Contacts for Use with XTRM Mini Control Relays

Conventional thermal current, I _{th} Open (A)	Rated Operational Current AC-15 I _e (A)			Contact Configuration	Contact Sequence	Package Qty.	Screw Terminals	Spring Cage Terminals	Price U.S. \$ ^①
	220V 230V 240V	380V 400V 415V	500V				Catalog Number	Catalog Number	
10	4	2	1.5	2NC		5	XTMCXFA02	—	
10	4	2	1.5	1NO-1NC		5	XTMCXFA11	XTMCXFAC11	
10	4	2	1.5	2NO		5	XTMCXFA20	—	
10	4	2	1.5	1NO _E -1NC _L		5	XTMCXFAL11 ^②	—	
10	4	2	1.5	4NC		5	XTMCXFA04	XTMCXFAC04	
10	4	2	1.5	1NO-3NC		5	XTMCXFA13	XTMCXFAC13	
10	4	2	1.5	2NO-2NC		5	XTMCXFA22	XTMCXFAC22	
10	4	2	1.5	3NO-1NC		5	XTMCXFA31	XTMCXFAC31	
10	4	2	1.5	4NO		5	XTMCXFA40	XTMCXFAC40	
10	4	2	1.5	1NO-1NC 1NO _E -1NC _L		5	XTMCXFAL22 ^②	XTMCXFCLC22 ^②	

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

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