

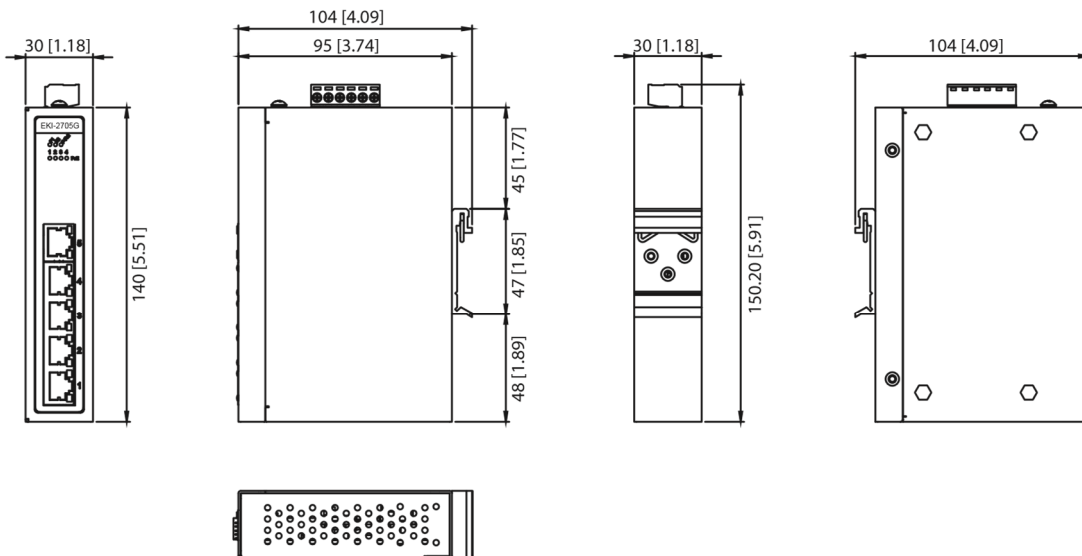
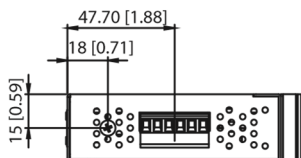
GOGAPLUG SWITCH U4P+1 unmanaged POE switch

- 5 Fast Ethernet-Ports mit 4 PoE Injektor-Funktion / 5 Fast Ethernet ports with 4 PoE power injection function
- 10/100/1000 Mbps; Auto-Negotiation / supports 10/100/1000 Mbps Auto-Negotiation
- Kompaktes Metallgehäuse aufschnappbar mit DIN-Schienen IP30 Montagehalterung / compact size with DIN-rail IP30 metal mechanism
- Stromversorgung 2x redundante 24 (4.12 A) ~ 48 (1,92 A) V DC Eingänge mit Verpolungsschutz / power redundant inputs with reverse polarity protection
- Relaisausgang für Alarm (1A, 24 V DC) / fault output relay
- Temperaturbereich -40°C bis +75°C / wide operating temperatures from -40 to 75 °C

Standard / standard: IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3z
LAN / local area network: 4 x 10/100 Mbps (RJ-45) + 1 x 10/100/1000 Mbps (RJ-45)
Übertragungslänge / transmission distance: max. 100m
Übertragungsgeschwindigkeit / transmission speed: Gigabit Kupfer / gigabit copper: 10/100/ (1000) Mbps, Auto-Negotiation
Anschluss Daten / connecting data: 4 x PoE Ports, 1 x Giga Ethernet
Anschluss für Versorgung und Alarmrelais / connecting power and alarm-relay: 6-polige Steckklemmen / 6-pole power jack
Statusanzeige / LED indicators: P1, P2, P-Fail: Link/Speed/Activity/POE
Leistungsaufnahme / power consumption: max. 2 W
Leistungsabgabe PoE/PoE+ / power output: max. 15,4 W / 30W
Abmessungen (B x H x T) / dimensions (W x H x D): 30 x 140 x 95 mm
Reverse Polarity: Present
Overload current: Present
Relative Luftfeuchte (Betrieb) / relative humidity (working): 10% - 95% (keine Betauung / non condensing)
MTBF: 1,697,086 Stunden/ hours
Sicherheit / safety: UL 62368, e-Mark(pending)
EMI: CE, FCC Class A
EMS: EN 61000-4-2, EN 61000-4-3, EN 61000-4-4
 EN 61000-4-5, EN 61000-4-6, EN 61000-4-8
Shock: IEC 60068-2-27
Vibration: IEC 60068-2-6
Freefall: IEC 60068-2-32



Typ	RJ45	PoE	Temperaturbereich	ArtNr	€
type	number	number	temperature range		/Stk. /pc.
SWITCH-U4P+1	5	4	-40°C - +75°C	444120	408,00



Preise gültig ab 01.01.2024 exkl. MwSt., freibleibend, **NETTOPREISE /**
 prices are valid from 01.01.2024 excl. VAT, subject to change, **NET PRICES**
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GOGAPLUG SWITCH M16P+4SFP managed POE switch

