

Product Overview

2 Port Industrial Power-over-Ethernet+ Injector



Description

2 port Gigabit PoE+ power injector from the entry line compact series

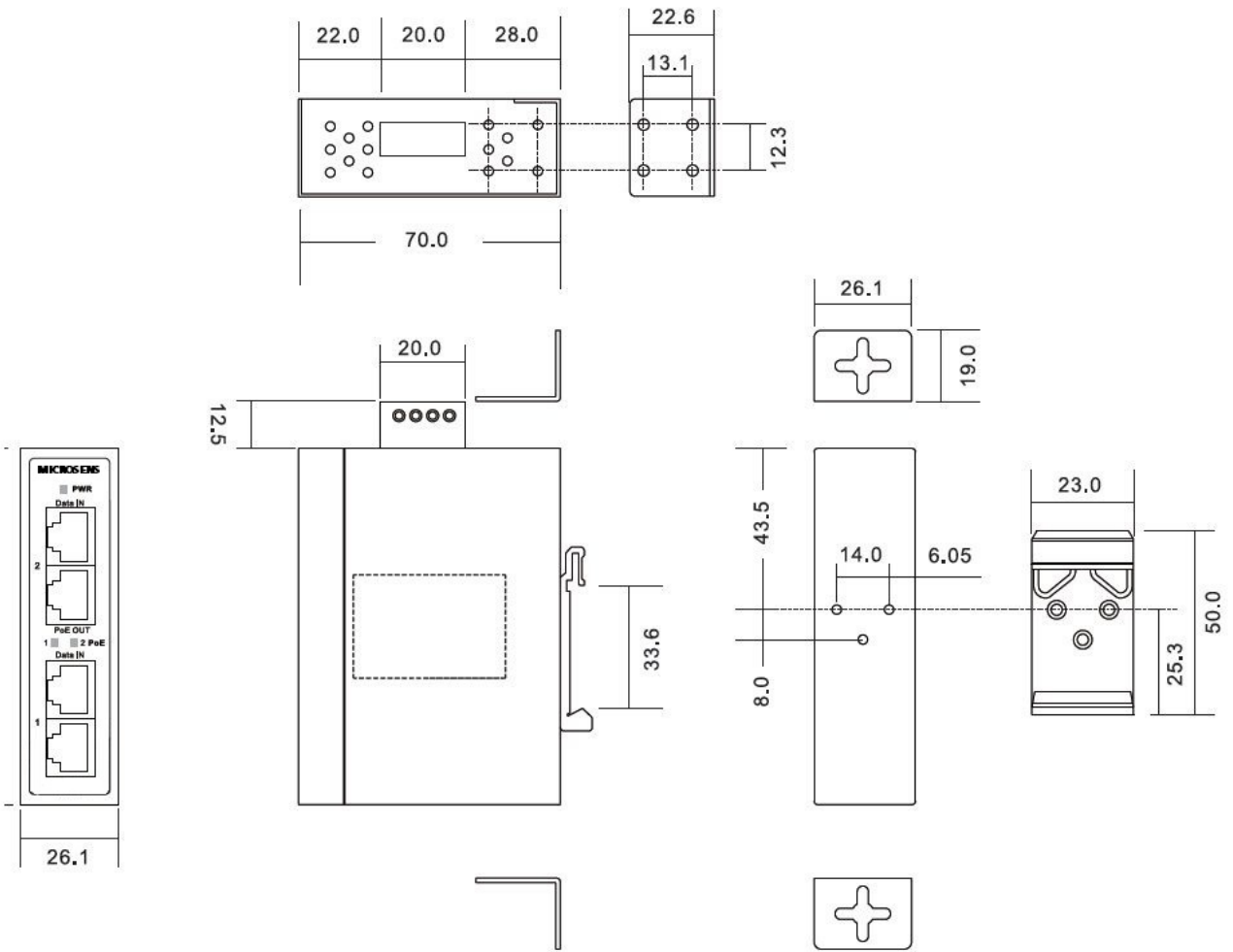
The MS656030 PoE Injector is an advanced IEEE802.3at compliant device with intelligent detection, that provides 2-ports 10/100/1000Base-T PoE+ outputs. The device does not turn on power until it detects a valid PoE signature from the PoE devices attached. This protects non-PoE compliant equipment against damage which may be connected to the Ethernet cable. Because of this intelligent detection, only an IEEE 802.3at/802.3af compliant device can be powered with the MS656030 PoE Injector.

