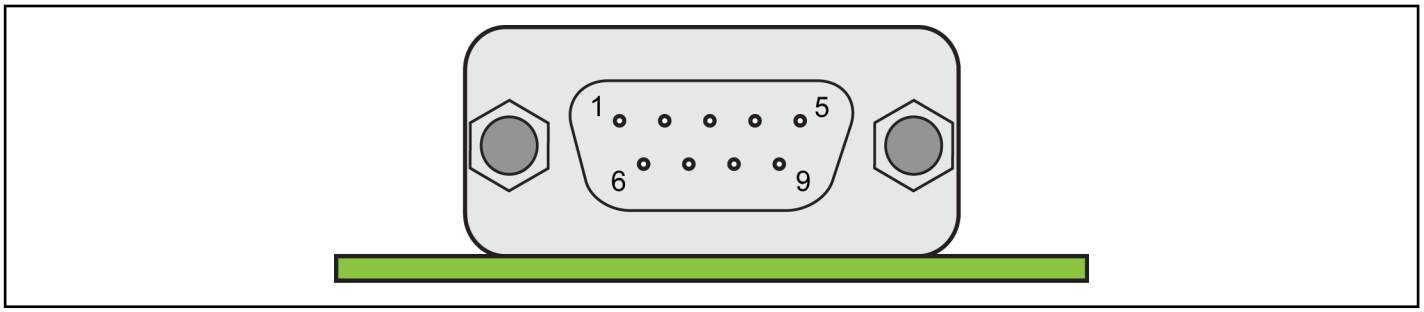
Communication Module
CANopen Card
Interface, LED Indication

Product Insert

R912006723
Edition 02

CANopen Interface



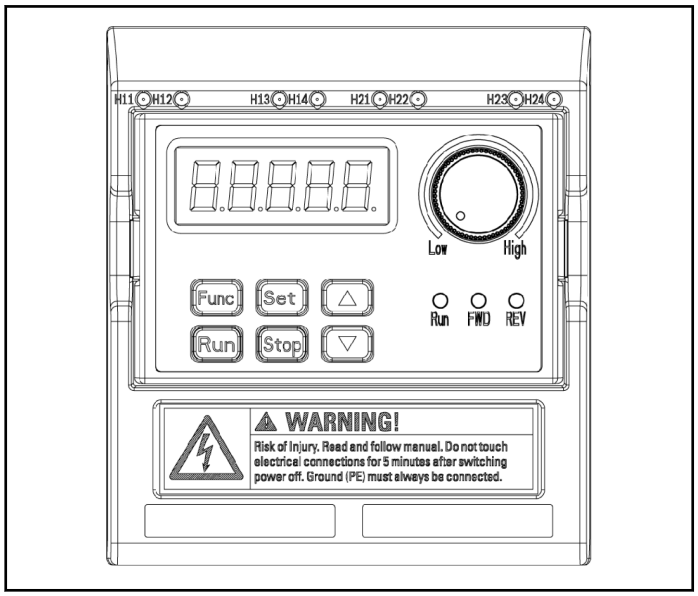
CANopen DB9 interface

Pin	Terminal sign	Function description
1	NC	Reserved
2	CAN_L	CAN_L Bus line (dominant low)
3	CAN_V-	External bus power GND
4	NC	Reserved
5	Earth	CAN cable shield
6	CAN_V-	External bus power GND
7	CAN_H	CAN_H Bus line (dominant high)
8	NC	Reserved
9	NC	Reserved
10	Earth	CAN cable shield

Pin definition of CANopen DB9 interface

Details for CANopen parameter settings, application and security notes, see **Quick Start Guide** of CANopen card.

CANopen Card LED



CANopen card LED

LED	Color	Function	Status	Description
H11①	Green	CANopen card running state	Off	CANopen controller is in **OFF** state
			Single Flash	CANopen card is in **NMT STOPPED** state
			Blinking green	CANopen card is in **NMT PREOPERATIONAL** state
			Green light on	CANopen card is in **NMT OPERATIONAL** state
H12①	Red	CANopen card error indication	Off	No error
			Single flash	Warning limit reached
			Double flash	Error control event
			Red light on	CANopen controller is in **Bus off** state
H13①	Green	CANopen termination resistor indication	Off	Termination resistor disabled (H2.98 = 0)
			Green light on	Termination resistor enabled (120 Ω) (H2.98 = 1)

CANopen card LED

Note①:

- H11, H12 and H13 are available when the CANopen card is installed on the left card slot
- H21, H22 and H23 are available when the CANopen card is installed on the right card slot

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