- 16 IEEE 802.3at/at PoE Ports
- Up to 420 W power budget
- SFP-Buchse für einfache und flexible Glasfasererweiterung / *SFP socket for easy and flexible fiber expansion*
- Redundanz: X-Ring Pro (ultra-schnelle Wiederherstellungszeit / *ultra-high-speed recovery time: <20 ms*), RSTP/STP (802.1w/1D)
- IXM-Funktion ermöglicht schnellen Einsatz / *IXM function enables fast deployment*
- Sicherheit: 802.1x (portbasiert, MD5/TLS/TTLS/PEAP-Verschlüsselung) RADIUS / *Security: 802.1x (port-based, MD5/TLS/TTLS/PEAP encryption)*
- Management: SNMP v1/v2c/v3, WEB, Telnet, standard MIB, private MIB
- Zwei 48 ~ 57V DC Stromeingänge und 1 x Relaisausgang / *Dual 48 ~ 57V DC power inputs and 1 x relay output (53-57 VDC für 802.3at)*
- Kompaktes Metallgehäuse aufschnappbar / *compact size with DIN-rail/Wall mount, and IP30 metal mechanism*
- Temperaturbereich -40°C bis +70°C / *wide operating temperatures from -40 to 70 °C*

Standard / standard: IEEE 802.3, 802.3u, 802.3x, 802.1D, 802.1w, 802.1p, 802.1Q, 802.1X, 802.3ad, 802.3ab

LAN / local area network: 10/100/1000 Base-T (X), optional 100Base-FX, 100Base-SX/LX/LHX/XD/ZX/EZX

Switch-Kapazität / switch capacity: 40 Gbps

Übertragungsrate / transmission rate: max. 29,7 Mpps

Anschluss Daten / connecting data: 16 x RJ45 + 4 x SFP (mini-GBIC)

Konsolen-Anschluss / console port: RS232 (RJ45)

Anschluss Versorgung und Alarmrelais / connecting power and alarm-relay: 6-polige Steckklemmen / *6-pole ower jack*

Statusanzeige / LED indicators:

System SYS, R.M, PWR1, PWR2, Alarm

Port LED: Port 1 -16 Link/Activity, Port 17-20 SFP Link/Activity, PoE: 1-16 Ports

Systemverbrauch / power input: 16 W

PoE Gesamtleistung / PoE total power budget: 420 W

Arbeitsspannungsbereich / working voltage range: 12 V DC bis 48 V DC, doppelt redundant / *redundant dual inputs*

Abmessungen (B x H x T) / dimensions (W x H x D): 97 x 152 x 105 mm

Reverse Polarity: Present

Overload current: Present

Relative Luftfeuchte (Betrieb) / relative humidity (working): 10% - 95% (keine Betauung / *non condensing*)

MTBF: TBD

Sicherheit / safety: IEC/EN 62368

EMC: CE, FCC Class A

EMS: EN 61000-4-2, EN 61000-4-3, EN 61000-4-4
EN 61000-4-5, EN 61000-4-6, EN 61000-4-8

Shock: IEC 60068-2-27

Vibration: IEC 60068-2-6

Freefall: IEC 60068-2-32

L2 Feature:

L2 MAC Address 8K

Jumbo Frame 9KB

VLAN group 256 (VLAN ID 1~4094)

VLAN group 802.1Q, GVRP, GMRP, 802.1ad VLAN stacking

Port Mirroring Per port, Multi-source port (4 Mirroring sessions Max.)

IP Multicast IGMP snooping v1/v2/v3, MLD snooping(256

Multicast Entries Max.)

Storm Control Broadcast, Multicast, Unknown unicast

Redundant Protocol IEEE 802.1D(STP), IEEE802.1s(MSTP), IEEE802.1w(RSTP),

X-Ring Pro, X-Chain, Dual homing, Coupling, ERPS G.8032

Quality of Service

QoS function Scheduling(STRICT/WRR), Port Priority, 802.1p, DSCP, IP TOS/ precedence

Rate limit Ingress/ Egress Rate limit

Max Priority Queues 8

Security

Port Security Static MAC, MAC violation notice, port-based loop detection

Authentication 802.1x (Port-based, MAC-based), RADIUS, TACACS+

Security Pack IP source guard, DoS attack prevention, DHCP snooping, ARP spoofing prevention,

L2/ L3/ L4 ACL (Access Control List)

Management feature

DHCP Client, Server, Option66/67/82, Port IP-Binding

Access SNMP v1/v2c/v3, WEB, Telnet, Console, RMON, Standard MIB, Private MIB

Security Access SSH (v2), SSL (v2), HTTPs

Software upgrade TFTP, HTTP, Dual Image

NTP server/ client, SNTP

Other IPv4, IPv6, Modbus TCP, IXM, N-Key for config file backup/ restore

Typ	Anzahl RJ45	Anzahl PoE	Anzahl LWL	ArtNr	€
<i>type</i>	<i>number of RJ45</i>	<i>number of PoE</i>	<i>number of optical</i>		<i>/Stk.</i>
					<i>/pc.</i>
SWITCH-M16P+4SFP	16	16	4 x SFP	444200	a.A.

a. A. = auf Anfrage / upon request

Preise gültig ab 01.01.2024 exkl. MwSt., freibleibend, **NETTOPREISE /**

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