



HUG-828EN



»»»Introduction»»»

Overview

The new and more powerful Husky Series HUG-828EN is an Industrial 8-port Gigabit Unmanaged Ethernet Switch with 2-ports 1000Base SFP which supports IEEE 802.3z and with 8-ports 10/100Mbps, full/half duplex and MDI/MDI-X auto-sensing RJ-45. The switch is designed with wide range redundant power input 12/24/48VDC with IP30 robust enclosure for easy installation. HUG-828EN is engineered to comply with heavy industrial grade EMS/EMI as well as certified by EN 61000-6-2 and EN 61000-6-4 certified. The switch provides a stable and reliable Ethernet transmission and is especially designed for harsh environments and special needs of industrial automation applications.

»»»Features»»»

High Performance Network Switching Technology

- Complies with IEEE standards
- Provides 8 x 10/100Base-T(X) with RJ-45 connector
- Provides 2 x 1000Base SFP slot
- Provides DIP switch for alarm setting

Reliable Power Design

- Supports 12 to 48VDC redundant power input

- Power reverse polarity protection and overload current protection

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

»»»Specifications»»»

Hardware Specifications

Interface

Total Ports: 10 ports

RJ-45 Ports: 8 x 10/100Base-T(X) auto-negotiation speed, Full/Half duplex, auto MDI/MDI-X

Fiber Ports: 2 x 1000Base SFP slot

LEDs: System: Power 1 (Green), Power 2 (Green), Fault (Amber)

RJ-45 Ports: 10/100 Link/Active (Green), Speed 100 (Yellow)

Fiber Ports: Link/Active (Green)

DIP Switch: DIP 1: OFF (Enable power failure alarm) / ON (Disable)

Alarm Contact: 1A@24VDC

Power Requirements

Power Input: 12 to 48VDC, redundant dual inputs

Power Consumption: 4.4 watts max.

Power Protection: Reverse polarity protection, overload current protection

Physical

Dimensions: IP30 standard, 72mm (W) x 152mm (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 802.3x Flow Control

IEEE 802.3z Gigabit Fiber

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

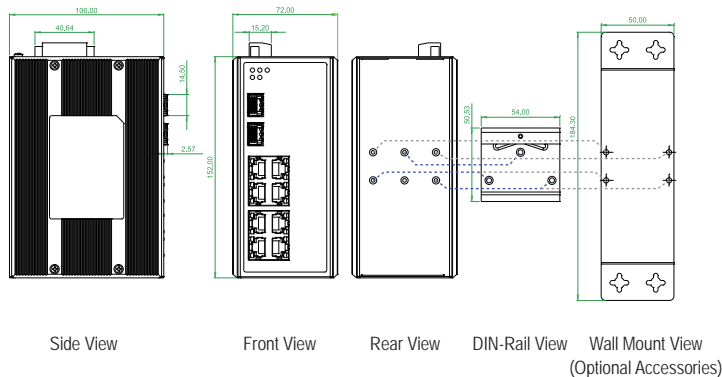
Free Fall: IEC 60068-2-32

Environmental: WEEE, RoHS

MTBF: 837,414 hours based on Mil-Hdbk-217F, GB

Warranty: 5 years

»»»Dimensions (unit=mm)»»»



»»»Ordering Information»»»

HUG-828N	Industrial 8 x 10/100Base-T(X) + 2 x 1000Base SFP Gigabit Unmanaged Ethernet Switch, -10 to 70°C
HUG-828EN	Industrial 8 x 10/100Base-T(X) + 2 x 1000Base SFP Gigabit Unmanaged Ethernet Switch, -40 to 80°C