

ID Controller V720-CD1D



V720-CD1D

■ Product Description

OMRON's ID Controller features single access (1 to 1), multiple access (1 to n), selective access, and FIFO queue functions to suit a wide range of applications. The host interface uses command/response communications via RS-232C, so existing bar code systems can be quickly replaced with an RFID system.

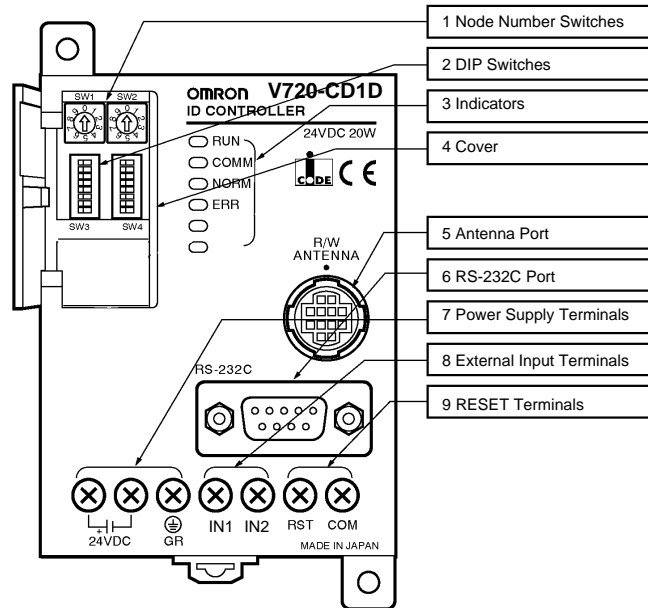
■ Features

- Equipped with single access (1 to 1), multiple access (1 to n), selective access, and FIFO queue functions.
- General-purpose RS-232C command/response interface for host.
- CE Marking (ETS 300 683) and FCC Part 15, Subpart B standards obtained.
- Controls a wide range of antennas, from Standard Antennas to Large Antennas.

■ Benefits

- Small and easy to install.
- General-purpose interface for easy connection to a host system.

Dimensions of the ID Controller



■ General Specifications

Item	Specifications
Supply voltage	24 VDC +10%/-15%
Power consumption	20 W max. including the power consumption of the Antenna
Insulation resistance	20 MΩ min. (at 100 VDC) between the ground and both power supply terminals, both power supply terminals and both I/O terminals, both power supply terminals and casing, both I/O terminals and ground, both I/O terminals and casing, and ground terminal and casing
Dielectric strength	500 VAC (50/60 Hz) for 1 minute in any of the above combinations
Vibration resistance	Destruction: 10 to 150 Hz, 0.2-mm double amplitude at 1.5 m/s ² in X, Y, and Z directions four times each for 8 minutes
Shock resistance	Destruction: 150 m/s ² in X, Y, and Z directions 3 times each
Ambient temperature in operation	-10 to 55°C (with no icing)
Ambient humidity in operation	35% to 85% (with no condensation)
Ambient temperature in storage	-25 to 65°C (with no icing)
Ground	Ground at a resistance of less than 100 Ω
Protection	Panel-mounting
Material	PC/ASA resin
Weight	Approx. 290 g
Number of connectable Antennas	1
Applicable standards	ETS 300 683, FCC Part 15 Subpart B
Dimensions	H 100 mm x W 66 mm x L 75 mm

Cat. No. RF503-E1-1 In the interest of product improvement, specifications are subject to change without notice.

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