



Part Number: OZD 485 G12 BAS

Interface converter electrical/optical for RS 485 field bus networks; repeater function; for quartz glass FO; electrical semi-duplex mode

Product Description

Interface converter electrical/optical for RS 485 field bus networks; repeater function; for quartz glass FO; electrical semi-duplex mode

Technical Specifications

Product description

Type:	OZD 485 G12 BAS
Name:	OZD 485 G12 BAS
Description:	Interface converter electrical/optical for RS 485 field bus networks; repeater function; for quartz glass FO; electrical semi-duplex mode
Part Number:	943 893-321
Port type and quantity:	2 x optical: BFOC 2.5 (STR) socket; 1 x electrical: 6-pin terminal block

Network size - length of cable

Multimode fiber (MM) 50/125 μm :	2300 m, 10 dB link budget at 860 nm; A = 3 dB/km
Multimode fiber (MM) 62.5/125 μm :	3100 m, 14 dB link budget at 860 nm; A = 3.5 dB/km
System delay time:	1,56 μs

Power requirements

Current consumption:	80 mA at 24 VDC, 65 mA at 32 VDC
Input voltage range:	-7 V ... +12 V
Operating Voltage:	18 ... 32 VDC (typ. 24 VDC)
Power consumption:	max 2.1 W

Ambient conditions

Operating temperature:	0-+60 °C
Storage/transport temperature:	-25-+80 °C
Relative humidity (non-condensing):	0-95 %

Mechanical construction

Dimensions (WxHxD):	35 mm x 156 mm x 119 mm
Weight:	180 g
Housing Material:	plastics
Mounting:	DIN rail
Protection class:	IP20

Approvals

Basis Standard:	EU Conformity, AUS Conformity Australia
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Scope of delivery and accessories

Scope of delivery:	device, start-up instructions
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