Reed Auto Switch Band Mounting Type D-C73/D-C76/D-C80

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Grommet



Auto Switch Specifications

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

PLC: Programmable Logic Controller

D-C7 (With indicator light)						
Auto switch model	D-C73		D-C76			
Applicable load	Relay, PLC		IC circuit			
Load voltage	24 VDC(4)	100 VAC	4 to 8 VDC			
Max. load current and range (3)	5 to 40 mA	5 to 20 mA	20 mA			
Circuit diagram*	3 5					
Contact protection circuit	None					
Internal voltage drop	2.4 V or less		0.8 V or less			
Indicator light	Red LED illuminates when turned ON.					
Standard	CE marking					
D-C8 (Without indicator light)						
Auto switch model	D-C80					
Applicable load	Relay, PLC, IC circuit					
Load voltage	24 V AC or less	48 V AC	100 V AC			
Max. load current	50 mA	40 mA	20 mA			
Circuit diagram*	4					
Contact protection circuit	None					
Internal resistance	1 Ω or less (Including lead wire length of 3 m)					
Standard	CE marking					

Oilproof Heavy-duty Lead Wire Specifications

Christian, and Essential Christian							
Auto switch model		D-C73	D-C76	D-C80			
Sheath	Outside diameter [mm]	ø3.4					
Insulator	Number of cores	2 cores (Brown/Blue)	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					
Lead wire minimum bending radius [mm] (Reference values)		21					

^{*} Refer to the circuit diagram no. on page 1587.

Note 3) Under 5 mA, the strength of the indicator light is poor. In some cases, visibility of the indicator light will not be possible where the output signal is less than 2.5 mA. However, there is no problem in terms of contact output, when an output signal exceeds 1 mA or more.

Note 4) The auto switches can operate at 12 VDC, but consider the internal voltage drop of the auto switch described in Reed Auto Switch Precautions on page 12.

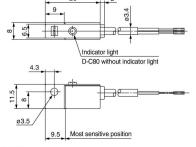
Weight

(g)

Auto swit	tch model	D-C73	D-C76	D-C80
Lead wire length	0.5 m (Nil)	9	10	9
	3 m (L)	46	50	46
	5 m (Z)	76	_	_

Dimensions

(mm)



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Note 1) Refer to page 1584 for reed auto switch common specifications.

Note 2) Refer to page 1584 for lead wire lengths.