



## DA Series FlexEdge 8 Channel Digital Input/8 Relay Output Module

Item number: DAM00I0DI0R00000

The FlexEdge 8 Digital Input/8 Relay Output 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 relay outputs. Rugged packaging built for long life and superior performance in harsh conditions.



*Monitor inputs and actuate relays with added I/O capability on your DA70 FlexEdge controller.*

### 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.
- ✓ **Fully isolated inputs – 8 digital inputs and 8 relay outputs**  
Eight DC voltage inputs and eight Form A relay outputs with complete isolation.
- ✓ **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.
- ✓ **Simple to setup and deploy**  
Pluggable wire clamp screw block terminals are provided for the I/O wiring connections. Comes with an on-device wiring diagram.
- ✓ **LED status monitoring**  
At-a-glance module status indicator. Individual channel LEDs for troubleshooting and testing.
- ✓ **Designed for harsh industrial environments**  
Engineered to deliver uncompromising performance in demanding environments. IP30 enclosure. Operating temperature of -40 °C to 75 °C.
- ✓ **Leading industry certifications**  
Class 1, Division 2 approvals for hazardous locations and ABS certifications.
- ✓ **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	DAM00I0DI0R00000
Country of Origin	United States of America (the)
HS Code	8517790000

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Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

## Physical Features

Connectors / Input / Output	plug-in jacks
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	No
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