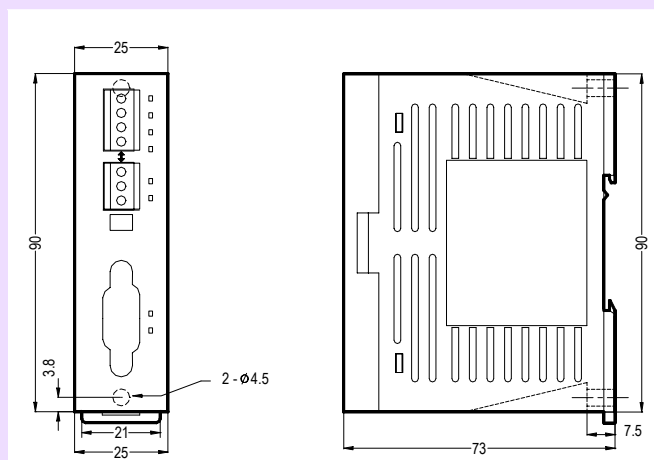




### Introduction

FBs-CM5R is a RS232/RS485 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.

### Dimensions



### Specifications

**Maximum Speed** - 230Kbps

**Flow Control**- Automatic

**Interface Signals**-

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

RS485 - +, -,GND

**Connectors**-

RS232 - DB9F

RS485 - 3 Pin Euro plug

Power- 4 Pin Euro plug

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

**RS485 Terminator**-

Built in, can be set by DIP switch ◦



No termination(OFF)

With termination(ON)

**Indicators** -

5V PWR LED indicator

RS485 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