



## Product information OZDV 2471 P

Fiber Interfaces:LWL converter for serial signals:OZDV 2471 P

<https://www.e-catalog.beldensolutions.com:443/link/57078-57141-57135-38304/en/conf/uisstate>

<b>Name</b>	OZDV 2471 P
	
	interface converter electrical/optical for V.24; for plastic FO; for plugging onto the Sub-D socket provided on the terminal or mounting onto a DIN rail (with DIN rail adapter accessories)
<b>Delivery informations</b>	
<b>Availability</b>	available
<b>Product description</b>	
<b>Description</b>	interface converter electrical/optical for V.24; for plastic FO; for plugging onto the Sub-D socket provided on the terminal or mounting onto a DIN rail (with DIN rail adapter accessories)
<b>Port type and quantity</b>	1 electrical port: 25-pin Sub-D connector, male; 1 optical port: 2 sockets BFOC 2.5 (STR)
<b>Setting possibilities</b>	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
<b>Type</b>	OZDV 2471 P
<b>Order No.</b>	943 340-021
<b>Electrical interface</b>	
<b>Signal type</b>	V.24 (RS 232 D) interface level
<b>Bit rate</b>	DC to 115 kbit/s (DC coupling)
<b>Bit error frequency</b>	< 10 <sup>-9</sup>
<b>Terminal assignment data</b>	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
<b>Optical interface</b>	
<b>Wavelength</b>	665 nm
<b>More Interfaces</b>	
<b>Power supply</b>	4-pin low voltage plug, M8 shape according to IEC 947-5-2 or 25-pin Sub-D connector (pin 11/pin 18)
<b>Network size - length of cable</b>	
<b>Single mode fiber (SM) 9/125 µm</b>	-
<b>Multimode fiber (MM) 50/125 µm</b>	-
<b>Multimode fiber (MM) 62.5/125 µm</b>	-
<b>Multimode fiber HCS (MM) 200/230 µm</b>	0 - 2100 m; 20 dB link budget, A = 8.0 dB/km, 3 dB reserve (Above 38.4 kBit/s reduced by 3 dB, transmission distance reduced accordingly.)
<b>Multimode fiber POF (MM) 980/1000 µm</b>	0 - 100 m; 29 dB link budget, A = 0.25 dB/m, 2 dB reserve (Above 38.4 kBit/s reduced by 3 dB, transmission distance reduced accordingly.)
<b>Power requirements</b>	
<b>Operating voltage</b>	+5 VDC via PSW 5-24 plug-in power supply or + 5 VDC +-5% external supply or +8 ... +15 VDC external supply
<b>Current consumption</b>	90 mA (max. 120 mA)
<b>Power consumption</b>	0.6 W/1.8 W
<b>Ambient conditions</b>	
<b>Operating temperature</b>	-20 °C to +50 °C
<b>Storage/transport temperature</b>	-20 °C to +70 °C
<b>Relative humidity</b>	10% to 90%
<b>Mechanical construction</b>	
<b>Dimensions (W x H x D)</b>	56.5 x 18 x 76 mm



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<b>Mounting</b>	plugging onto the terminal unit
<b>Weight</b>	110 g
<b>Protection class</b>	IP 40
<b>Housing material</b>	die-cast zink
<b>Approvals</b>	
<b>Issued or requested approvals</b>	C-Tick
<b>Scope of delivery and accessories</b>	
<b>Scope of delivery</b>	device, operating instructions, 2 BFOC optical plugs
<b>Accessories to order separately</b>	plug-in power supply PSW 5-24 DIN rail adapter OZDV HA

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