Ewon Flexy extension card - IO (8DI-4AI-2DO)

Item number: FLX3402_00

This card enhances Ewon Flexy's connectivity with an IO connection. The Flexy I/O card offers eight digital inputs, four configurable analogue inputs, and two digital outputs. Ideal for OEMs and system integrators, it facilitates data transfer from remote locations to central servers. Compatible with Ewon Flexy 10x, 20x series and 205.

Interchangeable extension card for enhanced connectivity

Features and benefits

Build your own Flexy gateway

Keep up with the evolution of communication technologies while protecting your investment in the device! The Ewon Flexy extension cards make this gateway highly modular and flexible.

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General

Net Width (mm)	22
Net Height (mm)	79
Net Depth (mm)	84
Net Weight (g)	50
Packed Width (mm)	102
Packed Height (mm)	30
Packed Depth (mm)	95
Packed Weight (g)	72.5
Operating Temperature °C Min	-25
Operating Temperature °C Max	+60
Storage Temperature °C Min	-30
Storage Temperature °C Max	+70
Relative Humidity	10 to 95% relative humidity (non-condensing).
Isolation	Analogue inputs: 1.5kV from power supply Digital inputs: 1.5 kV from electronic AND power supply Output relays (NO): 1.5 kV from electronic AND power supply
Content of Delivery	This product consists of the following components: an electronic extension board inserted in a plastic front plate with an IO connector and packed in an ESD plastic bag sealed with an yellow sticker, legal references in paper version and a cardboard box.
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	3

Identification and Status

Product ID	FLX3402_00

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Identification and Status

Model Code	02701
Country of Origin	Belgium
HS Code	8517790000
Dual Usage	No
Export Control Classification Number (ECCN)	5A992.c

Physical Features

Connectors / Input / Output	4x Analogue inputs: Voltage mode 0-10V, 16 bit resolution or current mode, 4-20mA, user selectable with Dip Switch configuration 8x Digital inputs: 0 to 12/24 VDC 2x Output relays (NO): 2A/30V, VAC/VDC
Contains Battery	No

Certifications and Standards

CE	Yes
FCC	Yes
IC	Yes
UKCA	Yes
UL	Yes
KC	No
RCM	No
PTCRB	No
Environment	Temperature - Operating & Storage tested according to: IEC 60068-2-1 Cold test, IEC 60068-2-2 Dry heat test, IEC 60068-2-14 Change of temperature, IEC 60068-2-30 Cyclic damp heat test
Vibration and Shock	Vibration & shocks tested according to: IEC 60068-2-27 Bumps, IEC 60068-2-64 Vibration (broad-band random), IEC 60068-2-6 Vibration (sinusoidal)
Waste Certification (WEEE)	Yes
WEEE Category	IT and telecommunications equipment

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Certifications and Standards

Other Certification	Giteki Japan