

American Electronic Components, Inc.

1101 Lafayette Street, Elkhart, IN 46516, Tel: (574) 295-6330, Fax: (574) 293-8013, sales@aecsensors.com

DURAKOOL Series DFC 150 Amps

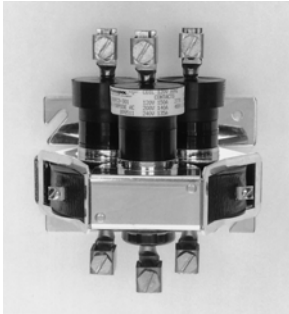
3 POLE

Because of their virtually silent operation, Durakool contactors are the right solution for power switching in theaters, hospitals, nursing homes, and other "quiet zone" applications.

The normally open DFC contactors are general purpose rated at 150 Amps. Their long-lasting mercury-to-tungsten contacts resist arcing erosion and can handle inductive, tungsten, and resistive loads.

SPECIFICATIONS

| | | |
|--------------------------------------|--------------------------------------------|--------------------------|
| Maximum Time: | Operate 90 ms | Release 140 ms |
| Contact Bounce, Release: | Allowed | |
| Recommended DC Load Polarity: | Top Connector Negative | |
| Load Connectors: | Pressure Connector #1/0-#2 AWG Cu. | |
| Coil Terminals: | #6-32 Wire Binding Screw, Max. #12 AWG Cu. | |
| Breakdown Voltage: | 5000 VRMS/Min. Across Contacts | |



| TYPE/SERIES | DFC 150 Amps | | | | |
|----------------------|--------------|-------------------|-------|-------|-------|
| DESCRIPTION | Part Number | Typical Coil Data | | | |
| Volts | | DC Ohms | Watts | Amps | |
| 3 Pole Normally Open | | 0.7 | 46.0 | 4.900 | |
| | 24 | DFC3-307 | 18 | 42.9 | 0.968 |
| | 120 | DFC3-301 | 50 | 35.2 | 0.482 |
| | 208 | DFC3-304 | 69 | 36.2 | 0.425 |
| | 240 | DFC3-303 | 110 | 32.5 | 0.330 |
| | 277 | DFC3-305 | 276 | 40.2 | 0.222 |
| | 480 | DFC3-306 | 10 | 13.3 | 1.113 |
| | 12 (DC) | DFC3-313 | 40 | 13.2 | 0.552 |
| | 24 (DC) | DFC3-310 | | | |

| 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 Amps | | | | | | DC Amps | | | Amps | KW |
| DFC 150 (Normally Open) | 150 | 140 | 135 | 130 | 120 | 120 | 150 | 70 | 50 | 120 | 14.4 |

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