

8-6 CMM-COP02 -- Communication Extension Card, CANopen

8-6-1 Product Profile



Figure 8-44

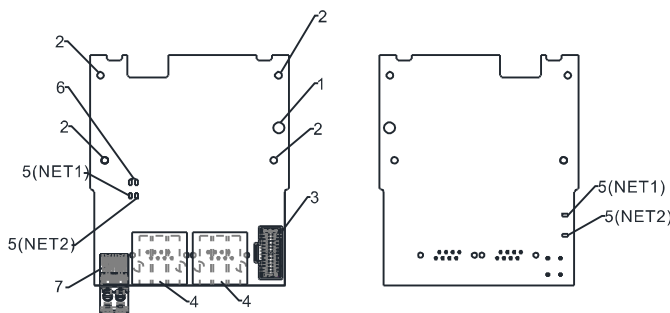


Figure 8-45

1. Screw fixing hole
2. Positioning hole
3. AC motor drive connection port
4. Communication port
5. Indicator
NET1, NET2
6. Indicator light: POWER
7. Ground terminal block

Wire gauge: 0.25–0.5 mm² (24–20 AWG)
 Stripping length: 7–8 mm
 Screw torque: 2 kg-cm / (1.7 lb-in.) / (0.2 Nm)

8-6-2 RJ45 Pin Definition



Socket

Figure 8-46

PIN	Signal	Definition
1	CAN_H	CAN_H bus line (dominant high)
2	CAN_L	CAN_L bus line (dominant low)
3	CAN_GND	Ground / 0 V / V-
7	CAN_GND	Ground / 0 V / V-

Table 8-35

8-6-3 Specifications

Interface	RJ45
Number of Ports	2 Port
Transmission Method	CAN
Transmission Cable	CAN standard cable
Transmission Speed	1 Mbps; 500 Kbps; 250 Kbps; 125 Kbps; 100 Kbps; 50 Kbps
Communication Protocol	CANopen protocol
Terminating Resistance	CMM-COP02 contains terminal resistance accessories. Install the terminal resistance accessories to one of the network connectors when using CMM-COP02.

Table 8-36

8-6-4 CANopen Communication Cable

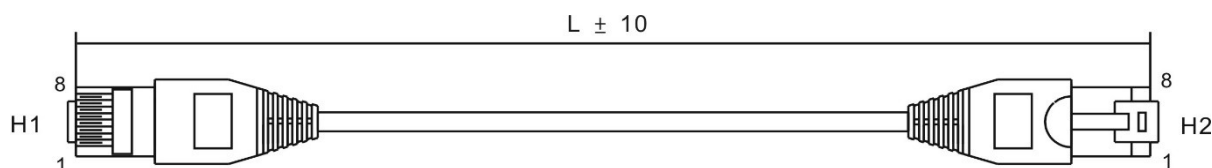


Figure 8-47

Title	Part No.	L	
		mm	inch
1	UC-CMC003-01A	300	11.8
2	UC-CMC005-01A	500	19.6
3	UC-CMC010-01A	1000	39
4	UC-CMC015-01A	1500	59
5	UC-CMC020-01A	2000	78.7
6	UC-CMC030-01A	3000	118.1
7	UC-CMC050-01A	5000	196.8
8	UC-CMC100-01A	10000	393.7
9	UC-CMC200-01A	20000	787.4

Table 8-37

8-6-5 CANopen Dimension

Model: TAP-CN03

Unit: mm (inch)

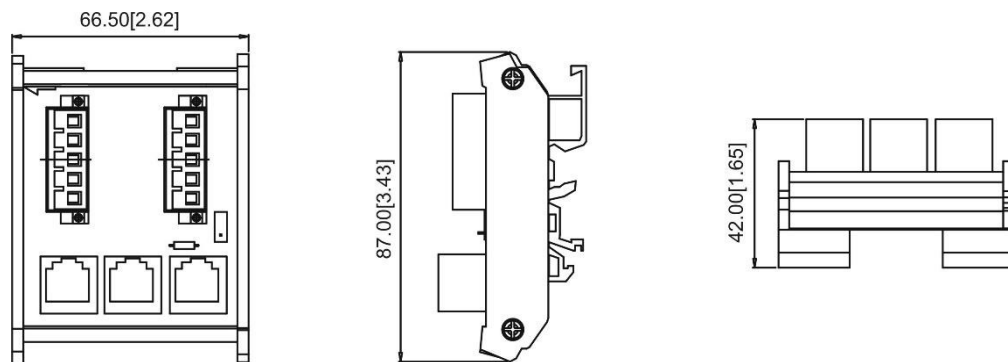


Figure 8-48

NOTE: For details on how to operate the CANopen communication card, refer to the CANopen operation manual or download the related manuals from Delta's website at <http://www.delta.com.tw/industrialautomation/>.