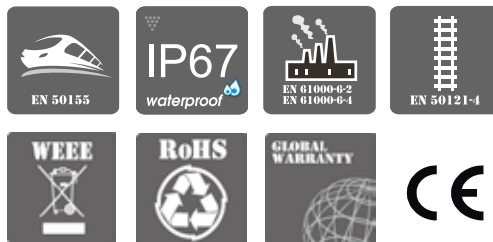




WUE-500E



Introduction

Overview

WUE-500E は、EN 50155, EN 50121-4 の要求にミートしており、鉄道・線路沿や、鉄道車両、車両等の輸送業界でのセキュアな通信用途向けにデザインされたアンマネージドスイッチです。WUE-500E は、Industrial 5ポートの10/100Base-T(X) を有しており、さらに広域温度モデル (-40 to 80°C) をサポートしております。IP67レートにより、ダスト・湿気・油や水の浸入に対する耐性を持っています。搭載されるM12コネクタにより水密を保持し、振動や衝撃等の悪環境下でも確実なコネクションを実現します。12/24/48VDC電源入力をサポートしています。

Features

High Performance Network Switching Technology

- Complies with IEEE standards
- Provides 5 x 10/100Base-T(X) with M12 connector (4-pin, female, D-Coded)
- Supports broadcast storm protection

Reliable Power Design

- Supports 12/24/48VDC power input with IP67 M12 connector (5-pin, male, A-Coded)
- Power reverse polarity protection and overload current protection

Robust Industrial Design

- EN 50155 certified for Railway Applications and IEC 61373 test passed for vibration and shock resistant
- EN 50121-4 certified for Railway Applications (Track Side)
- EN 61000-6-2 and EN 61000-6-4 certified to use in heavy industrial environment
- Robust industrial design case complies with IP67 housing standard
- Supports operating temperature -40 to 80°C
- Wall mount or DIN-Rail mounting installation

Specifications

Hardware Specifications

Interface

Total Ports: 5 ports

M12 Ports: 5 x 10/100Base-T(X) M12 connector (4-pin, female, D-Coded), auto-negotiation speed, Full/Half duplex, auto MDI/MDI-X

LEDs: System: Power 1 (Green)

M12 Ports: 10/100 Link/Active (Green)

Power Requirements

Power Input: 12 to 48VDC (8.4 to 60VDC), M12 (5-pin, male, A-Coded)

Power Consumption: 12VDC/0.8W, 24VDC/1W, 48VDC/1.9W

Power Protection: Reverse polarity protection, overload current protection

Physical

Dimensions: IP67 standard, 30mm (W) x 206.5mm (H) x 43mm (D)

Installation: Wall mount or DIN-Rail mounting

Environmental

Operating Temperature: -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

EMI: FCC Part 15 Subpart B Class A, CE EN55022 Class A

EMC: CE, EN 61000-6-2, EN 61000-6-4

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: EN 50155 (Certified)

Railway Application (Track Side): EN 50121-4 (Certified)

Shock: IEC 61373

Vibration: IEC 61373

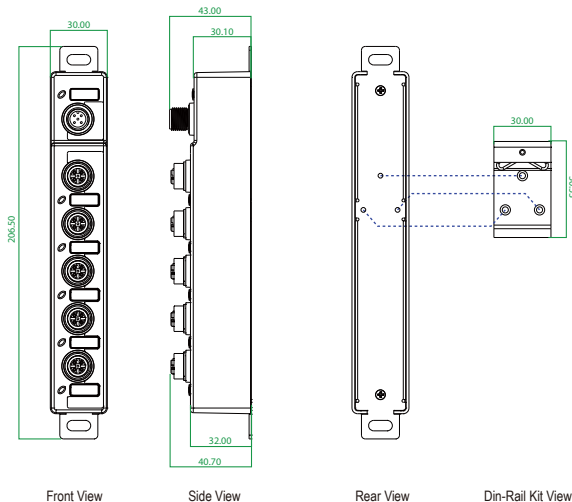
Free Fall: IEC 60068-2-32

Environmental: WEEE, RoHS

MTBF: 2,315,383 hours based on Mil-Hdbk-217F, GB

Warranty: 5 years

Dimensions (unit=mm)



Ordering Information

WUE-500E

Industrial 5 x 10/100Base-T(X) EN 50155 IP67 M12 Unmanaged Ethernet Switch, -40 to 80°C