



Identification	Type	unm. switch ET-SWGU18ST
	Part-No.	772014
Description		
		10 / 100 / 1000 Mbit, autonegotiation, Auto MDI/MDI-X, DC 12 V / 24 V, redundant Simple and flexible expansion to fibre optic with SFP base
Communication		
Standard		IEEE 802.3, 802.3ab, 802.3u, 802.3x, 802.3z
LAN		100 Base-TX, 10 / 1000 Base-T, 1000 Base-SX/LX/LHX/XD/ZX/EZX
Cable length (segment)		Max. 100 m (4-wire Cat.5e, Cat.6 RJ45 cable)
Transfer rate		Ethernet: 10/100 Mbit/s, Gigabit Chopper: 10/100/1000 Mbit/s
Connection technology (data)		16 RJ45 + 2 RJ45/SFP (mini GBIC)
Status display communication		PWR1, PWR2, P-Fail, Gigabit Chopper: Link/Activity, Speed (1000Mbps), Gigabit SFP: Link/Activity
Safety		
ESD (Ethernet)		DD 4 kV
Surge (EFT for power)		DC 3 kV
Reverse voltage protection		Yes
Rated over load protection		3.5 A @ DC 12 V
Monitoring		

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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	6.5 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)	79.0 × 152.0 × 105.0 mm
Weight	1.100 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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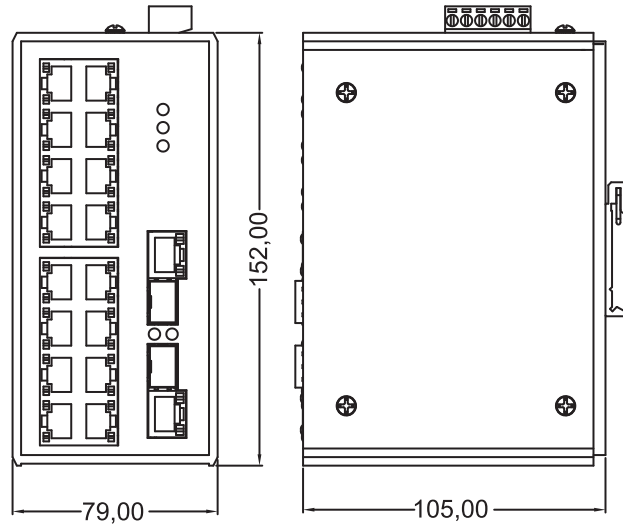
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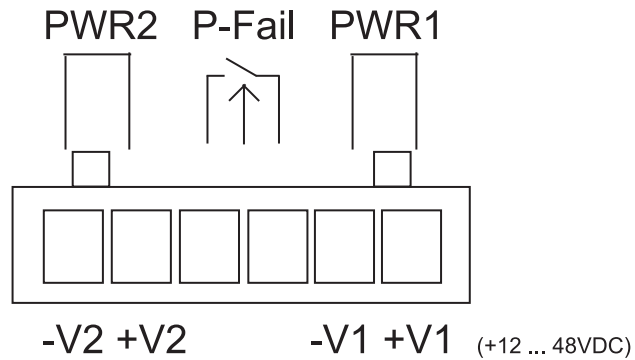
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Dimensions



PIN assignment



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LED status

LED	Color	Description	
PWR1	Green	On	Power input 1 ist active
		Off	Power input 1 is inactive
PWR1	Green	On	Power input 2 ist active
		Off	Power input 2 is inactive
P-Fail	Red	On	Power input 1 or 2 is inactive
		Off	Power input 1 and 2 are both active, or no power input
Link/Active (for G17, G18, SFP)	Green	On	SFP port is linking
		Flashing	Data is transmitting or receiving
		Off	Not connected to network
G17, G18 (RJ-45)	Green (Upper LED)	On	Connected to network
		Flashing	Network is active
		Off	Not connected to network
	Green (Lower LED)	On	The port is operating at speed of 1000M
		Off	The port is disconnected or not operating at speed of 1000M
1~16 (10/100TX)	Green (Upper LED)	On	Connected to network
		Flashing	Network is active
		Off	Not connected to network
	Green (Lower LED)	On	Ethernet port full duplex
		Flashing	Collision of packets occurs
		Off	Ethernet port half duplex or not connect to network

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