



Identification	Type	ET-SWGU5ST
	Part-No.	772010
Communication		
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)	
Rate of transmission	Max. 1000 Mbps	
Connection technology (data)	5 × RJ45	
Broadcast Storm Rate Limit	7926 pps	
Status Indication	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	
Monitoring		
Power supply voltage monitoring	Relay, 1 normally open	
Switching voltage	AC 120 V / DC 28 V	
Switching current	1 A @ DC 24 V	
Insulation voltage	DC 500 V	

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Technical data sheet - Ethernet

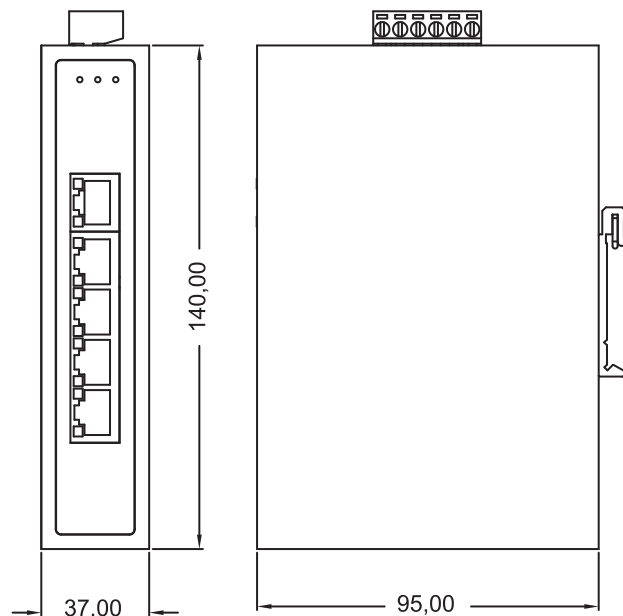
General

Operation voltage range	DC 12 V - DC 48 V, redundant
Power consumption	4.6 W
Protection class	IP 30
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 (kg/piece)	0.600
Housing material	Metal
Field installation	rail TS 35 (EN 50022)
Installation position	Any
Termination	Screw terminal, plug-in: 0.2–2.5 mm ²
Standards	UL 60950-1, CAN/CSA-C22.2 No.60950 U.S.A.: FCC Part 15 CISPR 22 EU: EN 55011, EN 61000-6-4, EN 55022 Class A, EN 61000-3-2/3, EN 55024, IEC 61000-4-2/3/4/5/6/8 EN 61000-6-2, IEC60068-2-27, IEC 60068-2-32, IEC 60068-2-6
Approvals	cULus, CE, FCC

Note

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

Dimensions



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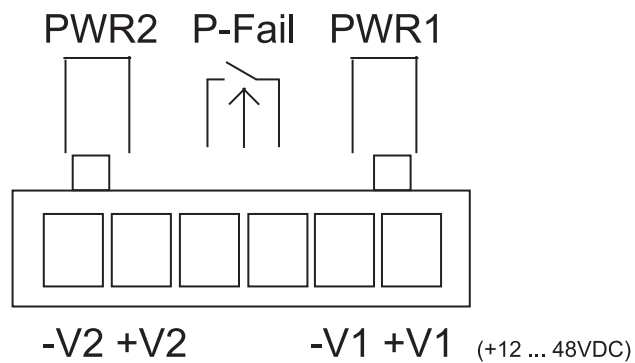
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SYSTEMATIC TECHNOLOGY

PIN assignment



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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