

IN-OID, OPTICAL ISOLATOR.

Interface for the purpose of potential free matching and protection of on/off dc input process signals to on/off dc output signals.

Features.

- LED Signal Indication.
- 3kV Input to Output Isolation.
- Compact DIN Rail Mount Enclosure.
- Low Cost.
- Input / Output Circuit Protection.

Ordering Information.

IN-OID-
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 Input Voltage



IN-OID-5Vdc	IN-OID Optical Isolator, 5Vdc Input, 30Vdc 200mA Output.
IN-OID-12Vdc	IN-OID Optical Isolator, 12Vdc Input, 30Vdc 200mA Output.
IN-OID-15Vdc	IN-OID Optical Isolator, 15Vdc Input, 30Vdc 200mA Output.
IN-OID-24Vdc	IN-OID Optical Isolator, 24Vdc Input, 30Vdc 200mA Output.
IN-OID-110Vdc	IN-OID Optical Isolator, 110Vdc Input, 30Vdc 200mA Output.
IN-OID-24Vac	IN-OID Optical Isolator, 24Vac Input, 30Vdc 200mA Output.

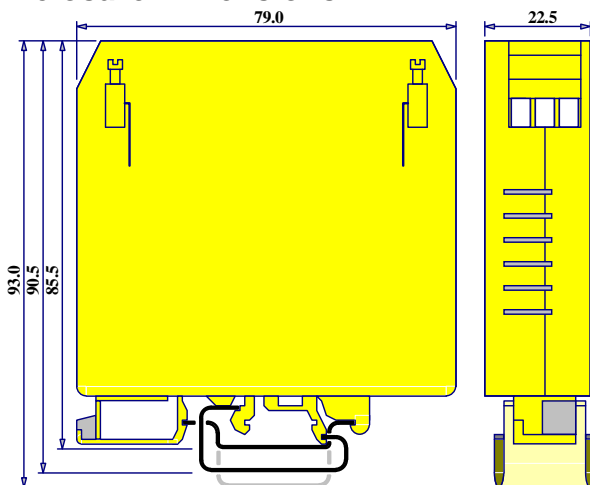
Specifications.

Input Voltage	5Vdc ±30%. Input Impedance > 500Ω (10mA) Typical.
	12Vdc ±30%. Input Impedance > 1.2kΩ (10mA) Typical.
	15Vdc ±30%. Input Impedance > 1.5kΩ (10mA) Typical.
	24Vdc ±30%. Input Impedance > 3kΩ (8mA) Typical.
	110Vdc ±30%. Input Impedance > 13kΩ (8mA) Typical.
	24Vac ±30%. Input Impedance > 3kΩ (8mA) Typical.
Output	Off State. > 150kΩ @ 30Vdc; On State. < 2Vdc @ 200mA.
Isolation Test Voltage	Input to Output 3000Vac 50Hz for 1 min.
Operating Frequency	dc Inputs: Up to 2kHz.
	ac Inputs: 100msec response time. Suitable for state change, not suitable for counting.
Operating Temperature & Humidity	0~70C. (Storage Temp. -20~80C.) 5~85% RH Max. Non-Condensing.
Dimensions	L=79, W=22.5, H=85mm.

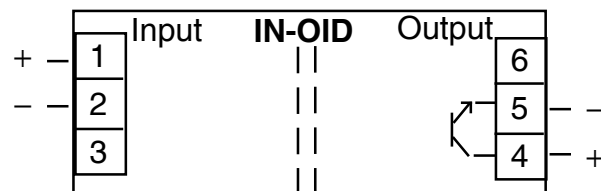
Product Liability. This information describes our products. It does not constitute guaranteed properties and is not intended to affirm the suitability of a product for a particular application. Due to ongoing research and development, designs, specifications, and documentation are subject to change without notification. Regrettably, omissions and exceptions cannot be completely ruled out. No liability will be accepted for errors, omissions or amendments to this specification. Technical data are always specified by their average values and are based on Standard Calibration Units at 25C, unless otherwise specified. Each product is subject to the 'Conditions of Sale'.

Warning: These products are not designed for use in, and should not be used for patient connected applications. In any critical installation an independent fail-safe back-up system must always be implemented.

Enclosure Dimensions.



Terminations.



Quality Assurance Programme.

The modern technology and strict procedures of the ISO9001 Quality Assurance Programme applied during design, development, production and final inspection grant long term reliability of the instrument.

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