Reed Auto Switch
Band Mounting Type
D-C73C/D-C80C

CE

⚠Caution
Precautions

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

Auto Switch Specifications

PLC: Programmable Logic Controller

D-C73C (With indicator light)

Auto switch model	D-C73C
Applicable load	Relay, PLC
Load voltage	24 VDC [5]
Load current range [4]	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-C80C (Without indicator light)

Auto switch model	D-C80C
Applicable load	Relay, PLC
Load voltage	24 V$^{AC}_{DC}$ or less
Maximum load current	50 mA
Circuit diagram∗	④
Contact protection circuit	None
Internal resistance	1 Ω or less (Including lead wire length of 3 m)
Standard	CE marking

∗ Refer to the circuit diagram no. 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 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-C73C	D-C80C
Lead wire length	0.5 m (**Nil**)	14	14
	3 m (**L**)	53	53
	5 m (**Z**)	83	83

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)

Lead wire with connector
Indicator light
D-C80C without indicator light
Most sensitive position

D-□