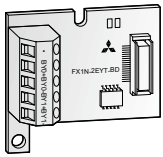
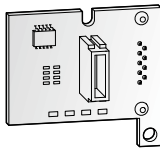


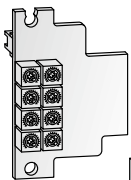
■ Adapter Boards



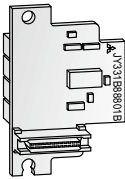
FX1N-2EYT-BD



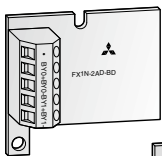
Connector side



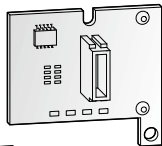
FX2N-8AV-BD



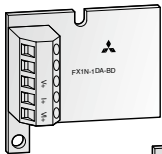
Connector side



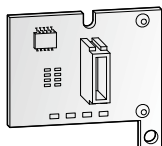
FX1N-2AD-BD



Connector side



FX1N-1DA-BD



Connector side

Extension Adapters FX1N-4EX-BD, FX1N-2EYT-BD

The extension adapters for the FX1N series are available with 4 inputs or 2 outputs. They are installed directly in the controller of the FX1S or FX1N series and therefore do not require any additional installation space.

These adapters are especially advantageous when only few additional I/Os are required and there is not enough room for an adjacent module to be installed.

Specifications	FX1N-4EX-BD	FX1N-2EYT-BD
Applicable for	Base units FX1S/FX1N	Base units FX1S/FX1N
Integrated inputs/outputs	4	2
Power supply	From base unit	From base unit
Integrated inputs	4	—
Input level	voltage	24 V DC (+20% / -15%)
	current	5 mA (24 V DC)
Integrated outputs	—	2
Output type	—	Transistor
Max. switching voltage	V —	5 – 30 V DC
Weight	kg 0.02	0.02
Dimensions (W x H x D)	mm 43 x 38.5 x 22	43 x 38.5 x 22

Analog Setpoint Adapters FX1N-8AV-BD and FX2N-8AV-BD

The FX□N-8AV-BD analog setpoint adapters enable the user to set 8 analog setpoint values. The analog values of the potentiometers are read into the controller and used as default setpoint values for timers, counters and data registers by the user's PLC programs.

Setpoint value polling and the definition of the potentiometer scales are performed in the PLC program using the dedicated instructions VRRD/VRSC (FNC85/86).

The FX□N-8AV-BD analog setpoint adapters are installed in the expansion slot of the FX1S/ FX1N/ FX2N CPU. No additional power supply is required for operation.

Specifications	FX1N-8AV-BD	FX2N-8AV-BD
Applicable for	Base units FX1S/FX1N	Base units FX2N
Power supply	From base unit	From base unit
Adjusting range	8 bit	8 bit
Related I/O points	0	0
Potentiometer evaluation	Via application instruction from the PLC CPU (FNC 85/86)	
Weight	kg 0.02	0.08
Dimensions (W x H x D)	mm 43 x 38.5 x 22	52 x 35 x 22

Analog Adapter Boards FX1N-2AD-BD, FX1N-1DA-BD

The analog input adapter board FX1N-2AD-BD provides the user with 2 analog inputs. The board converts analog process signals into digital values which are further processed by the MELSEC FX1S/FX1N controller.

The analog adapter FX1N-1DA-BD provides the user with 1 analog output. The module converts digital values from the FX1S/FX1N controller to the analog signals required by the process.

Specifications	FX1N-2AD-BD	FX1N-1DA-BD
Applicable for	Base units FX1S/FX1N	Base units FX1S/FX1N
Power supply	From base unit	From base unit
Analog channels	inputs	—
	outputs	1
Analog input range	0 to 10 V DC / 4 to 20 mA	0 to 10 V DC / 4 to 20 mA
Resolution	2.5 mV (12 bits) / 8 µA (11 bits)	2.5 mV (12 bits) / 8 µA (11 bits)
Overall accuracy for fullscale	±1%	±1%
Related I/O points	0	0
Weight	kg 0.02	0.02
Dimensions (W x H x D)	mm 43 x 38.5 x 22	43 x 38.5 x 22