■ Digital extension adapter boards   ☑ FX3S ☑ FX3G ☐ FX3GC ☐ FX3GE ☐ FX3U ☐ FX3UC

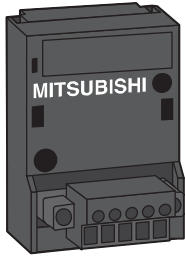FX3G-4EX-BD

FX3G-2EYT-BD

Extension adapters FX3G-4EX-BD, FX3G-2EYT-BD

The extension adapters for the FX3G series are available with 4 inputs or 2 outputs.

They are installed directly in the controller of the FX3S or FX3G 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.
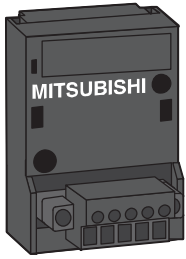
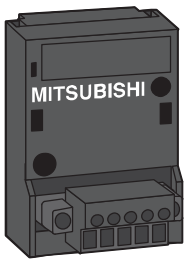| Specifications		FX3G-4EX-BD	FX3G-2EYT-BD
Applicable for		Base units FX3S/FX3G	
Integrated inputs/outputs		4	4
Power supply		From base unit	
Integrated inputs		4	—
Integrated outputs		—	2
Input level	voltage	24 V DC (+20 %/-15 %)	
	current	5 mA (24 V DC)	
Output type		—	Transistor
Max. switching voltage	V	—	5–30 V DC
Weight	kg	0.02	0.02
Dimensions (WxHxD)	mm	35x51.2x29.2	35x51.2x29.2
Order information	Art. no.	271700	271701

■ Analog adapter boards   ☑ FX3S ☑ FX3G ☐ FX3GC ☑ FX3GE ☐ FX3U ☐ FX3UC
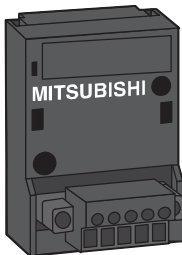

FX3G-2AD-BD

FX3G-1DA-BD

Analog adapter boards FX3G-1DA-BD and FX3G-2AD-BD

The analog input adapter board FX3G-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 FX3S/FX3G/FX3GE controller.

The analog adapter FX3G-1DA-BD provides the user with 1 analog output. This module converts digital values from the FX3S/FX3G/FX3GE controller to the analog signals required by the process.

Specifications		FX3G-2AD-BD	FX3G-1DA-BD
Applicable for		Base units FX3S/FX3G/FX3GE	Base units FX3S/FX3G/FX3GE
Power supply		From base unit	From base unit
Analog channels	inputs	2	—
	outputs	—	1
Analog input range		0–+10 V DC/4–+20 mA	0–+10 V DC/4–+20 mA
Input resistance	voltage input kΩ	198.7	—
	current input Ω	250	—
External load	voltage output kΩ	—	2–1,000
	current output Ω	—	<500
Resolution		2.5 mV (12 bit)/8 µA (11 bit)	2.5 mV (12 bit)/8 µA (11 bit)
Fullscale overall accuracy		±1 %	±1 %
Conversion speed	analog → digital	180 µs (1 program cycle)	—
	digital → analog	—	60 µs (1 program cycle)
Related I/O points		0	0
Weight	kg	0.02	0.02
Dimensions (WxHxD)	mm	35x51.2x29.2	35x51.2x29.2
Order information	Art. no.	221265	221266

◢◣ MITSUBISHI ELECTRIC