



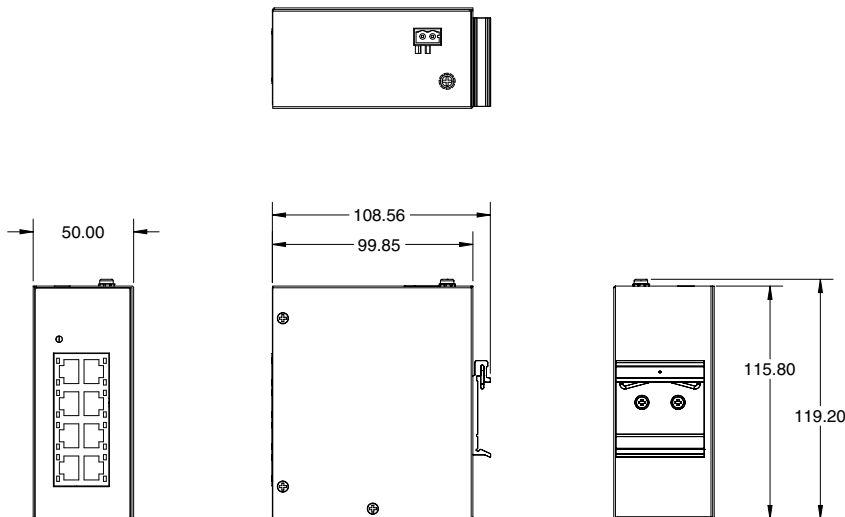
Ethernet switch unmanaged ICRL2-U-8RJ45-G-DIN

- Rugged housing for use in harsh environments
- Suitable for PROFINET IO and EtherNet/IP
- Extended temperature range
- Eight - Gigabit RJ45 ports

Ethernet unmanaged switch with 8 RJ45 ports and extended temperature range



Dimensions



Technical Data

General specifications

UL File Number	E223772
MTBF	70.6 a

Ethernet Interface

Number of ports	8
Auto-MDI(-X)	yes
Autonegotiation	yes
Ethernet Interface	Industrial Ethernet
Transfer rate	10BASE-T, 100BASE-TX, 1000BASE-T
Network performance	Jumbo frame size: 1552 bytes Broadcast storm protection for broadcast packet
Cable type	Category 5e or better

Switch properties

MAC address table size	4K
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Standards

IEEE 802.3 10BASE-T	yes
IEEE 802.3u 100BASE-TX	yes

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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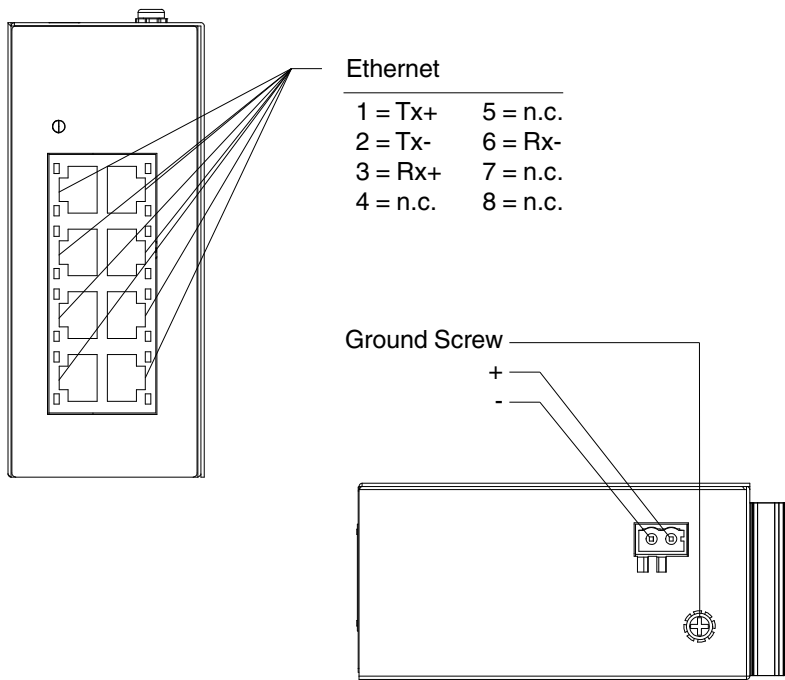
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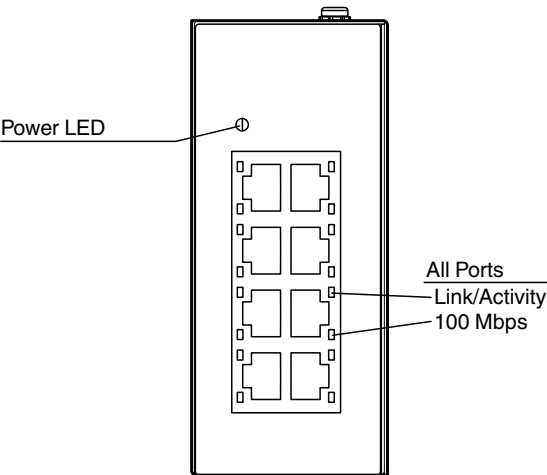
Technical Data

IEEE 802.3x Flow Control and Back-pressure		yes
IEEE 802.3ab 1000BASE-T		yes
Indicators/operating means		
LED indication		see manual
Electrical specifications		
Rated operating voltage	U _e	9 ... 57 V DC
Power consumption		5 W
General information		Current overload protection, Power input polarity protection Redundant power
Nominal voltage	U _N	24 V DC
Current consumption		typ. 7 mA
Interface 1		
Physical		RJ45
Transfer rate		10/100/1000 Mbps
Inputs/Outputs		
Number/Type		8 x RJ45
Directive conformity		
Electromagnetic compatibility		
Directive 2014/30/EU		EN 55011:2016-04 EN 55011/A1:2017-04 EN 55011/A11:2020-03 EN 55032:2015-07 EN 55032/A11:2020-03 EN 55035:2017-07 EN 55035/A11:2020-05
Standard conformity		
Electrical safety		CSA C22.2 No. 61010-1-12 UL 61010-1, IEC 61010-2-201
Emitted interference		EN 55032, FCC Part 15 Subpart B, ICES-003, AS/NZS CISPR 32
Noise immunity		EN 55035:2017/A11:2020
Shock resistance		EN 60068-2-27
Vibration resistance		IEC 60068-2-6
Ambient conditions		
Ambient temperature		-40 ... 75 °C (-40 ... 167 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Relative humidity		max. 95 %
Altitude		0 ... 3048 m
Mechanical specifications		
Degree of protection		IP30
Connection		Power Supply Terminal Block Ethernet 8 x RJ45
Material		
Housing		Aluminum
Mass		480 g
Dimensions		
Height		115.8 mm
Width		50 mm
Length		99.6 mm
Construction type		Cabinet module
Mounting		DIN rail or direct panel mounting

Connection



Indication



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