

Product: GPS3-PTVYHH

Configurator: GPS3-PTVYHH



Configurator Description

GREYHOUND power supplies, available in high- or low-voltage options, can be changed in the field.

Technical Specifications

Product description

Description	Power supply GREYHOUND Power over Ethernet (PoE) and switch
Part Number	942136005

Power requirements

Operating Voltage	48 to 54 V DC (PoE/PoE+)
Power consumption	5.5 W + 180W PoE
Power output in BTU (IT)/h	19

Ambient conditions

MTBF (Telecordia SR-332 Issue 3) @ 25°C	4 101 007 h
Operating temperature	-40-+70 °C
Note	IEC 60068-2-2 Dry Heat Test +85°C 16 Hours
Storage/transport temperature	-40-+85 °C
Relative humidity (non-condensing)	5-95 %

Mechanical construction

Weight	750 g
Protection class	IP30

Mechanical stability

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
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks

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); data line: 1 kV; IEEE1613: power line 5kV (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

EN 55032	EN 55032 Class A
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Approvals

Basis Standard	CE, FCC, EN61131
Safety of industrial control equipment	EN60950, cUL60950

Substation	IEC61850, IEEE1613
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Scope of delivery and accessories

Accessories	Power Cord, 942 000-001
Scope of delivery	Device, General safety instructions

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