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CMC10L

Communication Controller
RS-232C/RS-485 Converter

The CMC10L Communication Controller converts RS-232C communications to RS-485 communications.

The RS-232C port of a host computer is converted to an RS-485 port, allowing the connection of a maximum of 31 digital indicating controllers. A coupling mount is possible with a module type DMC10 controller.

CONVERTERS

Specifications

Communi-cations	RS-232C/485 common	Transmission mode	Half duplex
		Synchronization	Start/stop synchronization
		Transmission speed	38400/19200/9600/4800/2400/1200/600/300bps
		Frame length	9 to 15 bits
	RS-232C	Transmission line system	Non-equilibrium type
		Transmission distance	15m max.
		Connection type	1:1
	RS-485	Transmission line system	Equilibrium type (RS-485 equivalent, 3-wire type)
		Transmission distance	500m max.
		Connection type	1:N (31 units max.), bus line connection
General	Rated power (when 24Vdc terminals are used)		24Vdc
	Rated power (when AC adapter is used)		100Vac (50/60Hz)
	Power consumption		2.0W (under operating conditions)
	Ambient temperature		0 to 50°C
	Ambient humidity		30 to 90% RH
	Mounting		Screen & DIN rail mounting
	Mass		Approx. 150g

Selection Guide

Model No.	Description
CMC10L001A000	RS-232C/RS-485 converter

Accessories (sold separately)

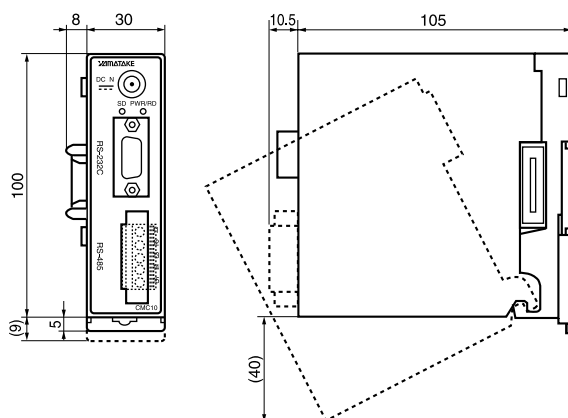| Model No.	Description
81446748-001	AC Adapter
81440792-001*	RS-485 Connector (4 units per box)

* Equivalent to MSTB 2.5/5-STF-5.08AV by Phoenix Contact

Dimensions

(Unit: mm)

• DIN rail mounting

• Screw mounting