



Identification	Type	unm. switch ET-SWU8ET
	Part-No.	772003
Description	10 / 100 Mbit, autonegotiation, Auto MDI/MDI-X, DC 12 V / 24 V, redundant 8 Fast Ethernet ports, Broadcast storm protection ESD 4 kV, surge 3 kV, expanded temperature range	
Communication	Standard IEEE 802.3, 802.3u, 802.3x LAN 10 / 100 Base-TX Cable length (segment) Max. 100 m Transfer rate max. 100 Mbit/s Connection technology (data) 8 × RJ45 Broadcast Storm Rate Limit 200 pps (200M), 20 pps (10M) Status display communication P1, P2, P-Fail, 10/100T(x): link/activity, duplex/collision	
Safety	ESD (Ethernet) DD 4 kV Surge (EFT for power) DC 3 kV Reverse voltage protection Yes Rated over load protection 0.9 A @ DC 12 V	

25.08.2017 – Subject to technical modification

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USA: LUTZE INC.

13330 South Ridge Drive • Charlotte, NC 28273, USA
Tel. +1 (704) 504-0222 • Fax +1 (704) 504-0223
www.lutze.com • info@lutze.com

United Kingdom: LÜTZE Ltd.

Unit 3, Sandy Hill Park
Sandy Way, Amington • GB-Tamworth, Staffs B77 4DU
Tel. +44 (0)1827 31333-0 • Fax +44 (0)1827 31333-2
www.lutze.com • sales.gb@lutze.co.uk



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	5 W
Protection class	IP20
Relative humidity (operation)	5% - 95% (non-condensing)
Relative humidity (storage)	0% - 95% (non-condensing)
Operation temperature range	-40 °C ... +75 °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 ² – 2.5 mm ²
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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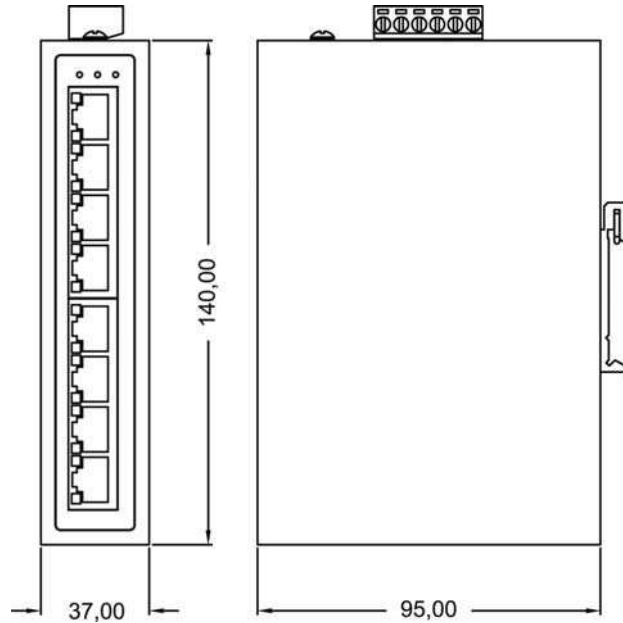
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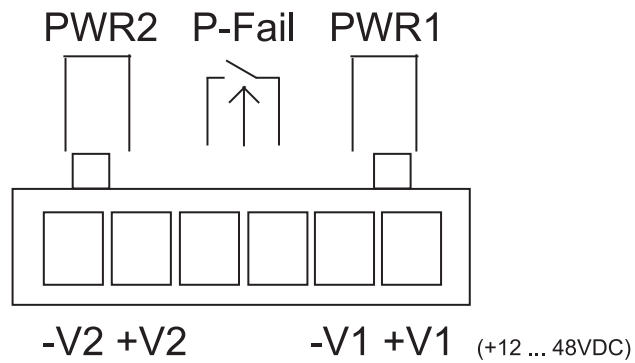


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Dimensions



PIN assignment



LED status

LED	Color	Description	
P1	Green	On	Power input 1 is active
		Off	Power input 1 is inactive
P2	Green	On	Power input 2 is 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
Link/Active	Green	On	Connected to network
		Flashing	Networking is active
		Off	Not connected to network
Duplex/ Collision	Yellow	On	Ethernet portfull duplex
		Flashing	Collision of packets occurs
		Off	Ethernet port half duplex or connect to network

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