



DA Series FlexEdge I/O Module with 8DI and 8DO

Item number: **DAM00I0DI0000000**

The FlexEdge 8DI/8DO Module easily upgrades, adapts and expands almost any industrial application with a field-installable I/O module. Add monitoring and control capability to a DA70 controller with 8 digital inputs and 8 SSR outputs. Rugged packaging built for long life and superior performance in harsh conditions.



Add I/O capability to your DA70 FlexEdge controller with 8 inputs and 8 outputs

Features and benefits

✓ **Field-installable I/O for your DA70**

Do more with your DA70. Plugs in easily into your FlexEdge for additional input and output capability. Great for monitoring contact or sensor inputs, actuate relays, solenoids and PLC inputs.

✓ **Flexible inputs are easy to configure**

Inputs accept DC inputs and contact closures. Software configurable for sink/source signals and as high active or low-active inputs. Each has a selectable input filter to prevent contact bounce.

✓ **Easy to use graphical interface**

Configured with Crimson® configuration software (version 3.2 or later). User-friendly web browser interface make it easy to set up new systems and recalibrate.

✓ **LED status monitoring**

One LED indicator for each I/O point and a status LED.

✓ **Leading industry certifications**

ATEX/IECEx and Class 1, Division 2 approvals for hazardous locations.

✓ **Fully isolated inputs – 8 inputs and 8 outputs**

Eight DC voltage inputs and eight (8) solid state outputs with complete isolation.

✓ **High performing output channels**

NFET outputs are sinking and can switch up to one amp (A) per channel.

✓ **Simple to set up and deploy**

Pluggable wire clamp screw block terminals are provided for the I/O wiring connections. Comes with an on-device wiring diagram.

✓ **Designed for harsh industrial environments**

Engineered to deliver uncompromising performance in demanding environments. IP30 enclosure. Operating temperature of -40 °C to 75 °C.

✓ **Power supplied by FlexEdge DA70 host controller**

Maximum power is 2.0 W. Hot-swappable in non-hazardous locations.

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General	
Net Weight (g)	0.01
Packed Width (mm)	215.9
Packed Height (mm)	127
Packed Depth (mm)	215.9
Packed Weight (g)	0.01
Operating Temperature °C Min	-40
Operating Temperature °C Max	75
Storage Temperature °C Min	-40
Storage Temperature °C Max	80
Relative Humidity	0 to 95% max. RH noncondensing
Power Consumption (W)	2
Maximum Installation Altitude (m)	2000
Mounting	DIN rail mount (bracket included)
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	3

Identification and Status	
Product ID	DAM00I0DI0000000
Country of Origin	United States of America (the)
HS Code	8517790000

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Identification and Status

Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Connectors / Input / Output	Terminal
SD Card Slot	Yes
Flash Drive	No
Contains Battery	No

Certifications and Standards

Protection Class IP	IP30
RoHS Compliant	Yes
CE	Yes
FCC	No
UKCA	Yes
UL	Yes
ATEX	Yes
DNV	No
KC	No
Vibration and Shock	Shock: IEC 60068-2-27: Operational 15 g; Vibration: IEC 60068-2-6: Operational 5-500 Hz, 2 g