



<b>Identification</b>	Type	unm. switch ET-SWGU8ST
	Part-No.	772012
<b>Description</b>		
		10 / 100 / 1000 Mbit, autonegotiation, Auto MDI/MDI-X, DC 12 V / 24 V, redundant 8 Fast Ethernet ports, frame transmission up to 9 kB ESD 4 kV, Surge 3 kV
<b>Communication</b>		
Standard		IEEE 802.3, 802.3u, 802.3x
LAN		10 / 100 Base-TX, 10 / 1000 Base-T
Cable length (segment)		Max. 100 m (4-wire Cat.5e, Cat.6 RJ45 cable)
Transfer rate		max. 1000 Mbit/s
Connection technology (data)		8 × RJ45
Broadcast Storm Rate Limit		7926 pps
Status display communication		P1, P2, P-Fail, 10/100T(x): link/activity, duplex/collision
<b>Safety</b>		
ESD (Ethernet)		DD 4 kV
Surge (EFT for power)		DC 3 kV
Reverse voltage protection		Yes
Rated over load protection		1.6 A @ DC 12 V

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## Technical data sheet - Ethernet

### Monitoring

Power supply voltage monitoring	Relay, 1 normally open
Switching voltage	AC 120 V / DC 28 V
Switching current	1 A @ DC 24 V
Isolation voltage	DC 500 V

### General

Operation voltage range	DC 12–48 V, redundant
Power consumption	4.6 W
Protection class	IP20
Relative humidity (operation)	5% - 95% (non-condensing)
Relative humidity (storage)	0% - 95% (non-condensing)
Operation temperature range	-10 °C ... +60 °C
Storage temperature range	-40 °C ... +85 °C
Dimensions (w × h × d)	37.0 × 140.0 × 95.0 mm
Weight	0.600 kg/piece
Housing material	Metal
Mounting	DIN rail mountable TS35 (EN 60715)
Installation position	any
Connection device	Screw terminal plug-in 0.20 mm <sup>2</sup> – 2.5 mm <sup>2</sup>
Standards	UL 60950-1 CAN/CSA-C22.2 No. 60950 USA-FCC Part 15 CISPR22 EN 55011 EN 55022 Class A EN 61000-3-2/3 EN 55024 IEC 61000-4-2/3/4/5/6/8 EN 61000-6-2 IEC 60068-2-27 IEC 60068-2-32 IEC 60068-2-6
Approvals	cULus CE FCC
PU	1 piece

### Note

For more information on LED definition, see the data sheet.

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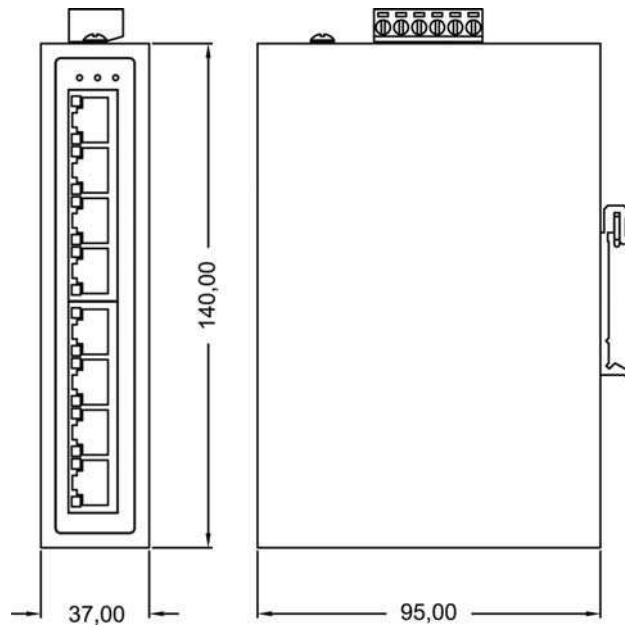
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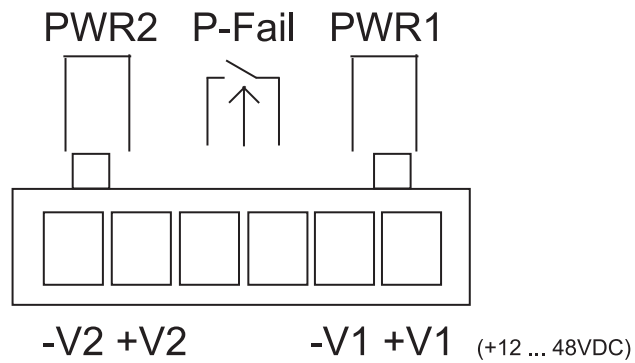


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Dimensions



PIN assignment



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## Technical data sheet · Ethernet

### LED status

LED	Color	Description	
P1	Green	On	Power input 1 ist active
		Off	Power input 1 is inactive
P2	Green	On	Power input 2 ist active
		Off	Power input 2 is inactive
P-Fail	Red	On	Power input 1 or 2 is active
		Off	Power input 1 and 2 are both active or no power input
1~5 (Upper LED)	Green	On	Connected to network
		Flashing	Network is active at speed of 100Mbps
		Off	Not connected to network
1~5 (Lower LED)	Green	On	Connected to network at speed of 1000Mbps
		Off	Not connected to network

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