Solid State Auto Switch Rail Mounting Type

D-F7NV/D-F7PV/D-F7BV (E ROHS

Indicator light

Standard



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

Grommet **Electrical entry: Perpendicular**



Auto Switch Specifications

PLC: Programmable Logic Controller D-F7□V (With indicator light) D-F7NV D-F7PV Auto switch model D-F7BV Wiring type 3-wire 2-wire Output type NPN PNP 24 VDC Relay, PLC Applicable load IC circuit, 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 24 VDC (10 to 28 VDC) Load current 40 mA or less 80 mA or less 5 to 40 mA 1.5 V or less Internal voltage drop (0.8 V or less 0.8 V or less 4 V or less at 10 mA load current) Leakage current 100 μA or less at 24 VDC 0.8 mA or less at 24 VDC

Red LED illuminates when turned ON.

CE marking, RoHS

Oilproof Heavy-duty Lead Wire Specifications

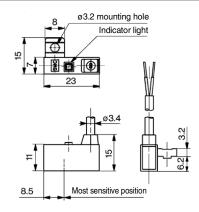
Auto switch model		D-F7NV	D-F7PV	D-F7BV
Sheath	Outside diameter [mm]	ø3.4		
Insulator	Number of cores	3 cores (Brown/Blue/Black)		2 cores (Brown/Blue)
	Outside diameter [mm]	ø1.1		
Conductor	Effective area [mm²]	0.2		
	Strand diameter [mm]	ø0.08		
Minimum bending radius [mm] (Reference values)		21		

Note 1) Refer to page 1584 for solid state auto switch common specifications. Note 2) Refer to page 1584 for lead wire lengths.

Weight

Auto switch model		D-F7NV	D-F7PV	D-F7BV
Lead wire length	0.5 m (Nil)	13		11
	3 m (L)	57		50
	5 m (Z)	92		81

Dimensions (mm)





(g)