

HAMPTON

Hampton Controls

1-800-437-2664

www.hamptoncontrols.com

DURAKOOL Gold Label Series 50 Amps

Durakool Gold Label 35 and 50 Amp models (normally open) are economical, special purpose contactors developed to handle resistive loads over millions of switching cycles. They have been used successfully in commercial cooking equipment, plastics machinery, process heating controls, comfort heating and lighting control applications.

As in all Durakool contactors, the liquid contact action of mercury switching is far superior to conventional mechanical contactors, offering significantly longer life. Gold Label contactors operate dependably in harsh industrial/commercial environments without special protection and do not require sophisticated equipment for troubleshooting.

SPECIFICATIONS

| | | |
|-------------------------------|--|------------------|
| Maximum Time: | Operate 70 ms | Release 90 ms |
| Contact Bounce, Release: | None | |
| Recommended DC Load Polarity: | Top Connector Negative | |
| Load Connectors: | Pressure Connector #4-14 AWG Cu. | |
| Coil Terminals: | #6-32 Wire Binding Screw, Max. #12 AWG Cu. | |
| Breakdown Voltage: | 2000 VRMS/Min. Across Contacts | |



| TYPE/SERIES | | Gold Label (50 Amps) | | | | |
|------------------------|---------|-----------------------|-------------------|-------|-------|------|
| DESCRIPTION | Volts | Resistive Part Number | Typical Coil Data | | | |
| | | | DC Ohms | Watts | Amps | V.A. |
| 1 Pole (Normally Open) | 24 | I050A24AC | 40 | 2.74 | 0.229 | 5.50 |
| | 120 | I050A120AC | 902 | 3.57 | 0.056 | 6.72 |
| | 208 | I050A208AC | 3100 | 3.35 | 0.029 | 6.03 |
| | 240 | I050A240AC | 3700 | 3.02 | 0.024 | 5.76 |
| | 277 | I050A277AC | 5410 | 3.28 | 0.021 | 5.82 |
| | 480 | I050A480AC | 15000 | 3.42 | 0.012 | 5.76 |
| | 12 (DC) | I050A12DC | 40 | 3.47 | 0.288 | — |
| | 24 (DC) | I050A24DC | 230 | 2.50 | 0.104 | — |

| ELECTRICAL RATINGS | GENERAL PURPOSE 0.7/0.8 UL Power Factor | | | | | | DC | | | Tungsten Lamp/60 Hz | |
|------------------------|--|-----|-----|-----|-----|-----|---------|------|-----|---------------------|-----|
| | Volts | 120 | 208 | 240 | 277 | 480 | 600 | 1-48 | 120 | 240 | 120 |
| SERIES | 60 Hz AC Amps | | | | | | DC Amps | | | Amps | KW |
| GL 50A (Normally Open) | 35 | 50 | 50 | 50 | 50 | 50 | 50 | 25 | 15 | 50 | 6.0 |

HAMPTON

Hampton Controls

1-800-437-2664

www.hamptoncontrols.com

DURAKOOL Gold Label Series 50 Amps

