Solid State Auto Switch Tie-rod Mounting Style

D-F59/D-F5P/D-J59/D-J51 (



Refer to SMC website for the details of the products conforming to the international standards.

(Except D-J51)

Grommet



Auto Switch Specifications

PLC: Programmable Logic Controller D-F5□, D-J5□ (With indicator light) Auto switch model D-F59 D-F5P D-J59 D-J51 Wiring type 3-wire 2-wire Output type NPN PNP Applicable load IC circuit, Relay, PLC 24 VDC Relay, PLC AC Relay, PLC 5, 12, 24 VDC (4.5 to 28 VDC) Power supply voltage Current consumption 10 mA or less Load voltage 28 VDC or less 80 to 260 VAC 24 VDC (10 to 28 VDC) Load current 40 mA or less 80 mA or less 5 to 40 mA 5 to 80 mA 1.5 V or less (0.8 V or less at Internal voltage drop 0.8 V or less 4 V or less 14 V or less 10 mA load current) 0.8 mA or less 1 mA or less at 100 VAC Leakage current 100 uA or less at 24 VDC at 24 VDC 1.5 mA or less at 200 VAC Indicator light Red LED illuminates when turned ON. CE marking, RoHS Standard RoHS

Oilproof Heavy-duty Lead Wire Specifications

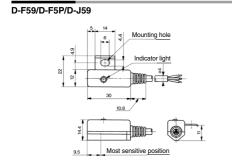
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Auto switch model		D-F59	D-F5P	D-J5			
Sheath	Outside diameter [mm]	ø4					
Insulator	Number of cores	3 cores (Brow	3 cores (Brown/Blue/Black)				
	Outside diameter [mm]	ø1.22					
Conductor	Effective area [mm²]	0.3					
	Strand diameter [mm]	ø0.08					
Minimum bending radius [mm] (Reference values)			24				

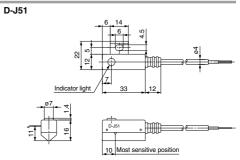
Note 1) Refer to page 1568 for solid state auto switch common specifications. Note 2) Refer to page 1568 for lead wire lengths.

Weight

Auto switch model		D-F59	D-F5P	D-J59	D-J51
	0.5 m (Nil)	23		21	
Lead wire length	3 m (L)	81		71	
	5 m (7)	407		444	

Dimensions (mm)





D-□

(g)