Industrial 5-ports Slim Unmanaged Ethernet Switch

HUE-500SEN

EN 61000-6-2
EN 61000-6-4

EN 50121-4

WEEE

RoHS

GLOBAL WARRANTY

CE FC UL

Introduction

Overview

The new and more powerful Husky Series HUE-500SEN is an Industrial 5-ports Slim Unmanaged Ethernet Switch that which supports IEEE 802.3/802.3u/802.3x with 10/100Mbps, full/half duplex and MDI/MDI-X auto-sensing RJ-45 ports. The compact switch is equipped wide range power input 12/24/48VDC or 24VAC with IP30 compact size robust enclosure for easy installation. HUE-500SEN 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. HUE-500SEN supports two types of operating temperature, standard (-10 to 70°C) and extended (-40 to 80°C).

Features

High Performance Network Switching Technology
- Complies with IEEE standards
- Provides 5 x 10/100Base-T(X) with RJ-45 connector

Reliable Power Design
- Supports 12 to 48VDC or 24VAC power input
- Power reverse polarity protection (DC only) 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: 5 ports
RJ-45 Ports: 5 x 10/100Base-T(X) auto-negotiation speed, Full/Half duplex, auto MDI/MDI-X
LEDs: System: Power (Green)
RJ-45 Ports: 10/100 Link/Active (Green), Speed 100 (Yellow)

Power Requirements
Power Input: 12 to 48VDC or 24VAC power input
Power Consumption: 12VDC/0.9W, 24VDC/1.2W, 48VDC/2W
Power Protection: Reverse polarity protection (DC only), overload current protection

Physical
Dimensions: IP30 standard, 30mm (W) x 103mm (H) x 70mm (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
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)
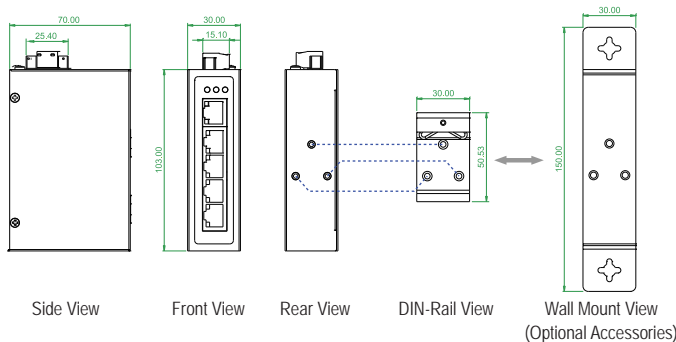**Shock**: IEC 60068-2-27
Vibration: IEC 60068-2-6
Free Fall: IEC 60068-2-32
Environmental: WEEE, RoHS
MTBF: 1,738,327 hours based on Mil-Hdbk-217F, GB
Warranty: 5 years

Dimensions (unit=mm)

Side View   Front View   Rear View   DIN-Rail View   Wall Mount View (Optional Accessories)

Ordering Information

HUE-500SN	Industrial 5 x 10/100Base-T(X) Slim Unmanaged Ethernet Switch, -10 to 70°C
HUE-500SEN	Industrial 5 x 10/100Base-T(X) Slim Unmanaged Ethernet Switch, -40 to 80°C