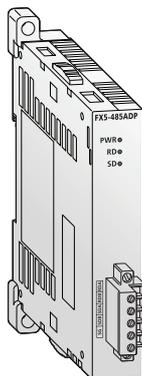


**RS485 communication expansion adapter**

- FX3S  FX3G  FX3GC  FX3GE  FX3U  FX3UC  FX5U  FX5UC



**Isolation type communication adapter FX5-485ADP**

The expansion adapter FX5-485ADP expands a FX5U or FX5UC base unit by an additional RS485 port. Between the communication line and the base unit photocoupler isolation is used. With the FX5-485ADP the transmission distance can

be increased to 1200 m in contrast to 50 m with the built-in RS485 port or the FX5-485-BD.

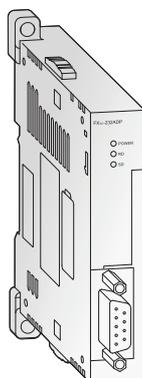
Up to two communication expansion adapters can be mounted on the left side of a FX5U or FX5UC CPU base unit.

Specifications		FX5-485ADP
Transmission standard		Conforming to RS485 and RS422 standards
Communication speed *	bps	300/600/1200/2400/4800/9600/19200/38400/57600/115200
Max. communication distance	m	1200 m
External device connection method		Terminal block
Power supply	5 V DC	20 mA (from base unit)
	24 V DC	30 mA (from base unit)
Related I/O points		0
Weight	kg	0.08
Dimensions (WxHxD)	mm	17.6x106x74
<b>Order information</b>		Art. no. 280514

\* The communication method and communication speed vary depending upon the communication type.

**Interface module**

- FX3S  FX3G  FX3GC  FX3GE  FX3U  FX3UC  FX5U  FX5UC



**Active data interface module FX3U-232ADP-MB**

The additional active data interface module permits active communication between the PLC and surrounding RS232C peripherals. All device information can be sent or received via these interfaces.

The connection is to the communications bus on the left side of the controller. The internal serial RS422 interface is also fully available.

The module is suitable for the connection of printers, bar code readers, PCs and other PLC systems. The communication is handled by the PLC program using the RS instruction.

The FX3U-232ADP-MB can also be used for communication via Modbus®.

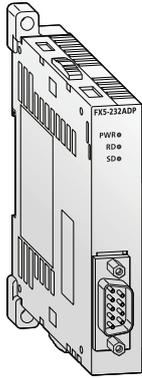
Specifications		FX3U-232ADP-MB
Interface		RS232C with 9 pole D-SUB connector (photocoupler isolation)
Communication speed*	kbps	0.3–115.2
Power supply	5 V DC	30 mA (from base unit)
	24 V DC	—
Related I/O points		0
Weight	kg	0.08
Dimensions (WxHxD)	mm	17.6x90(106)x81.5
<b>Order information</b>		Art. no. 206190

\* The communication method and communication speed vary depending upon the communication type.

Notes: This module can be connected directly (without adapter) to a base unit of the FX3GC, FX3GE or FX3UC series. To connect this module to a FX3G, FX3S or FX3U base unit, an adapter is required.

**RS232C communication expansion adapter**

- FX3S  FX3G  FX3GC  FX3GE  FX3U  FX3UC  FX5U  FX5UC



**Isolation type communication adapter FX5-232ADP**

The expansion adapter FX5-232ADP adds a RS232C port to a FX5U or FX5UC base unit for communication between the PLC and peripheral devices. Between the communication line and the base unit photocoupler isolation is used.

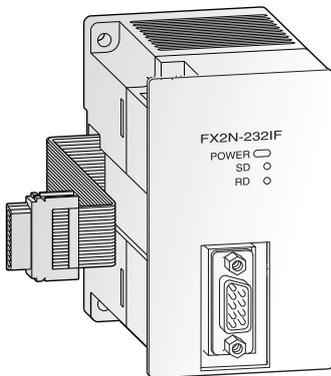
Up to two communication expansion adapters can be mounted on the left side of a FX5U or FX5UC CPU base unit.

Specifications	FX5-232ADP
Transmission standard	Conforming to RS232C standard
Communication speed *	bps 300/600/1200/2400/4800/9600/19200/38400/57600/115200
Max. transmission distance	15 m
External device connection method	9 pole D-SUB connector (male)
Power supply	5 V DC 30 mA (from base unit)
	24 V DC 30 mA (from base unit)
Related I/O points	0
Weight	kg 0.08
Dimensions (WxHxD)	mm 17.6x106x74
<b>Order information</b>	Art. no. 280513

\* The communication method and communication speed vary depending upon the communication type.

**Interface module**

- FX3S  FX3G  FX3GC  FX3GE  FX3U  FX3UC  FX5U  FX5UC



The interface module FX2N-232IF provides an RS232C interface for serial data communications with the MELSEC FX3U and FX3UC.

Communication with PCs, printers, modems, barcode readers etc. is handled by the PLC program.

The send and receive data are stored in the FX2N-232IF's own buffer memory.

Specifications	FX2N-232IF
Interface	RS232C with 9 pole D-SUB connector (photocoupler isolation)
Communication speed	kbps 0.3–19.2
Communication distance	m Max. 15
Communication cable	Shielded cable
Communication mode	Full duplex
Protocols	Non protocol mode/start stop synchronisation
Send and receive buffer	512 byte each
Format	7 or 8 bits, parity none/even/odd, stop bits: 1 or 2
Power supply	5 V DC 40 mA (from base unit)
	24 V DC 80 mA
Related I/O points	8
Weight	kg 0.3
Dimensions (WxHxD)	mm 55x90x87
<b>Order information</b>	Art. no. 66640

Note: To connect this module to a FX3UC base unit, an adapter FX2NC-CNV-IF or a power supply FX3UC-1PS-5V is required.