




## Product information Greyhound Module - GRM20-MMMMTTTSV9HHS

Industrial Ethernet:Ruggedized Switches:GREYHOUND Gigabit Ethernet-Switch, media modules and power supplies:Greyhound Module

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49846-433327-433609/en/GRM20-MMMMTTTSV9HHS/ui:state>

Name	Greyhound Module
	
	Fast Ethernet media module
<b>Delivery informations</b>	
Availability	available
<b>Product description</b>	
Type	GRM20-MMMMTTTSV9HHS
Order No.	GRM20-MMMMTTTSV9HHS
Description	Fast Ethernet media module
Port type base unit	8 x ports in total; 4 x FE/RJ45; 4 x FE MM, SC;
<b>Network size - length of cable</b>	
Twisted pair (TP)	0 m ... 100 m
Multimode fiber (MM) 50/125 µm	0 - 5000 m, 8 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 800 MHz x km
Multimode fiber (MM) 62.5/125 µm	0 - 4000 m, 11 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 500 MHz x km
<b>Power requirements</b>	
Operating voltage	power supply via GREYHOUND switch
Power consumption	10.0
<b>Ambient conditions</b>	
Operating temperature	0 °C ... 60 °C
Storage/transport temperature	-40 °C ... 70 °C
Relative humidity (non-condensing)	5 % ... 95 %
<b>Mechanical construction</b>	
Weight	450g - 650g depending on variant
Protection class	IP30
<b>Mechanical stability</b>	
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
<b>EMC interference immunity</b>	
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
<b>EMC emitted immunity</b>	
FCC CFR47 Part 15	FCC 47 CFR Part 15 Class A
EN 55022	EN 55022 Class A
<b>Approvals</b>	
Safety of industrial control equipment	EN61131, EN60950
Substation	IEC61850, IEEE1613
<b>Scope of delivery and accessories</b>	
Scope of delivery	Device



# HIRSCHMANN

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