

DURAKOOL Series CB (Closed) 80 Amps

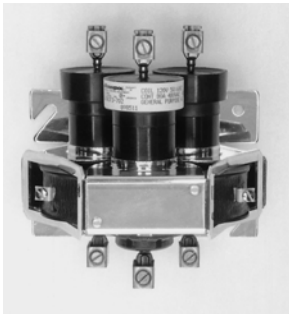
3 POLE

SPECIFICATIONS

These Durakool CF (normally open) and CB (normally closed) contactors are general-purpose rated at 80 Amps. Compression-lug connectors, top and bottom, provide easy installation.

"C" size Durakool contactors have mercury-to-tungsten contacts which can handle inductive, tungsten, motor and resistive loads. Tungsten's ability to resist arcing erosion greatly prolongs the life of the contactor.

| | | |
|-------------------------------|--|---------|
| Maximum Time: | Operate | Release |
| Normally Open: | 90 ms | 140 ms |
| Normally Closed: | 200 ms | 100 ms |
| Contact Bounce, Release: | Allowed on normally open models | |
| Recommended DC Load Polarity: | Top Connector Negative | |
| Load Connectors: | Pressure Connector #1-8 AWG Cu. | |
| Coil Terminals: | #6-32 Wire Binding Screw, Max. #12 AWG Cu. | |
| Breakdown Voltage: | 5000 VRMS/Min. Across Contacts | |



| TYPE/SERIES | Volts | CB (Normally Closed) | | | |
|-------------|---------|-------------------------|-------------------|-------|-------|
| | | Part Number | Typical Coil Data | | |
| DESCRIPTION | | | DC Ohms | Watts | Amps |
| 3 Pole | 24 | CB3-301 | 1.4 | 40.0 | 4.720 |
| | 120 | CB3-302 | 23 | 33.3 | 0.850 |
| | 208 | CB3-303 | 100 | 23.0 | 0.345 |
| | 240 | CB3-304 | 110 | 24.0 | 0.321 |
| | 277 | CB3-305 | 150 | 26.9 | 0.294 |
| | 480 | CB3-306 | 440 | 24.2 | 0.162 |
| | 12 (DC) | CB3-308 | 10 | 13.4 | 1.120 |
| | 24 (DC) | CB3-307 | 40 | 13.4 | 0.558 |

| ELECTRICAL RATINGS | GENERAL PURPOSE 0.7/0.8 UL Power Factor | | | | | | DC | | | Tungsten Lamp/60 Hz | AC MOTOR LOAD | | | |
|-------------------------|--|----|----|----|----|----|---------|-----|-----|------------------------|---------------|-----|---------|------|
| | Volts | | | | | | 1-48 | 120 | 240 | 120 | 1 Phase | | 3 Phase | |
| SERIES | 60 Hz Amps | | | | | | DC Amps | | | Amps | KW | Hp | Hp | Hp |
| CF 80 (Normally Open) | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 35 | 25 | 80 | 9.6 | 5.0 | 7.5 | 15.0 |
| CB 80 (Normally Closed) | 80 | 80 | 80 | 60 | 60 | 40 | 80 | 35 | 25 | 75 | 9.0 | 5.0 | 7.5 | 15.0 |

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