■ Network module for J1939   ☐ **FX3S** ☑ **FX3G** ☐ **FX3GC** ☑ **FX3GE** ☑ **FX3U** ☑ **FX3UC**
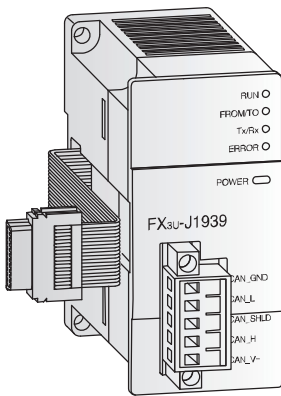
Network module for J1939

The FX3U-J1939 communication module allows the connection of FX3G/FX3U/FX3UC series PLCs to a J1939 network. J1939 is a CAN based protocol used for communication with motors, generators and compressors.

In a J1939 network are no master or slave stations. All nodes may receive each others' messages. Standard messages contain up to 8 bytes of data, extended messages contain up to 250 bytes of data.

Up to 75 standard messages and 4 extension messages can be sent and received.

The FX3U-J1939 is compatible with CAN Layer 2 communication. In this mode, a FX3U-J1939 can send and receive up to 42 messages on a CAN network.

Specifications		FX3U-J1939
Communication standard version		J1939
Network node size		J1939: 2–30
		NMEA2000®: 2–50
Communication method		Cyclic, acyclic or request driven (user configurable)
CAN layer-2 communication		Send and receive
Max. cable length	m	5000
Baud rates	kbit/s	10, 20, 50, 100, 125, 250, 500, 800, 1000
Power supply		24 V DC/110 mA (from base unit)
Weight	kg	0.2
Dimensions (WxHxD)	mm	43x90x95

Order information	Art. no.	254276

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

■ Modbus & serial communication special adapter   ☑ **FX3S** ☑ **FX3G** ☑ **FX3GC** ☑ **FX3GE** ☑ **FX3U** ☑ **FX3UC**
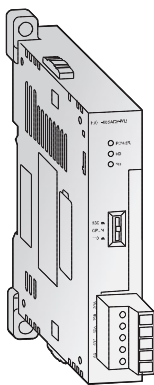
Active data module (RS485)

The addition of an active data interface module permits active communication between the PLC and surrounding devices.

With RS485 communication can be configured as either 1:N multidrop, parallel link or peer to peer operation.

FX3U-485ADP-MB also supports Modbus RTU and Modbus ASCII.

Specifications			FX3U-485ADP-MB
Interface			RS485; Modbus RS485
Communication speed*		kbps	0.3–19.2
Max. communication distance		m	500
Power supply	5 V DC		20 mA (from base unit)
	24 V DC		—
Related I/O points			0
Dimensions (WxHxD)		mm	17.6x90(106)x74

Order information	Art. no.	206191

* Speed depends on communication method (Parallel link, N:N Network, No protocol, Dedicated protocol etc.)
Note:
This adapter module can be connected directly (without special adapter) to a base unit of the FX3GC, FX3GE or FX3UC series. To connect this adapter module to a FX3G, FX3S or FX3U base unit, an adapter is required.

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