

Fused Disconnect Switch

FDS-30-C-X



Wire Range

- #4 - 18 AWG

Electrical Ratings: For General Use

| Catalog No. | No. of Poles | Amps | Volts | SCCR | Wire Type | Fuse Class |
|-------------|--------------|------|--------------|--------|-------------------------------|------------|
| FDS-30-C-1 | 1 | 30 | 347AC/125 DC | 200 kA | 75°C CU Wire or Higher (CU75) | CC |
| FDS-30-C-2 | 2 | 30 | 600 AC | 200 kA | | |
| FDS-30-C-3 | 3 | 30 | 600 AC | 200 kA | | |

- Factory & Field Wiring
- Minimum Indicator Voltage - 90V-AC
- For use as a motor disconnect, see horsepower rating section below

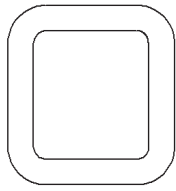
Agency Compliance

- cULus Listed file No. WHTY.E483215
 - UL 98 - Open type switches
 - CSA C22.2 No. 4 - enclosed and deadfront switches
- IEC 60529 degree of protection IP20

Material Information

- Insulator base:
 - Thermoplastic
 - Flammability rating of insulator base UL94 V-0
 - Insulator base temperature rating: -40°C to 130°C (UL RTI)
- Fuseclip & Busses - plated copper
- Spring & Screws - plated steel
- RoHS compliant

Termination Specifications

| Line Side | Wire Size (CU Stranded) | Torque | Wires/ Terminal | Wire Class (UL) |
|---|-------------------------|---------------------|-----------------|-----------------|
|  | #4 AWG | 18 lbf. in 2 N.m | 1 | B, C |
| | #6-18 AWG | 18 lbf. in 2 N.m | 1-2 | |

- Solid copper wire range: 10-18 AWG
- Wire Strip length: 1/2"
- Terminal screw drive: Pozidriv style Phillips-Slot

Horsepower Ratings - For Motor Disconnect Applications

| TYPE | 120Vac | | 240Vac | | 480Vac | | 600Vac | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 1 Phase | 3 Phase | 1 Phase | 3 Phase | 1 Phase | 3 Phase | 1 Phase | 3 Phase |
| FDS30C1 | 0.5 | - | - | - | - | - | - | - |
| FDS30C2 | - | - | 1.5 | - | - | - | - | - |
| FDS30C3 | - | - | - | 3 | - | 5 | - | 7.5 |

- For additional information on motor HP ratings at full load current, refer to UL table 50.1 in UL508A
- Max HP requires the use of Time-Delay fuses

Installation & Accessories

- Din-Rail mountable on (any) 35mm wide rail: MN35-2 (35 X 7.5mm, 2m long)
- End Brackets: MSK35
- Lock-out device: BRADY P/N 90850 (not available from MSP)
- Replacement Fuse Carrier: FDS Fuse Carrier CC

Drawings

