

**New**

## Contactors, Thermal Overloads & Accessories

### Cross Reference Guide, Basic Ratings & List Prices

More Contactor Ratings & Accessories  
Improved Materials & Construction  
Mechanically & Electrically Matched  
International Approvals  
Easy Read User Manuals



### Mechanical Variants

6 x Contactor Frame Sizes	CC09/12	18	25	32	40/50/65	80
3 x Contactor Footprint Sizes	CC09/12/18		25/32		40/50/65/80	
3 x Thermal O/L Relay Sizes	CR09/12/18/25		32		40/50/65/80	

### Three Pole AC Contactors

Previous HR Range			New CC Range		List Price £
Type	(AC-3) kW @ 415V		Type *	AC-3 Rating / Aux Contacts / AC-1 Rating	Includes Coil
HR0910	(12A)	5.5	<b>CC0910</b>	12A / 1 x N/O / 25A	24.40
HR0901	(12A)	5.5	<b>CC0901</b>	12A / 1 x N/C / 25A	
HR1310	(16A)	7.5	<b>CC1210</b>	18A / 1 x N/O / 25A	25.70
HR1301	(16A)	7.5	<b>CC1201</b>	18A / 1 x N/C / 25A	
HR1710	(21A)	11	<b>CC1810</b>	25A / 1 x N/O / 32A	33.70
HR1701	(21A)	11	<b>CC1801</b>	25A / 1 x N/C / 32A	
HR2510	(30A)	15	<b>CC2510</b>	32A / 1 x N/O / 40A	49.90
HR2501	(30A)	15	<b>CC2501</b>	32A / 1 x N/C / 40A	
N/A		18.5	<b>CC3210</b>	40A / 1 x N/O / 50A	64.80
N/A		18.5	<b>CC3201</b>	40A / 1 x N/C / 50A	
HR40	(48A)	22	<b>CC4011</b>	50A / 1 x N/O, 1 x N/C / 60A	88.80
HR55	(55A)	30	<b>CC5011</b>	65A / 1 x N/O, 1 x N/C / 80A	115.80
N/A		37	<b>CC6511</b>	80A / 1 x N/O, 1 x N/C / 80A	124.50
N/A		55	<b>CC8011</b>	105A / 1 x N/O, 1 x N/C / 125A	149.90

### Contactor Coils

Previous HR Range	New CC Range		List Price £
Type	Type*		
IH13	<b>CX09-18</b>	fit 09 to 18 contactors	10.80
IH25	<b>CX25-32</b>	fit 25 to 32 contactors	13.70
	<b>CX40-80</b>	fit 40 to 80 contactors	21.30



**\* Note - Add required AC Voltage & Frequency to Contactor & Coil Type**

CC Range AC Coils	Voltages Available
Standard Dual 50/60Hz	24V, 48V, 110V, 230V, 400V, 440V
Special Dual 50/60Hz	120V, 220V, 240V, 380V, 415V
Special 60Hz Only	208V, 277V, 480V, 575V, 600V

### Mechanical Interlocks

Previous HR Range	New CC Range		List Price £
Type	Type		
I85 (Fitted all HR Contactors)	<b>CML09-32</b>	fit 09 to 32 contactors	5.20
	<b>CML40-65</b>	fit 40 to 65 contactors	7.90
	<b>CML80</b>	fit 80 contactors	7.90

