

CMC10B

Communication Controller CPL/CPL Converter

The CMC10B Communication Controller is designed to support Yamatake CPL Communications between a host computer and multiple units of digital indicating controller. The CMC10B continuously acquires data from digital indicating controllers and supports smooth communications with the host computer.

A maximum 31 units of the CMC10B are connectable to one host computer, whilst each CMC10B can support a maximum 31 units of CPL communication support devices.



CONTROLLERS

Specifications

General	Rated power voltage	24Vdc	
	Power consumption	5W (under standard conditions)	
	Operating conditions	Ambient temperature	0 to 50°C
		Ambient humidity	30 to 90%RH
	Installation	Screw and DIN rail mounting	
Weight	Approx. 300g		
Host side Communication (HOST↔CMC)	Communication system	Half duplex	
	Synchronization	Start/stop synchronization	
	Transmission line system	Bus type (conforms with RS-485: 5 wire type)	
	Connection type	1 : N (Max. 31 units)	
	Transmission speed	19200/9600/4800bps	
	Transmission distance	Max. 500m	
	Data format	Data 8 bits, even parity, 1 stop bit, OR data 8 bits, no parity, 2 stop bits	
	Connector	Mode No. 81440792-001 (4 units/set, option)	
	Slave station side communication (HOS↔CMC)	Communication system	Half duplex
		Synchronization	Start/stop synchronization
Transmission line system		Bus type (conforms with RS-485: 3 wire type)	
Connection type		1 : N (Max. 31 units)	
Transmission speed		19200/9600/4800bps	
Transmission distance		Max. 500m	
Loader communication	CMC10B dedicated loader	Smart loader package: SLP-CM1J20 (option) including a dedicated cable for loader connection	

Selection Guide

Model No.	Description
CMC10BCP1A000	Communication Controller

Optional Devices

Model No.	Description
81440792-001*	Connector (4 units per box)
SLP-CM1J20	CMC10B dedicated loader

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

Dimensions

(unit:mm)

