

Technical data sheet

Ethernet · Unmanaged 1GB E-CO Switch, 5-Port, 10/100/1000Base-T

LAN 10/100/1000 BASE-T RJ45 auto-MDI/MDI-X, auto negotiation

ESD 6 kV, 9 kV Jumbo Frames, Compact dimensions, Extended temperature range

Auto crossing, Reverse polarity protection, Auto polarity



Identification

Type	ET-SWGU5E
Part No.	772013

Product version

Datasheet version	00
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Communication

Standard	IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az Energy Efficient Ethernet (EEE) IEEE 802.1p Class of Service IEC 60068-2-32 (free fall), IEC 60068-2-27 (shock), IEC 60068-2-6 (vibration)
LAN	10/100/1000 Base-T RJ45 Auto-MDI/MDI-X, Auto Negotiation
Cable length (segment)	Max. 100 m
Transfer rate	max. 1000 Mbit/s
Connection technology (data)	5 × RJ45 7.4 Mpps @ 64 bytes
Status display communication	System: Power 1 (P1): green Power 2 (P2): green Alarm, (Fault): red Per 10/100TX RJ45 Ports: 10/100 LNK/ACT: green 100/1000 LNK/ACT: orange (/amber) Store-and-Forward
Jumbo Frame	9K

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	1 Mbit/s
Source Address Table	2K inputs, automatic source address learning and aging
FLOW Source	EEE 802.3x pause frame for full-duplex Back pressure for half-duplex
Switch Fabric	10 Gbps (non-blocking)

Safety

ESD (Ethernet)	DC 6 kV
Surge (EFT for power)	DC 4 kV
Reverse voltage protection	Yes

Monitoring

	Relay, 1 NO contact - 1 A @ DC 24 V
Switching current	1 A @ DC 24 V
Switching voltage	AC 120 V / DC 28 V
Isolation voltage	DC 500 V

General

Rated voltage U_N	DC 12 – 48 V redundant, AC 24 V
Nominal voltage range	9 V – 52 V
Rated current	3.6 W, DC: max. 0.17 A, AC: max. 0.15 A
Protection class	IP30
Relative humidity (operation)	5 % – 90 % (non-condensing)
Relative humidity (storage)	0 % – 90 % (non-condensing)
Operation temperature range	-40 °C ... +75 °C
Storage temperature range	-40 °C ... +75 °C
Dimensions (w × h × d)	30.0 mm × 104.0 mm × 70.0 mm
Weight/unit	0.252 kg
Housing material	Metal
Mounting	DIN rail mountable TS35 (EN 60715) Wall mounting
Installation position	Any
Connection type	6-pole pluggable screw terminal for power supply and fault diagnosis single wire/fine wire 0.25 mm ² – 2.5 mm ² AWG 20 – AWG 14 fine stranded wire with ferrule 0.25 mm ² – 1.5 mm ² AWG 20 – AWG 16
MTBF	>100000 h
PU (units)	1

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Certifications/Standards

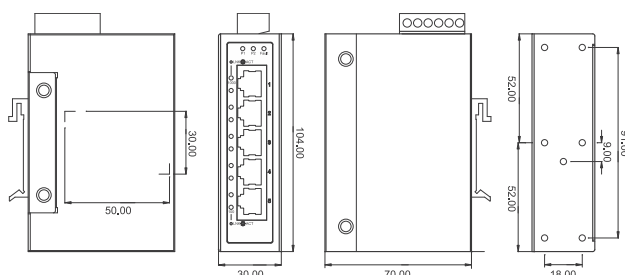
Certifications

CE
FCC
UKCA
UL in preparation

Standards

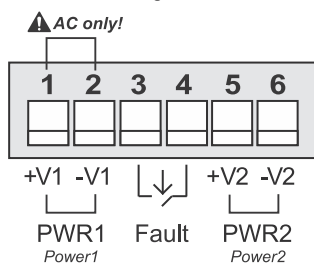
EN 55032
EN 55035
IEC 61000-4-2/3/4/5/6/8
IEC 60068-2-27
IEC 60068-2-32
IEC 60068-2-6

Dimensions



PIN assignment

Max. fault loading: 24V, 1A



LED status

			Anzeige Display Affichage	Farbe Color Couleur	Typ Type Type	Beschreibung Discription Discription		
P1	P2	Fault		P1	grün green vert	Power 1	grün an green on allumée en vert	PWR 1 ist angeschlossen PWR 1 is connected Le PWR 1 est connecté
				P2	grün green vert	Power 2	grün an green on allumée en vert	PWR 2 ist angeschlossen PWR 2 is connected Le PWR 2 est connecté
				Fault	rot red rouge	Fault	rot an red on allumée en rouge	Die AC- oder DC-Spannung hat einen Fehler. The AC or DC voltage has an error. La tension AC ou DC présente une erreur.
1000 LINK	ACT			1000 LINK/ACT	grün green vert	1000 LINK/ACT	grün an green on allumée en vert	Der Port arbeitet mit 1000 Mbps The port works with 1000 Mbps Le port fonctionne avec 1000 Mbps
				100 LINK/ACT	grün blinkt green flashes clignotements vert	Der Port empfängt oder sendet Daten The port is actively sending or receiving datas Le port reçoit ou envoie des données		
100 LINK	ACT			100 LINK/ACT	orange orange orange	100 LINK/ACT	orange an orange on allumée enorange	Der Port arbeitet mit 10/100 Mbps The port works with 10/100 Mbps Le port fonctionne avec 10/100 Mbps
				100 LINK/ACT	orange blinkt orange flashes clignotements orange	Der Port empfängt oder sendet Daten The port is actively sending or receiving datas Le port reçoit ou envoie des données		