### Add On Auxiliary Contact Blocks

Previous HR Range Type	New CC Range Front Mounting - N/O Contacts first digit, N/C second digit	List Price £
IR20 IR02 IR11	<b>CBF20</b> fit 09 to 80 contactors <b>CBF02</b> <b>CBF11</b>	<b>7.00</b>
IR22 IR13 N/A N/A	<b>CBF22</b> fit 09 to 80 contactors <b>CBF31</b> <b>CBF13</b> <b>CBF40</b> <b>CBF04</b>	<b>11.50</b>
N/A N/A	<b>CBF10</b> fit 40 to 80 contactors <b>CBF01</b>	<b>6.50</b>
	<b>Side Mounting - N/O Contacts first digit, N/C second digit</b>	
N/A N/A	<b>CBS20</b> fit 09 to 80 contactors <b>CBS11</b>	<b>9.00</b>
	<b>Pneumatic Timer Block – Front mounted</b>	
IT60I (60sec delay off)  IT60D (60sec delay on)	<b>CTD3</b> 3sec delay off <b>CTD30</b> 30sec delay off <b>CTD180</b> 180sec delay off <b>CTE3</b> 3sec delay on <b>CTE30</b> 30sec delay on <b>CTE180</b> 180sec delay on	<b>41.20</b>

### Thermal Overload Relays - Manual Reset Type CR

Previous HR Range Type (Amps Range)	New CC Range Type (Amps Range)	List Price £
RF25/0.23 (0.14 - 0.23A) RF25/0.33 (0.20 - 0.33A) RF25/0.50 (0.30 - 0.50A) RF25/0.75 (0.45 - 0.75A) RF25/1.0 (0.6 - 1.0A) RF25/1.5 (0.9 - 1.5A) RF25/2.3 (1.4 - 2.3A) RF25/3.3 (2.0 - 3.3A) RF25/5.0 (3.0 - 5.0A) RF27/7.5 (4.5 - 7.5A) RF25/10 (6 - 10A) RF25/15 (9 - 15A) RF25/23 (14 - 23A)	<b>CR09/0.25</b> (0.16 – 0.25A) fit 09-32 contactors <b>CR09/0.4</b> (0.25 – 0.4A) <b>CR09/0.63</b> (0.4 – 0.63A) <b>CR09/0.63</b> (0.4 – 0.63A) <b>CR09/1</b> (0.63 – 1A) <b>CR09/1.6</b> (1.0 – 1.6A) <b>CR09/2.5</b> (1.6 – 2.5A) <b>CR09/4</b> (2.5 – 4A) <b>CR09/6</b> (4.0 – 6A) <b>CR09/8</b> (5.5 – 8A) <b>CR09/10</b> (7.0 – 10A) <b>CR12/13</b> (10 – 13A) <b>CR16/18</b> (13 – 18A)	<b>27.00</b>
RF25/26 (17 - 26A)	<b>CR25/25</b> (18 – 25A) fit 09-32 contactor	<b>29.50</b>
N/A	<b>CR32/32</b> (23 – 32A) fit 25-32 contactor	<b>49.80</b>
N/A	<b>CR32/40</b> (28 – 40A) fit 25-32 contactor	
RF95/33 (20 - 33A) RF95/42 (28 - 42A)	<b>CR40/32</b> (23 – 32A) fit 40-65 contactor <b>CR40/40</b> (30 – 40A) fit 40-65 contactor	<b>68.60</b>
RF95/50 (35 - 50A) RF95/65 (46 - 65A)	<b>CR63/50</b> (38 – 50A) fit 40-65 contactor <b>CR63/57</b> (48 – 57A) fit 40-65 contactor	<b>71.40</b>
RF95/65 (46 - 65A)	<b>CR63/66</b> (57 – 66A) fit 40-65 contactor	<b>73.20</b>
RF95/82 (60 - 82A)	<b>CR80/80</b> (66 – 80A) Separate Mount 40-65 contactor	<b>74.20</b>
RF95/95 (70 - 95A)	<b>N/A</b> Use CRA80/93	<b>N/A</b>

### Thermal Overload Relay Mounting Brackets - Manual Reset Type CMB

Previous HR Range Type	New CC Range Type	List Price £
G230 (fitted RF25 overloads)	<b>CMB09-25</b> for relays CR09-25	<b>6.00</b>
	<b>CMB32</b> for relays CR32	<b>9.70</b>
G270 (fitted FR95 overloads)	<b>CMB40-80</b> for relays CR40-80	<b>22.40</b>

