



- LED 1: Supply voltage
- LED 2: Redundant supply voltage
- LED 3: Alarm
- LED 4: Power over Ethernet
- LED 5: Not 802.3bt (4-pair PoE)
- LED 6: Overload
- LED 7: PoE-power range
- LED 8: T port LNK/ACT
- LED 9: T port 1000 Mbit/s
- 10: RJ-45 (10/100/1000BASE-T ports)
- 11: RJ-45 PoE+ (10/100/1000BASE-T ports)

The device is an industrial PoE injector with two Gigabit ETHERNET ports. One ETHERNET port (IEEE 802.3 af/at/bt/4PPoE) enables the power supply of PoE end devices (powered devices) with an energy of up to 51 watts. The feed-in power of the PoE injector (power sourcing equipment) is up to 60 watts. Automatic detection of the transmission rate (auto negotiation) and automatic determination of the transmission and reception lines (Auto MDI-X) enable simple "plug & play" operation.

The compact design with mounting rail adapter enables simple installation in the control cabinet with high resistance to temperature, vibration and shock. The integrated voltage converter enables operation with the usual supply voltage of DC 24 V in the control cabinet. Meaningful status LEDs, a redundant power supply and an alarm contact that can be configured via a DIP switch increase the PoE injector's availability during operation and ensure easy handling.

Typical fields of application:

- Connection of vending machines or camera systems
- Connection of intelligent PoE-capable lighting systems
- Connection of decentralized switch cabinets by using a PoE splitter

Features:

- Redundant DC power supply
- Supply voltage range: DC 24 ... 57 V
- DIP switch for enabling alarm functions
- Fully compatible with the IEEE802.3, 802.3u, 802.3ab standards
- Auto negotiation on both 10/100/1000BASE-T ports
- Auto-MDI/MDIX (crossover) on both 10/100/1000BASE-T ports

Données techniques

Nombre de ports 1 Gbit/s	2
Standards de communication	IEEE 802.3bt 4-pair PoE IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3af Power over Ethernet (PoE) IEEE 802.3at High Power over Ethernet (PoE+)
Tension d'alimentation	24 ... 57 V DC
Puissance absorbée max.	90 W
Vitesse de transmission	Câble en cuivre: 100/1000 Mbit/s
Moyen de transmission (Communication/bus de terrain)	Câble en cuivre: Cat. 5e or 6a, 100 m maximum cable length
Éléments d'affichage	Device: LED (PWR, RPS, PoE, NBT) green: Power supply (primary), redundant power supply (secondary), Power over Ethernet, Mode; LED (ALM, OL 63-66 W) red: Alarm, Overload; LED (PoE Usage (Watt)) green: 15, 30, 60 Watt; pro Port: LED green: Status 1000 Mbps, LNK/ACT port

Données de raccordement

Technique de connexion : communication/bus de terrain	Câble en cuivre: 2 x RJ-45
Type de connexion : alimentation	1 x Appareil équipé d'un connecteur mâle: 231-436/001-000; connecteur femelle inclus (Connecteur MCS): 2231-106/026-000

Données géométriques

Largeur	25 mm / 0.98 inch
Hauteur	116 mm / 4.57 inch
Profondeur	100 mm / 3.93 inch

Données mécaniques

Poids	242,8 g
Matériel de l'enveloppe	aluminium
Marquage de conformité	CE

Conditions d'environnement

Température ambiante (fonctionnement)	-40 ... +75 °C
Température ambiante (stockage)	-40 ... +80 °C
Indice de protection	IP30*
Humidité relative (sans condensation)	95 %
Type de montage	Rail 35
Résistance aux vibrations	selon CEI 60068-2-6
Résistance aux chocs	selon CEI 60068-2-27
CEM – Susceptibilité en réception	per EN IEC 61000-6-2
CEM – En émission	per EN IEC 61000-6-4
Charge calorifique	0 MJ

Données commerciales

Unité d'emb. (SUE)	1 pce(s)
Pays d'origine	TW
GTIN	4066966512014
Numéro du tarif douanier	85176200000

Conformité environnementale du produit

État de conformité RoHS	Compliant, No Exemption
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Approbations / certificats

Homologations générales



Homologation	Norme	Nom du certificat
UL Underwriters Laboratories Inc. (ORDINARY LOCATIONS)	UL 61010-2-201	E175199

Déclarations de conformité et de fabricant

Homologation	Norme	Nom du certificat
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
SDoC for FCC WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Téléchargements

Conformité environnementale du produit

Recherche de conformité

Environmental Product
Compliance 852-1731



Documentation

Manuel

Manuel du produit In- jecteur industriel PoE	V 1.0.0 07.05.2024	pdf 12624.66 KB
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