

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 of 31 units of the CMC10B are connectable to one host computer, and each CMC10B can support up to 31 CPL communication support devices.



Specifications

| | | |
|--|--|--|
| General | Rated power | 24Vdc |
| | Power consumption | 5W (under standard conditions) |
| | Operating conditions | Ambient temperature 0 to 50°C |
| | | Ambient humidity 30 to 90% RH |
| | Installation | Screw or DIN rail mounting |
| Host side communications (HOST⇄CMC) | Mass | Approx. 300g |
| | Transmission mode | 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 | Model No. 81440792-001 (4 units/set, option) |
| | Slave station side communications (HOST⇄CMC) | |
| Slave station side communications (HOST⇄CMC) | Transmission mode | 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 |
| Loader communications | Transmission distance | Max. 500m |
| | Data format | Data 8 bits, even parity, 1 stop bit, OR data 8 bits, no parity, 2 stop bits |
| | Device address | 1 to 31 (local station address) |
| Loader communications | CMC10B dedicated loader | Smart Loader software: SLP-CM1J20 (option) including a dedicated cable for loader connection |

Selection Guide

| Model No. | Description |
|---------------|--------------------------|
| CMC10BCP1A000 | Communication controller |

Accessories (sold separately)

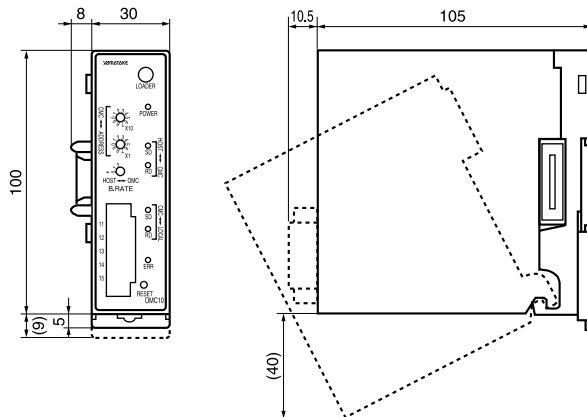
| Model No. | Description |
|---------------------|----------------------------------|
| 81440792-001 (Note) | Connector (4 units per box) |
| SLP-CM1J20 | CMC10B dedicated loader software |

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

Dimensions

(Unit: mm)

• DIN rail mounting



• Screw mounting

