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Product information Greyhound Module - GRM20-VVVVVVSV9HHS

Industrial Ethernet: Ruggedized Switches: GREYHOUND Gigabit Ethernet Switch and Media Modules: Greyhound Module

<http://www.e-catalog.beldensolutions.com/link/57078-24455-49846-433327-433609/en/GRM20-VVVVVVSV9HHS/ui:state>

Name	Greyhound Module
	
	Fast Ethernet media module
Delivery informations	
Availability	available
Product description	
Type	GRM20-VVVVVVSV9HHS
Order No.	GRM20-VVVVVVSV9HHS
Description	Fast Ethernet media module
Port type base unit	8 x ports in total; 8 x FE SM, SC;
Network size - length of cable	
Single mode fiber (SM) 9/125 µm	0 - 32,5 km, 16 dB Link Budget at 1300 nm, A = 0,4 dB/km, 3 dB reserve, D = 3,5 ps/(nm x km)
Power requirements	
Operating voltage	power supply via GREYHOUND switch
Power consumption	10.0
Ambient conditions	
Operating temperature	0 °C ... 60 °C
Storage/transport temperature	-40 °C ... 70 °C
Relative humidity (non-condensing)	5 % ... 95 %
Mechanical construction	
Weight	450g - 650g depending on variant
Protection class	IP30
Mechanical stability	
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration	1 mm, 2 Hz-13.2 Hz, 90 min.; 0.7 g, 13.2 Hz-100 Hz, 90 min.; 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1 g, 9 Hz-150 Hz, 10 cycles, 1 octave/min
EMC interference immunity	
EN 61000-4-2 electrostatic discharge (ESD)	8 kV contact discharge, 15 kV air discharge
EN 61000-4-3 electromagnetic field	35 V/m (80-2700 MHz); 1 kHz, 80% AM
EN 61000-4-4 fast transients (burst)	4 kV power line, 4 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line, IEEE1613: power line 5 kV (line/earth)
EN 61000-4-6 conducted immunity	3 V (10 kHz-150 kHz), 10 V (150 kHz-80 MHz)
EN 61000-4-16 mains frequency voltage	30 V, 50 Hz continuous; 300 V, 50 Hz 1 s
EMC emitted immunity	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A
Approvals	
Safety of industrial control equipment	EN61131, EN60950
Substation	IEC61850, IEEE1613
Scope of delivery and accessories	
Scope of delivery	Device



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