


## Field-installed modification kits

For 300-line starters

### Combination starter transformer kit


To be installed in CR307, CR308, and CR387 size 0-6 combination starter. It supplies low voltage control for such a device. Note: Control circuit fuse kits from page 1-123 may be used, but refer to footnote 2 on page 1-111 for information regarding sizing of fuses to meet National Electrical Code (NEC) requirements.

#### Standard capacity

	VA capacity	NEMA size	Product number
	50	0, 1	CR308XT1**A
	100	2	CR308XT2**A
	250	3	CR308XT3**A
	250	4	CR308XT4**A
	-	5	CR308XT5**A <sup>1</sup>


Transformer kit

#### Extra capacity (100 watts)

	VA capacity	NEMA size	Product number
	150	0, 1	CR308XT1**B
	150	2	CR308XT2**B
	300	3	CR308XT3**B
	300	4	CR308XT4**B
	-	5	CR308XT5**B <sup>2</sup>

Transformer kit

#### \*\*Voltage and frequency suffixes (60 hz)

	Suffix	
	04	220-230-240/440-460-480-volt dual primary reconnectable, 110-115-120 volt secondary
	05	550-575-600-volt primary, 110-115-120 volt secondary
	23	200-208-volt primary, 115-120 volt secondary

Transformer kit

## CR324 block overload relays for panel mounting

600 V AC/250 V DC, three-pole

### 135 Maximum amperes continuous

#### CR324 block overload relays

Current rating (amps)	NEMA size	Contact configuration	Manual reset		Automatic reset	
			Standard panel-mount	Ambient compensated panel-mount	Standard panel-mount	Ambient compensated panel-mount
			Product number CR324	Product number CR324	Product number CR324	Product number CR324
27	1	1NC	C310A	C610A	C310A1 <sup>1</sup>	C610A1 <sup>1</sup>
27	1	1NO-1NC	C360A	C660A	-	-
45	2	1NC	D310A	D610A	D310A1 <sup>1</sup>	D610A1 <sup>1</sup>
45	2	1NO-1NC	D360A	D660A	-	-
90	3	1NC	E310A	E610A	E310A1 <sup>1</sup>	E610A1 <sup>1</sup>
90	3	1NO-1NC	E360A	E660A	-	-
135	4	1NC	F310A	F610A	F310A1 <sup>1</sup>	F610A1 <sup>1</sup>
135	4	1NO-1NC	F360A	F660A	-	-

<sup>1</sup>For NO/NC (SPDT) contact forms, contact nearest ABB Representative.

#### Contact ratings

Continuous rating amperes	Make amperes	Recommended maximum interrupting capacity, amperes					
		DC circuits			AC circuits		
AC or DC		125 V	250 V	115 V	230 V	460 V	575 V
10	30	0.35	0.17	3	1.5	0.75	0.6

#### Accessories

##### External reset kit

Enclosure type	NEMA size	Reset distance (in.) behind panel	Product number
NEMA Type 1 NEMA Type 12	00-5	1 - 6	CR124X100C
NEMA Type 4/4X	00-5	1 - 6	CR124X100D

For single or block overload relays and 200-, 300- and 400-line starters.