



DA Series FlexEdge I/O Mix Module with 2UI

Item number: DAM00I0IN2DA0000

Easily upgrade, adapt and expand almost any industrial application with this field-installable I/O module. Rugged packaging built for long life and superior performance in harsh conditions. Two universal inputs, eight digital inputs/outputs and two analog outputs.



Add I/O capability to your DA70 FlexEdge controller with 2 UI, 8 DI/DO and 2 AO

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.
- ✓ **Digital I/O**
Eight digital inputs/outputs are software selectable per channel
- ✓ **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 status LED for general module status. One alarm LED for each universal input channel. One LED indicator for each digital I/O point.
- ✓ **Leading industry certifications**
ATEX/IECEx and Class 1, Division 2 approvals for hazardous locations. ABS type approval for shipboard applications. CE approved and RoHS compliant.
- ✓ **Universal inputs**
Two universal inputs accept TC, RTD, 0-10 V and 0/4-20 mA signals
- ✓ **Analog outputs**
Two analog outputs are software selectable and capable of multiple ranges: 0-5VDC, -10 VDC to 10 VDC, 0-20 mA and 4-20 mA
- ✓ **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 2.6 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	85
Relative Humidity	0 to 85% max. Relative humidity, non-condensing
Input Voltage (V)	0-10 VDC
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	DAM00I0IN2DA0000
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

Display Features

Analog/Digital	Analog
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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 68-2-27: Operational 15 g; Vibration: IEC 68-2-6: Operational 5-500 Hz, 2 g