

Datasheet

Industrial Fast Ethernet Switch 5x10/100Base-TX

MS656100



Features

Fast Ethernet Switch

- Fanless Fast Ethernet Industrial-Switch
- 5x 10/100Base-TX
- 2k MAC-adress table
- Flow control

Connectors

- 5x 10/100Base-TX RJ-45
- Auto Negotiation
- Auto MDI/MDI-X

Enclosure

- DIN-Rail and wall mounting enabled
- Rigid IP-30 housing

Power

- Input 2x 12...48 VDC (typ. 24 VDC), redundant
- No power supply included

Management

- no management

Technical data

Switch

Type	Fast Ethernet Switch IEEE 802.3 for industrial use
Performance	Store-and-forward
MAC-Adresses	2.048 Adresses

Environmental

Operating Temp.	-40..+70 °C
Operating Hum.	5 ..5%, not-condensing
Storage Temp.	-40..+85 °C

Local ports (Twisted-Pair)

Number	5
Type	Fast Ethernet, Dual Speed 10/100Base-TX
Connector	RJ-45 Buchse, shielded
Cable	Shielded Twisted-Pair cable, Cat 5, 100 Ohm, length max. 100 m
Functions	Auto MDI/MDI-X, Auto Polarity

LED Indicators

Link	Ports 1..5 <i>Blinking acting</i> <i>green link</i>
Power	P 1..2 <i>green</i> power input on-line <i>off</i> power input off-line
Full Duplex	<i>orange</i> Full Duplex active

Power

Connector	4-pin screw terminal
Input	12...48VDC
Safety	Overload current protection
Consumption	3 Watts

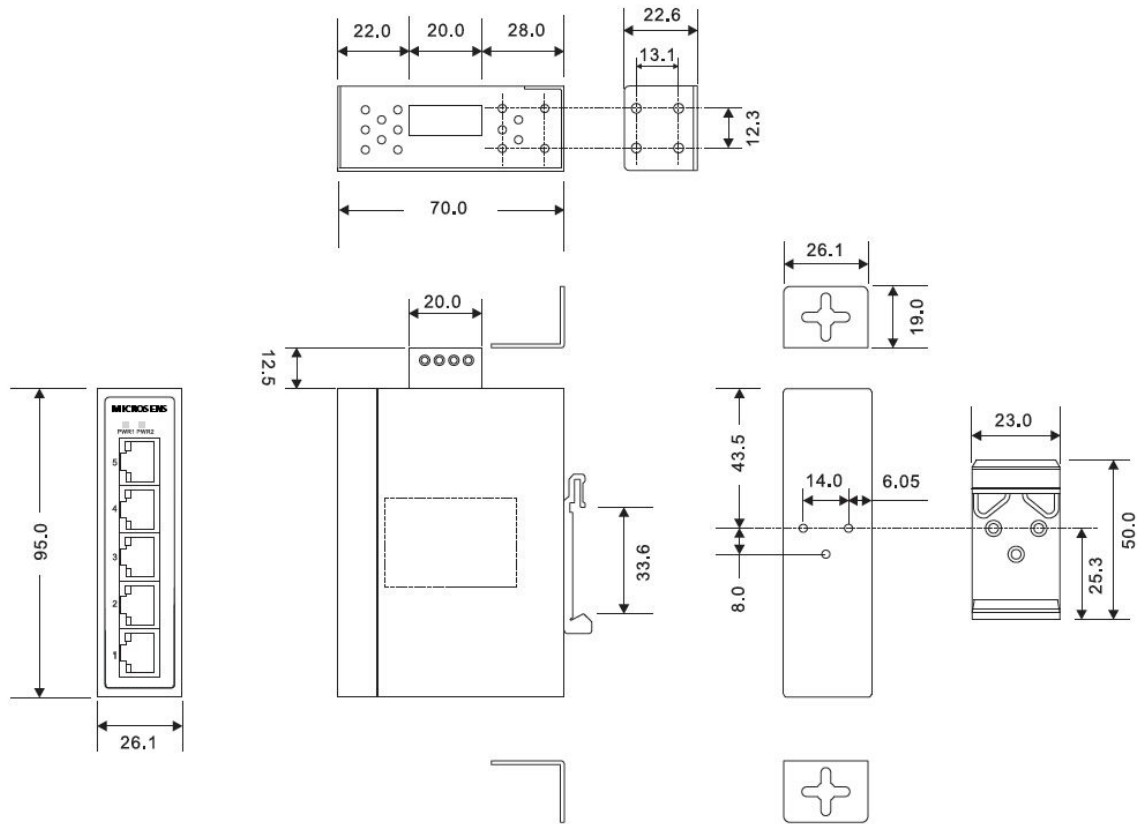
Physical Characteristics

Abmessungen	70 x 26,1 x 95 mm (W x H x D, without connectors)
Monting	Integrated DIN-rail-kit
Weight	205 g
Safety	IP30


Regulatory approvals

EMI /EMS	EN61000-4-2 EN61000-4-3 EN61000-4-4 EN61000-4-5 EN61000-4-6 EN61000-4-8 EN61000-4-11
Safety	CE / EN60950-1
Stability	IEC60068-2-32 (free Fall) IEC60068-2-27 (Shock) IEC60068-2-6 (Vibration)
Ethernet	802.3 10Base-T 802.3u 100Base-TX 802.3x Flow control

Drawing



Ordering information

	Description	Prod.-Nr.
	Switch	
	Industrial Fast Ethernet Switch 5x10/100Base-TX	MS656100
	Power supply	
	Hat-rail power supply 24 Watt 24 V / 1,0 A, wide range input 85-264 VAC, 85..375 VDC	MS700420

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