

GTAKE EPC-CM1 Card User Manual

EPC-CM1 provides two communication modes: RS232 and CAN. Users can select the appropriate mode of communication needed, so as to control the operation and parameter setting of drive in a remote way.



Figure 1 EPC-CM1 Card

1. User terminal and toggle switch description

1.1 Wiring terminal description

User terminal	Function description
CN3	RS232 communication interface
CN4	CAN communication interface

1.2 Toggle switch description

Toggle switch	Function description	Factory default
S1	CAN communication terminal resistor selection ON: Not select terminal resistor OFF: Not select terminal resistor	ON

2. Wiring description

2.1 CN3 wiring terminal description

CN3 is the the RS232 communication signal interface, which uses DB9 socket, socket pin definition is in the table below, pin layout is as shown in Figure 2.

DB9 pin no.	Signal definition
2	232_TXD
3	232_RXD
5	GND_ISO
1, 4, 6, 7, 8, 9	empty

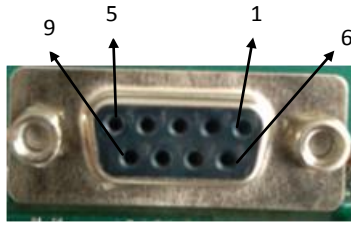


Figure 2 CN3 Pin Layout

2.2 CN4 wiring terminal description

Name	Function
+5V	+5 V power supply
GND	+5 V power ground
CAN+	CAN communication port
CAN-	
DGND	

To avoid interference by communication signal, twisted-pair wire is recommended for the communication wire, while shielded wire is suggested for the RS232 communication wire.