

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



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

## Connector



## Caution

### Precautions

1. Do not drop or bump the auto switch while handling it as it may result in the auto switch breaking.
2. Confirm that the connector is appropriately tightened. If tightened insufficiently, the waterproof performance will deteriorate.
3. Refer to page 1679 for the details.

## Auto Switch Specifications

PLC: Programmable Logic Controller

D-A73C (With indicator light)	
Auto switch model	<b>D-A73C</b>
Applicable load	Relay, PLC
Load voltage	24 VDC <sup>(5)</sup>
Load current range <sup>(4)</sup>	5 to 40 mA
Internal circuit*	③
Contact protection circuit	None
Internal voltage drop	2.4 V or less
Indicator light	Red LED illuminates when turned ON.
Standard	CE marking (EMC directive/RoHS directive)
D-A80C (Without indicator light)	
Auto switch model	<b>D-A80C</b>
Applicable load	Relay, IC circuit, PLC
Load voltage	24 V <sup>AC</sup> <sub>DC</sub>
Maximum load current	50 mA
Internal circuit*	④
Contact protection circuit	None
Internal resistance	1 Ω or less (Including lead wire length of 3 m)
Standard	CE marking (EMC directive/RoHS directive)

\* Refer to the applicable internal circuit diagram (numbers ① to ⑦) on page 1587.

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.

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 more.

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.

## Weight

(g)

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

### 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

## Dimensions

(mm)

