



<b>Identification</b>	Type	unm. switch ET-SWU8ST
	Part-No.	772002
<b>Description</b>	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	
<b>Communication</b>	IEEE 802.3, 802.3u, 802.3x	
Standard	10 / 100 Base-TX	
LAN	Max. 100 m	
Cable length (segment)	max. 100 Mbit/s	
Transfer rate	8 × RJ45	
Connection technology (data)	200 pps (200M), 20 pps (10M)	
Broadcast Storm Rate Limit	P1, P2, P-Fail, 10/100T(x): link/activity, duplex/collision	
Status display communication		
<b>Safety</b>	DD 4 kV	
ESD (Ethernet)	DC 3 kV	
Surge (EFT for power)	Yes	
Reverse voltage protection	0.9 A @ DC 12 V	
Rated over load protection		

25.08.2017 – Subject to technical modification

Part-No. 772002

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	-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.

25.08.2017 – Subject to technical modification

Part-No. 772002

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

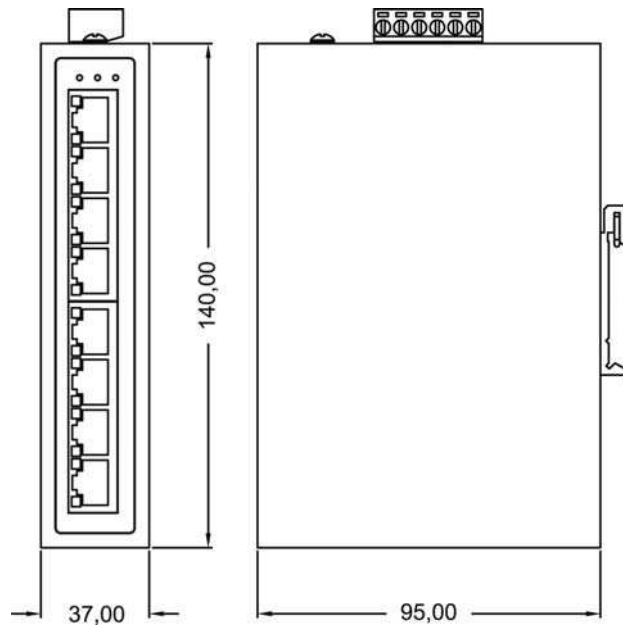
United Kingdom: LÜTZE Ltd.

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

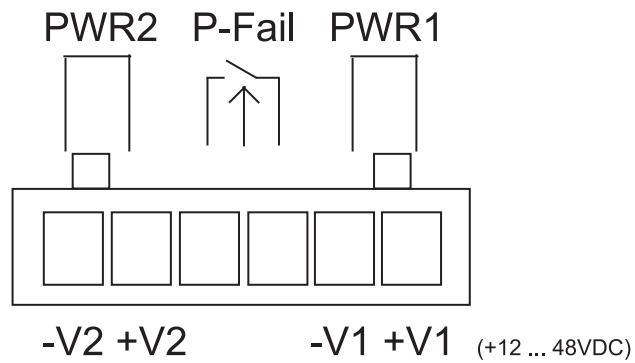


SYSTEMATIC TECHNOLOGY

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

25.08.2017 – Subject to technical modification

Part-No. 772002

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



SYSTEMATIC TECHNOLOGY