OMS 1021 UP-GIG-CH (Swiss Version)

POF network socket 2 x RJ45 flush-mounted 1 Gbps - Gigabit Ethernet

Product Description

POF Gigabit flush-mounted Switch with integrated media converter to provide network access at the electrical installations.
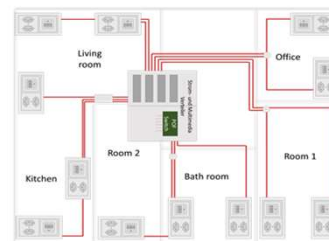
Power supply over L/N wiring clamp on the bottom of the device.

The POF gigabit network socket is suitable for home- and office networks with the need for high information rates. With the POF Gigabit network socket 2 common RJ45 gigabit interfaces can be provided in a room beside the electrical installation.

Standard cover plates for System Feller are included in the scope of delivery. (DIN AUE 8/8)

Application Example:

CE

Purchase Unit (PU)	Content	Unit	width (PU in mm)	depth (PU in mm)	height (PU in mm)	weight (PU in kg)
OMS 1021 UP-GIG-CH	1	Pcs.	75	75	60	0.11

Characteristics

product category	switch
ports / number of ports	2 x RJ45, 1 x POF
bandwidth	Gigabit Ethernet
operating temperature	-5 °C to +45 °C (23 °F to 113 °F)
degree of protection according to DIN EN 60529	IP20
class of protection according to DIN EN 61140	II
installation	flush-mounted
device dimensions (WxDxH) in mm	55.0 x 53.0 x 53.0
weight in gramm	88 g

Power and Consumption

power connector	internal power supply, L/N: wiring clamp for fixed wires 1.5 mm²
voltage rating	(100-240) V AC (50-60) Hz
power consumption	typ. 2.8 W

Network ports

number of network ports	2 x RJ45
information rate of network ports	1 Gbps
transmission distance of network ports	100 m
preferred cable for network ports	CAT 5e, 6
bandwidth network ports	100 MHz

Optical network ports

number of optical ports	1 x POF connector less / Broadcom for 2.2 mm POF cable
information rate of optical ports	1 Gbps
transmission distance of optical ports	1 Gbps up to 50 m, up to 80 m with ABR 1)
preferred cable for optical ports	POF 2.2 mm class A4a.2 according IEC60793-2
wave length of optical ports	650 nm visible red light, harmless to the eye

Standards

ethernet standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
CE / RoHS	CE marked, RoHS compliant
FCC	N/A

1) ABR means Adaptive Bit Rate. The reduction of the information rate is used for guarantee error free transmission if the signal strength is low or the length of the cable is above 50m.