




Product information OZDV 2471 G-1300

Fiber Interfaces:LWL converter for serial signals:OZDV 2471 G-1300

<http://e-catalog.hirschmann.com/link/57078-57141-57135-38306/en/conf/ui/istate>

| | |
|---|--|
| Name | OZDV 2471 G-1300 |
| |  |
| | interface converter electrical/optical for V.24; for quartz glass FO; for plugging onto the Sub-D socket provided on the terminal or mounting onto a DIN rail (with DIN rail adapter accessories); long-haul version |
| Delivery informations | |
| Availability | available |
| Product description | |
| Description | interface converter electrical/optical for V.24; for quartz glass FO; for plugging onto the Sub-D socket provided on the terminal or mounting onto a DIN rail (with DIN rail adapter accessories); long-haul version |
| Port type and quantity | 1 electrical port: 25-pin Sub-D connector, male; 1 optical port: 2 sockets BFOC 2.5 (STR) |
| Setting possibilities | DTE- or DCE operating mode voltage supply internally via pin 11/pin 18 Sub-D socket or externally via low voltage socket shield ground galvanically connected or not connected to signal ground |
| Type | OZDV 2471 G-1300 |
| Order No. | 933 990-021 |
| Electrical interface | |
| Signal type | V.24 (RS 232 D) interface level |
| Bit rate | DC to 115 kbit/s (DC coupling) |
| Bit error frequency | < 10 ⁻⁹ |
| Terminal assignment data | pin 1: PGND; pin 7: GND; pin 11: Vcc; pin 4+5 and pin 6+8+20 bridged DTE operation: pin 2 TxD, pin 3 RxD DCE operation: pin 2 RxD, pin 3 TxD |
| Optical interface | |
| Wavelength | 1300 nm |
| More Interfaces | |
| Power supply | 4-pin low voltage plug, M8 shape according to IEC 947-5-2 or 25-pin Sub-D connector (pin 11/pin 18) |
| Network size - length of cable | |
| Single mode fiber (SM) 9/125 µm | 0 - 32000 m 18 dB link budget, A = 0.5 dB/km, 2 dB reserve |
| Multimode fiber (MM) 50/125 µm | 0 - 19000 m 21 dB link budget, A = 1.0 dB/km, 2 dB reserve |
| Multimode fiber (MM) 62.5/125 µm | 0 - 12000 m 21 dB link budget, A = 1.5 dB/km, 2 dB reserve |
| Multimode fiber HCS (MM) 200/230 µm | - |
| Multimode fiber POF (MM) 980/1000 µm | - |
| Power requirements | |
| Operating voltage | +5 VDC via PSW 5-24 plug-in power supply or + 5 VDC +-5% external supply or +8 ... +15 VDC external supply |
| Current consumption | 90 mA (max. 120 mA) |
| Power consumption | 0.6 W/1.8 W |
| Ambient conditions | |
| Operating temperature | -20 °C to +50 °C |
| Storage/transport temperature | -20 °C to +70 °C |



Fiber Interfaces:LWL converter for serial signals:OZDV 2471 G-1300

<http://e-catalog.hirschmann.com/link/57078-57141-57135-38306/en/conf/uistate>

| | |
|--|---|
| Relative humidity | 10% to 90% |
| Mechanical construction | |
| Dimensions (W x H x D) | 56.5 x 18 x 80 mm |
| Mounting | plugging onto the terminal unit |
| Weight | 135 g |
| Protection class | IP 40 |
| Housing material | die-cast zinc |
| Approvals | |
| Issued or requested approvals | C-Tick |
| Scope of delivery and accessories | |
| Scope of delivery | device, operating instructions |
| Accessories to order separately | plug-in power supply PSW 5-24 DIN rail adapter OZDV HA |

For more information please contact:

Hirschmann Automation and Control GmbH

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: inet-sales@belden.com

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.