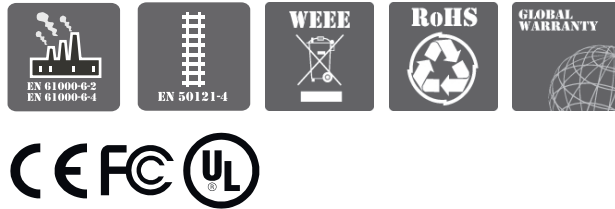




# HUE-500SEN



## 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

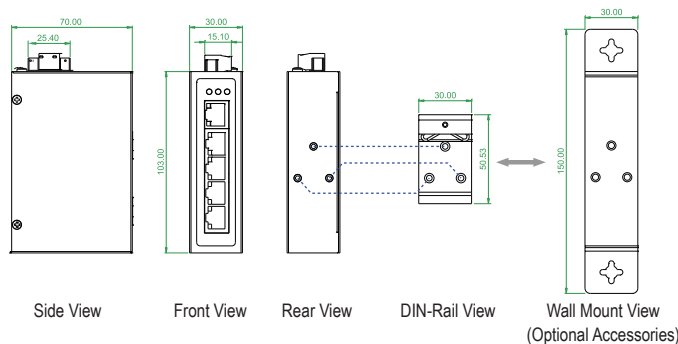
Free Fall: IEC 60068-2-32

Environmental: WEEE, RoHS

MTBF: 1,738,327 hours based on Mil-Hdbk-217F, GB

Warranty: 5 years

## Dimensions (unit=mm)



## 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 |