

Fused Disconnect Switch **FDS-30-J-x**

Wire Range

- #2 – 14 AWG



Electrical Ratings: For General Use

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

- Factory & Field Wiring
- Minimum Indicator Voltage - 90V-AC and 12V-DC
- For use as a motor disconnect, see horsepower rating section below

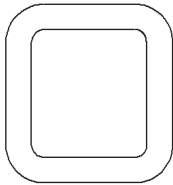
Agency Compliance

- cULus Listed file No. E483215
 - UL 98 - Open type switches
- IEC 60529 degree of protection IP20
- IEC 60947-7-3

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 Materials	Wire Type
	#2-8 AWG	40 lbf. In 4.5 N.m	CU/AL	Stranded
	(2) #6-14 AWG	40 lbf. In 4.5 N.m	CU	Stranded
	#10-14 AWG	25 lbf. in 2.8 N.m	CU	Solid

- Solid copper wire range: 10-14 AWG
- Wire Strip length: 16mm (5/8")
- Terminal screw drive: 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
FDS30J1	.5	-	-	-	-	-	-	-
FDS30J2	-	-	1.5	-	-	-	-	-
FDS30J3	-	-	-	3	-	7.5	-	10

- 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 J 30A

Drawings

