



ICS Slimline Isolator and Converter - 24VDC

Item number: ICS00001

The ICS Slimline Isolator and Converter is a high-performing and highly accurate universal isolator and converter for 24 VDC fixed supply that can be used for various purposes. Well-suited for conversion and galvanic isolation.



Universal slimline isolator and converter designed to meet the needs of automation and process industries.

Features and benefits

- ✓ **Single channel input loop-powered isolator**
1:1 input loop powered isolator of current signals in the range 0(4) to 20 mA.
- ✓ **Designed for harsh environments**
Engineered to deliver uncompromising performance in demanding environments. Suitable for environments with high vibration stress. Operating temperature -25 to 70 °C.
- ✓ **Simple configuration**
Easily configured using the DIP switch setup.
- ✓ **Fully isolated**
Isolation and conversion/splitting of standard DC signals. Power supply and signal isolator for 2-wire transmitters.
- ✓ **Industry certified**
UL-listed and ATEX/IECEx approvals. Class 1, Division 2 or Zone 2 hazardous locations.



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General

Net Weight (g)	70.023265
Packed Weight (g)	70.023265
Operating Temperature °C Min	-25
Operating Temperature °C Max	70
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	< 95% RH (non-cond.)
Input Voltage (V)	16.8 to 31.2 VDC
Maximum Installation Altitude (m)	2000
Mounting	DIN rail mount (bracket included)
Packaging Material	Cardboard
Warranty (years)	2

Identification and Status

Product ID	ICS00001
Country of Origin	United States of America (the)
HS Code	9032890090
Dual Usage	No

Physical Features

SD Card Slot	No
Flash Drive	No
Contains Battery	No



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Certifications and Standards

Protection Class IP	IP20
RoHS Compliant	Yes
CE	Yes
FCC	No
UKCA	Yes
UL	Yes
ATEX	Yes
DNV	No
KC	No
Vibration and Shock	Vibration: IEC 60068-2-6: 2 to 25 Hz: $\pm 1,6$ mm, 25 to 100 Hz: ± 4 g