

GENERAL INFORMATION
C Series IEC Contactors and Overload Relays

Contactors

- Modern IEC design for long life
- Straight-through wiring
- Wide ambient temperature operating range
- Arc chute design increases contact life
- Overize 50% silver, 10% cadmium oxide contacts
- Electrical life - 1 million plus operations
- Mechanical life - 10 to 20 million plus operations
- Optional coil driver allows operation on DC control circuits
- Complete line of accessories
- World wide approvals



C06 - C80

- Guaranteed "finger safe" terminal design
- Captive, raised terminal screws reduce wiring time
- Coil
- Wide voltage range 60/50 Hz, Class F insulation:
 C06 - C20 (+10% to -20%)
 C50 - C80 (+10% to -25%)
- Completely enclosed in housing
- Inductive magnet design with ground faces, shading rings and rust resistant coating
- DIN Rail mounting mechanism allows easy installation or removal from DIN Rail
- Auxiliary contacts are furnished standard
 C06 through C16 = 1NO or 1NC
 C20 through C40 = 1NC + 1NC
 C50 through C80 = 2 NO + 2 NC

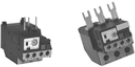


C95 - C320

- Easy contact inspection and replacement
- Coil
- Wide voltage range 60/50 Hz, Class F insulation to eliminate coil burnout (+10% to -20%)
- Completely enclosed in housing
- In-line design reduces overall size and costs
- Auxiliary contact furnished standard 2 NO + 2 NC
- Furnished with terminal bolts, washers and nuts
- Terminal lug kits available

Overload Relays

- Ambient compensated -20° to +60° C
- Differential single phasing protection for three phase operation
- Adjustable bi-metallic elements - no heaters
- Precision-factory calibrated and tested
- 1NO and 1NC electrically isolated alarm contacts
- Manual or automatic reset (field changeable)
- 3 Pole Overload Relay for 3 phase applications
- 2 Pole Overload Relay for 1 phase applications
- UL Class 10 operation
- High inertia start overloads available; consult factory
- "Reset" button - large and easy to operate
- "Stop" button - large easy to operate
- "Trip" indicator shows status of overload



RH6 - RH20 - RH80

- Direct mount to C06 - C80 contactors
- Independent mounting case available for RH20 to mount in panel or on DIN Rail
- Large terminal screws with captive self-lifting pressure plates



RH180

- Direct mount to C95 - C320 contactors
- Furnished with terminal bolts, washers and nuts
- Terminal lug kits available

International Approvals

ISO 9001

The manufacturing facilities of ACI are certified to ISO 9001. This certification guarantees ACI's quality systems and manufacturing processes are under documented control, verified by independent third party audits.



UL File Number: Contactors - E165477 Overloads - E211405