

Class J Fused Switch

UL 98 Fused Disconnect Switch

LOW VOLTAGE SWITCHES



The Mersen FS Series is a UL 98 Listed fused disconnect switch designed for branch circuit protection using any UL Listed Class J fuse. Engineered for performance and convenience, the FS Series delivers the high interrupting capacity of Class J fuses (200kA SCCR) in the same footprint of a fuse holder. It occupies less space than a standard fuse holder and traditional disconnect switch combination, enabling more streamlined panel designs and improved off-the-shelf distribution availability when time and convenience matter most. Available in 30A and 60A versions, the FS Series includes lockout/tagout (LOTO) capability and integrated LED fuse status indication.

Technical Data Overview	
FS30JX	
Volts	1 pole: 347AC/125 DC 2 and 3 pole: 600VAC
Amps	30A
Short Circuit Current Rating (SCCR)	200 kA AC/100 kA DC
Wire Type	75°C CU Wire or Higher (CU75)
Fuse Class	J
FS60JX	
Volts	1 pole: 347AC/125 DC 2 and 3 pole: 600VAC
Amps	60A
Short Circuit Current Rating (SCCR)	200 kA AC/100 kA DC
Wire Type	75°C CU Wire or Higher (CU75)
Fuse Class	J

FEATURES/BENEFITS

- Smaller footprint compared to a traditional Class J disconnect
- Accepts Class J 30A and 60A fuses for branch circuit protection
- 35mm DIN rail mounted
- Built-in lockout/tagout feature
- Integrated LED Fuse status indication
- 200kA SCCR rating
- 75°C CU Wire
- Minimum Indicator Voltage - 90V-AC and 12V-DC

APPLICATIONS

- Industrial control panels
- Data centers
- Main disconnects
- Motor branch circuit protection
- Fused Coordination Panels
- For use as a motor disconnect, see horsepower rating section below

APPROVALS/STANDARDS

- cULus Listed file No. WHTY. E191605
 - UL 98 - Open type switches
- IEC 60529 degree of protection IP20
- IEC 60947-7-3



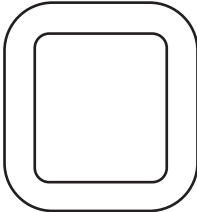
TERMINAL SPECIFICATIONS

- Wire range #2-14 AWG
- Solid copper wire range 10-14 AWG
- Wire strip length 5/8"
- Terminal screw driver: Philips – slot

- Dual wire rated for same-size wire. See table below.

FACTORY & FIELD WIRING

- Minimum Indicator Voltage - 90VAC

Line Side/Load Side	Wire Size (CU Stranded)	Torque	Wires Materials	Wire Type
	#2-14 AWG (2) #6-14 AWG	40 lbf. in 4.5 N.m	CU	Stranded
	#10-14 AWG (2) #10-14 AWG	25 lbf. in 2.8 N.m	CU	Solid

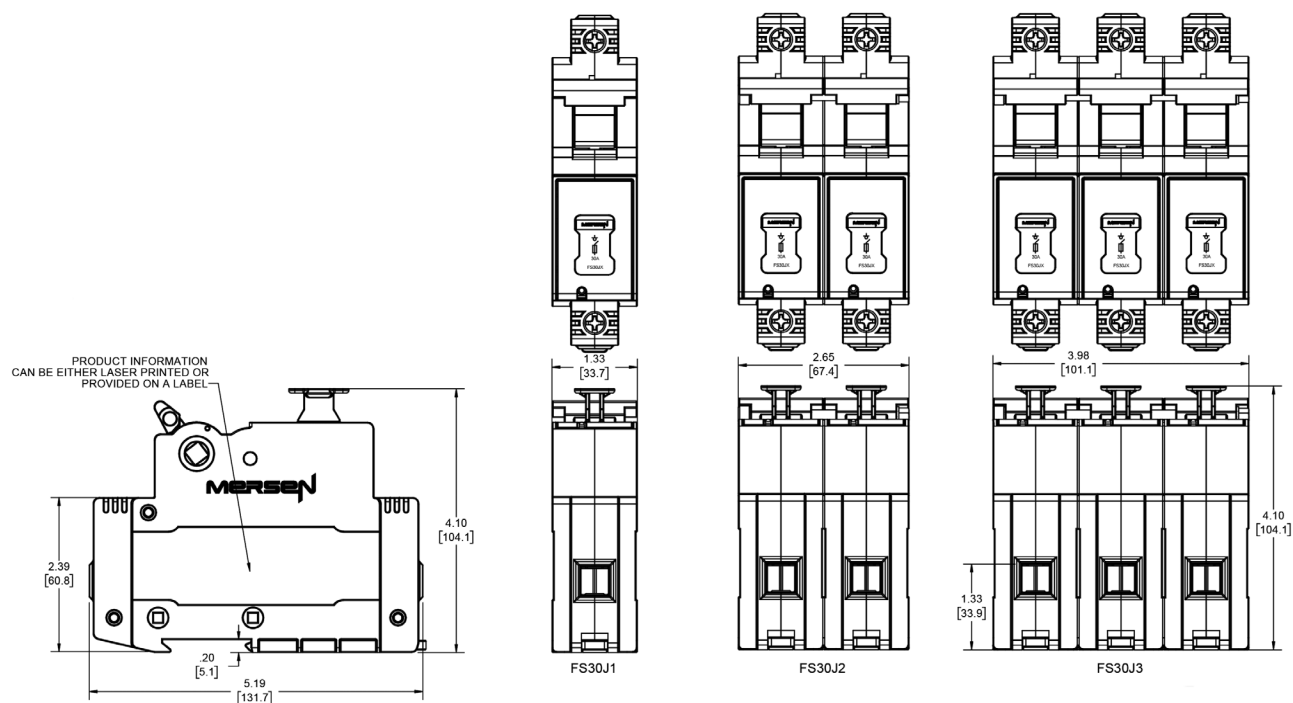
HORSE POWER RATINGS – FOR MOTOR DISCONNECT APPLICATIONS

Catalog Number	Type	120VAC		240VAC		480VAC		600VAC	
		1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase	1 Phase	3 Phase
FS30J1	1 pole 30A	1.5							
FS30J2	2 pole 30A			3					
FS30J3	3 pole 30A				5		10		15
FS60J1	1 pole 60A	3	-	-	-	-	-	-	-
FS60J2	2 pole 60A	-	-	7.5	-	-	-	-	-
FS60J3	3 pole 60A	-	-	-	7.5	-	20	-	15

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PRODUCT DIMENSIONS

FS30JX



FS60JX

