



HUG-800GSEN



Introduction

Overview

新しくよりパワフルなHuskyシリーズ HUG-800GSEN は、IEEE 802.3/802.3u/802.3ab/802.3x with 10/100/1000Mbps、full/half duplex、Auto MDI/MDI-X 対応のRJ-45をサポートする、Industrial 5ポートスリムアンマネージドフルギガビットイーサネットスイッチです。IP30堅牢ハウジングを採用したコンパクトスイッチは、広範な冗長デュアル電源入力 12/24/48VDC 及びアラームリレーコンタクトが装備されており、簡単に設置できます。HUG-800GSEN は、EN 61000-6-2 及び EN 61000-6-4 の認定を受けているだけでなく、産業用機器共通の規格 EMS/EMIに準拠するよう設計されています。このスイッチは安定した信頼性の高いイーサネット通信を提供し、特に厳しい環境および産業オートメーションアプリケーションに適しています。

Features

- High Performance Network Switching Technology**
 - Complies with IEEE standards
 - Provides 8 x 10/100/1000Base-T(X) with RJ-45 connector
 - Provides DIP switch for broadcast storm protection and alarm setting
- Reliable Power Design**
 - Supports 12 to 48VDC redundant power input
- Robust Industrial Design**
 - EN 61000-6-2 and EN 61000-6-4 certified to use in heavy industrial environment
 - EN 50121-4 certified for Railway Applications (Track Side)
 - Robust industrial design case complies with IP30 housing standard
 - Supports operating temperature -10 to 70°C & extended temperature -40 to 80°C
 - DIN-Rail or optional wall mounting installation
- Power reverse polarity protection and overload current protection**

Specifications

Hardware Specifications

Interface

Total Ports: 8 ports
RJ-45 Ports: 8 x 10/100/1000Base-T(X) auto-negotiation speed, Full/Half duplex, auto MDI/MDI-X
LEDs: System: Power 1 (Green), Power 2 (Green), Fault (Amber)
 RJ-45 Ports: 100 (Green), 1000 (Yellow)
DIP Switch: DIP 1: OFF (Enable power failure alarm) / ON (Disable)
 DIP 2: OFF (Enable broadcast storm protection) / ON (Disable broadcast storm protection)
 DIP 3: OFF (Enable Green Ethernet) / ON (Disable Green Ethernet)
 DIP 4: Reserved
Alarm Contact: 1A@24VDC

Power Requirements

Power Input: 12 to 48VDC, redundant dual inputs
Power Consumption: 12VDC/7W, 24VDC/7W, 48VDC/8.7W
Power Protection: Reverse polarity protection, overload current protection

Physical

Dimensions: IP30 standard, 31.6mm (W) x 142.1mm (H) x 106mm (D)
Installation: DIN-Rail or optional wall mounting

Environmental

Operating Temperature: Regular: -10 to 70°C, Extended: -40 to 80°C
Storage Temperature: -40 to 85°C

Operating Humidity: 5% to 95% RH (Non-condensing)

Technical Standard:

IEEE 802.3 10Base-T Ethernet
 IEEE 802.3u 100Base-TX/100Base-FX
 IEEE 802.3ab 1000Base-T
 IEEE 802.3x Flow Control

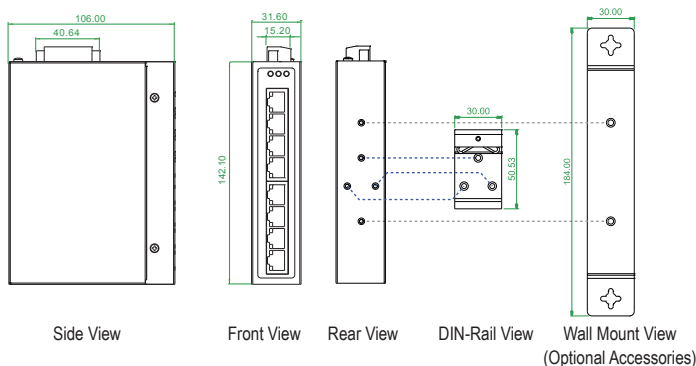
Protocol Technology: CSMA/CD

Switching Architecture: Store and Forward

Regulatory Approvals

EMC: CE, EN 61000-6-2, EN 61000-6-4
EMI: FCC Part 15 Subpart B Class A, CE EN55022 Class A
EMS: EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8
Railway Application (Track Side): EN 50121-4 (Certified)
Shock: IEC 60068-2-27
Vibration: IEC 60068-2-6
Free Fall: IEC 60068-2-32
Environmental: WEEE, RoHS
MTBF: 747,984 hours based on Mil-Hdbk-217F, GB
Warranty: 5 years

Dimensions (unit=mm)



Ordering Information

HUG-800GSN	Industrial 8 x 10/100/1000Base-T(X) Slim Unmanaged Full Gigabit Ethernet Switch, -10 to 70°C
HUG-800GSEN	Industrial 8 x 10/100/1000Base-T(X) Slim Unmanaged Full Gigabit Ethernet Switch, -40 to 80°C