

## Fused Disconnect Switch

# FDS30CX



### Wire Range

- #4 - 18 AWG

### Electrical Ratings: For General Use

Catalog No.	No. of Poles	Amps	Volts	SCCR	Wire Type	Fuse Class
FDS30C1	1	30	347AC/125 DC	200 kA	75°C CU Wire or Higher (CU75)	CC
FDS30C2	2	30	600 AC	200 kA		
FDS30C3	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

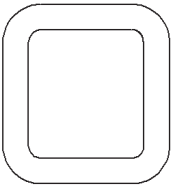
### Agency Compliance

- 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/Load Side	Wire Size (CU Stranded)	Torque	Wires/ Terminal	Wire Class (UL)
	#4-6 AWG	30 lbf. in 3.4 N.m	1	B, C
	#8-18 AWG	17.7 lbf. in 2 N.m	1-2	
	#4-18 AWG	17.7 lbf. in 2 N.m	1	Listed Ferrules
	#8-18 AWG	17.7 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**

