



### Introduction

FBs-CM25C is a RS232 to RS485/RS422 bi-directional signal converter of FBs-PLC series. This module is designed for stand alone operation and can work not only with the FBs-PLC but also other brands of controller. The feature of isolation between each ports, protect this module from damaging when the voltage difference between the sub systems is high. While installation, this module can be mounted on DIN-Rail or securely be fastened by screw. User can select the RS485 or RS422 working mode by setting the DIP switches at front panel. There is a built-in resistor in this module for RS485 network termination which can also set on or off via front panel DIP switch.

### Specifications

**Maximum Speed** - 230Kbps

**Flow Control**- Automatic

**Interface Signals-**

RS232 - RX(3),TX(2),GND(5)

RS485 - D+, D-,GND

RS422 - TX+,TX-,RX+,RX-

**Connectors-**

RS232 - DB9F

Power,RS422/RS485- 8 Pin Euro plug

**Isolation method**- Transformer (Power) and optical (Signal)

### DIP switch setting

**RS485 Terminator-**



No termination(OFF)



With termination(ON)

**RS485/RS422 selection**



RS485



RS422

**Indicators -**

5V PWR LED indicator

RS485/RS422 RX LED indicator

RS232 RX LED indicator

**External Power** - 24V-15%/+20%, 0.5W

**Power Protection**- Reverse polarity protection

**Operating Temperature**- 0 ~ 60 °C

**Storage Temperature** - -20 ~ 80 °C

**Dimension**- 25(W)x90(H)x73(D) mm

# FBs-CM25C

## Isolated RS232 to RS485/RS422 Signal Converter

### Dimension

