OMC 100 REG

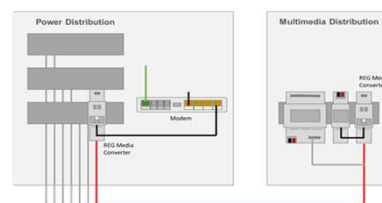POF DIN rail-mounted media converter 100 Mbps - Fast Ethernet

Product Description

POF 100 Mbps media converter for converting electrical signals into optical signals. Designed for DIN rail installation (1M).

Power supply via external power supply.
NOTE: The power supply is not included.

The DIN-rail mounted media converter is suitable for the integration of IP based Smart Home systems, sensors, actuators or other DIN-rail components in POF home- and office networks.

Application Example:

CE

Purchase Unit (PU)	Content	Unit	width (PU in mm)	depth (PU in mm)	height (PU in mm)	weight (PU in kg)
OMC 100 REG	1	Pcs.	100	75	27	0.06

Characteristics

product category	media converter
ports / number of ports	1 x RJ45, 1 x POF
bandwidth	Fast Ethernet
operating temperature	0 °C to +45 °C (32 °F to 113 °F)
degree of protection according to DIN EN 60529	IP20
class of protection according to DIN EN 61140	II
installation	DIN rail-mounted
device dimensions (WxDxH) in mm	17.8 x 70.4 x 90.4
weight in gramm	47 g

Power and Consumption

power connector	(8-24) V AC/DC external power supply (not included); L/N screw terminal
voltage rating	(100-240) V AC (50-60) Hz
power consumption	typ. 0.9 W

Network ports

number of network ports	1 x RJ45
information rate of network ports	100 Mbps
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 / Optolock for 2.2 mm POF cable
information rate of optical ports	100 Mbps
transmission distance of optical ports	80 m
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
CE / RoHS	EN 55022; EN 55024, EN 50581
FCC	N/A