The MS656030 PoE Injector powers any PoE P.D. equipment which is fully compliant with the IEEE 802.3at/802.3af PoE standards.

Properties

- Very compact design
- Easy handling, no extensive configuration
- 2x10/100/1000Base-T ports data input
- 2x10/100/1000Base-T ports data and PoE+ P.S.E. output
- Fully compliant with IEEE802.3at / 802.3af
- 50 to 57 VDC power, redundant input
- DIN rail or wall mounting option

Dimensions



Specifications

General

Type Industrial 2-port Gigabit High Power PoE+ Injector

Uplink (Twisted-Pair)

Number of Ports 2

Type Gigabit Ethernet, Triple Speed 10/100/1000Base-T

Connector RJ-45 jack, shielded

Cable Type Twisted-Pair cable, category 5e, impedance 100 Ohm, length max. 100 m

Pinout Auto MDI/MDI-X, Auto Polarity

Display

Type 3 LEDs, color coded

Power 1x LED green, power indicator

Link 2 x LED PoE indicator
Blue On: PoE Device Link
Blue Blinking: Detecting PoE Device
Blue Off : None PoE Device Detected

Environment

Operating Temperature -20..70 °C

Storage Temperature -40..80 °C

Relative Humidity 5..90%, non condensing

Standards Compliance

CE Mark present

Safety EN 60950

Electromagnetic Emission EN 55022

IEEE (Ethernet) 802.3i 10Base-T
802.3u 100Base-T
802.3ab 1000Base-T
802.3af Power-over-Ethernet
802.3at Power-over-Ethernet

Other EN61000-4-2
EN61000-4-3
EN61000-4-4
EN61000-4-5
EN61000-4-6
EN61000-4-8
EN61000-4-11

Local Ports (Twisted-Pair)

Number of Ports 4

Type Gigabit Ethernet, triple speed 10/100/1000Base-T

Connector RJ-45 jack, shielded

Cable Type Twisted-Pair cable, category 5e, impedance 100 Ohm, length max. 100 m

Power-over-Ethernet Power Sourcing Equipment (PSE) IEEE 802.3at, max. 30 W

Downlink (Twisted-Pair)

Number of Ports 2

Type Gigabit Ethernet, Triple Speed 10/100/1000Base-T

Connector RJ-45 jack, shielded

Cable Type Twisted-Pair cable, category 5e, impedance 100 Ohm, length max. 100 m

Pinout Auto MDI/MDI-X, Auto Polarity

Power-over-Ethernet Power Sourcing Equipment (PSE) IEEE 802.3at max. 30 W

Power Supply (DC)

Input Voltage 50 VDC

Connector Screw terminal, 4 pin

Mechanical

Dimensions 26.1 (W) x 70 (D) x 95 (H)mm (without connectors)

Mounting depth 34 mm

Weight 250 g

Housing Color black

Mounting DIN35 rail, Wall

Protection class IP-30

Order Information

Description

Article Number

Industrial 2 port GBE PoE+ Power Injector, IEEE802.3at up to 30W, 2xRJ45 Data In,
2xRJ45 PoE Out, -20..+70°C

MS656030

This document in whole or in part may not be duplicated, reproduced, stored or retransmitted without prior written permission of MICROSENS GmbH & Co. KG. All information in this document is provided 'as is' and subject to change without notice. MICROSENS GmbH & Co. KG disclaims any liability for the correctness, completeness or quality of the information provided, fitness for a particular purpose or consecutive damage. MICROSENS is a trademark of MICROSENS GmbH & Co. KG. Any product names mentioned herein may be trademarks and/or registered trademarks of their respective companies.

© 2014.03.12 MICROSENS GmbH & Co. KG - 59067 Hamm/Germany - Tel. +49 2381 9452-0 - www.microsens.com