### Manual Overload Relay Mounting Start Contacts

Previous HR Range	New CC Range	List Price £
<b>Type</b> G244	<b>Type</b> CSC09-25B fits relays CR09-25 CSC32B fits relay CR32 only	3.40 3.40



### Thermal Overload Relays - Manual/Automatic Reset Type CRA

Previous HR Range	New CC Range	List Price £
Type (Amps Range)	Type (Amps Range)	
RFA25/0.23 (0.14 - 0.23A)	CRA09/0.25 (0.16 – 0.25A) fit 09-32 contactors	32.80
RFA25/0.33 (0.20 - 0.33A)	CRA09/0.4 (0.25 – 0.4A)	
RFA25/0.50 (0.30 - 0.50A)	CRA09/0.63 (0.4 – 0.63A)	
RFA25/0.75 (0.45 - 0.75A)	CRA09/0.63 (0.4 – 0.63A)	
RFA25/1.0 (0.6 - 1.0A)	CRA09/1 (0.63 – 1A)	
RFA25/1.5 (0.9 - 1.5A)	CRA09/1.6 (1.0 – 1.6A)	
RFA25/2.3 (1.4 - 2.3A)	CRA09/2.5 (1.6 – 2.5A)	
RFA25/3.3 (2.0 - 3.3A)	CRA09/4 (2.5 – 4A)	
RFA25/5.0 (3.0 - 5.0A)	CRA09/6 (4.0 – 6A)	
RFA27/7.5 (4.5 - 7.5A)	CRA09/8 (5.5 – 8A)	
RFA25/10 (6 - 10A)	CRA09/10 (7.0 – 10A)	
RFA25/15 (9 - 15A)	CRA12/13 (9 – 13A)	
RFA25/23 (14 - 23A)	CRA18/18 (12 – 18A)	
RFA25/26 (17 - 26A)	CRA25/25 (17 – 25A) fit 09-32 contactor	
N/A	CRA32/32 (23 – 32A) fit 25-32 contactor	55.60
N/A	CRA32/36 (28 – 36A) fit 25-32 contactor	
RFA95/33 (20 - 33A)	CRA40/32 (23 – 32A) fit 40-95 contactor	74.40
RFA95/42 (28 - 42A)	CRA40/40 (30 – 40A) fit 40-95 contactor	
RFA95/50 (35 - 50A)	CRA65/50 (37 – 50A) fit 40-95 contactor	77.20
RFA95/65 (46 - 65A)	CRA65/65 (48 – 65A) fit 40-95 contactor	
RFA95/65 (46 - 65A)	CRA65/70 (55 – 77A) fit 40-95 contactor	79.00
RFA95/82 (60 - 82A)	CRA80/80 (63 – 80A) fit 40-95 contactor	80.00
RF95/95 (70 - 95A)	CRA80/93 (80 - 93A) fit 40-95 contactor	86.68



### Thermal Overload Relay Mounting Brackets Man/Auto Reset Type CMBA

Previous HR Range	New CC Range	List Price £
<b>Type</b> G230 (fitted RFA25 overloads)	<b>Type</b> CMBA09-25 for relays CRA09-25 CMBA32 for relays CR32	6.00 9.70
G270 (fitted RFA95 overloads)	CMBA40-80 for relays CR40-80	22.40



### Four Pole Contactor Style Control Relays

Previous HR Range	New CC Range	List Price £
Type (AC-11)	Type * Contacts	
HX1022 (3A)	CCR22 2 x N/O & 2 x N/C	25.60
HX1031 (3A)	CCR31 3 x N/O & 1 x N/C	
HX1040 (3A)	CCR40 4 x N/O Only	

\* Note - Add required AC Voltage & Frequency to Contactor & Coil Type  
CBF/CBS Type Contactor Auxiliary Contact Blocks can be fitted

