# **Reed Auto Switch Rail Mounting Type D-A73C/D-A80C**

## Connector



### **∧**Caution

#### **Precautions**

- 1. Confirm that the connector is appropriately tightened. If tightened insufficiently, the waterproof performance will deteriorate.
- 2. Refer to page 1679 for the details.

## **Auto Switch Specifications**

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

	PLC: Programmable Logic Controller			
D-A73C (With indicator light)				
Auto switch model	D-A73C			
Applicable load	Relay, PLC			
Load voltage	24 VDC (5)			
Load current range (4)	ent range <sup>(4)</sup> 5 to 40 mA			
Circuit diagram*	3			
Contact protection circuit	None			
Internal voltage drop	2.4 V or less			
Indicator light	Red LED illuminates when turned ON.			
Standard	CE marking			
D-A80C (Without indicator light)				
Auto switch model	odel D-A80C			
Applicable load	cable load Relay, IC circuit, PLC			
Load voltage	d voltage 24 V <sup>AC</sup> <sub>DC</sub>			
Maximum load current	ximum load current 50 mA			
Circuit diagram*	it diagram*			
Contact protection circuit	None			
Internal resistance	1 $\Omega$ or less (Including lead wire length of 3 m)			
Standard	CE marking			

<sup>\*</sup> Refer to the circuit diagram no. on page 1587.

Note 4) 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

Note 5) 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.

# Lead wires with a connector indication

Part No. of Lead Wires with Connectors

(Applicable only for connector type)		
Model	Lead wire length	
D-LC05	0.5 m	
D-LC30	3 m	
D-LC50	5 m	

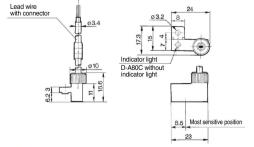
# Weight

(g)

Auto switch model		D-A73C	D-A80C
	0.5 m ( <b>Nil</b> )	12	12
Lead wire length	3 m ( <b>L</b> )	54	54
	5 m ( <b>Z</b> )	84	84

#### **Dimensions**

(mm)





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

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

Note 3) Lead wire with connector may be shipped with the auto switch.