




Product information OZDV 2451 G

Fiber Interfaces:LWL converter for serial signals:OZDV 2451 G

<http://e-catalog.hirschmann.com/link/57078-57141-57135-38303/en/conf/ui/state>

Name	OZDV 2451 G
	
	interface converter electrical/optical for V.24; power supply through data signal; 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)
Delivery informations	
Availability	available
Product description	
Description	interface converter electrical/optical for V.24; power supply through data signal; 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)
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 external voltage supply via pin 11 or internally from the data signal shield ground galvanically connected or not connected to signal ground
Type	OZDV 2451 G
Order No.	943 299-021
Electrical interface	
Signal type	V.24 (RS 232 D) interface level
Bit rate	DC to 20 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	860 nm
More Interfaces	
Power supply	from the data signal (electrical interface) or 25-pin Sub-D connector (pin 11)
Network size - length of cable	
Single mode fiber (SM) 9/125 µm	-
Multimode fiber (MM) 50/125 µm	0 - 1500 m 7.5 dB link budget, A = 3.0 dB/km, 3 dB reserve
Multimode fiber (MM) 62.5/125 µm	0 - 2000 m 10 dB link budget, A = 3.5 dB/km, 3 dB reserve
Multimode fiber HCS (MM) 200/230 µm	-
Multimode fiber POF (MM) 980/1000 µm	-
Power requirements	
Operating voltage	no external power supply required; with supply via pin 11: -20 V ... -5 V or +5 V ... +20 V
Current consumption	3.3 mA (max. 3.8 mA) via data signal
Power consumption	20 mW at 4.5 V
Ambient conditions	
Operating temperature	0 °C to +50 °C
Storage/transport temperature	-20 °C to +70 °C
Relative humidity	10% to 90%
Mechanical construction	
Dimensions (W x H x D)	56.5 x 18 x 76 mm



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Mounting	plugging onto the terminal unit
Weight	110 g
Protection class	IP 40
Housing material	die-cast zink
Approvals	
Issued or requested approvals	C-Tick
Scope of delivery and accessories	
Scope of delivery	device, operating instructions
Accessories to order separately	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

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