

PC-INJ-Serie

Industrial PoE-Injector 10/100/1000BaseTX for PoE, PoE+ and PoE++

- DIN rail or table mounting
- 2 copper ports 10/100/1000, RJ45
- PoE, PoE+ and PoE++ depending on type
- Power supply: 48-56VDC, redundant
- Extended temperature range



These industrial PoE injectors have been specially developed for applications in harsh environments. The compact and robust design and the wide temperature range make these PoE injectors ideal for remote locations. The injectors have two copper ports with 10/100/1000TX. One of the ports supports, depending on type PoE according to IEEE802.3af, PoE+ according to IEEE802.3at and PoE++ according to IEEE802.3bt with 60 or 95W. The media converter can be easily mounted on a DIN rail or on a wall using the supplied mounting accessories.

Technical data

General properties

supply voltage	48-56VDC With PoE+ the supply voltage must be at least 50VDC.
power consumption	2W, without PoE
operating temperature	-40°C to +75°C
dimensions	104 x 32 x 82mm (HxBxL), all measurements without plug

interfaces

copper ports	Port 1: data only Port 2: 10/100/1000TX, RJ45 PoE: Type PC-INJ-30W: PoE and PoE+, IEEE802af/at, only Mode A, max. 36W Type PC-INJ-60W: PoE, PoE+ and PoE++ 60W, IEEE802.3af/at/bt, Mode A and B, max 60W Type PC-INJ-95B: PoE, PoE+ and PoE++ 60W, IEEE802.3af/at/bt, Mode A and B, max. 95W
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network properties

security	FCC Class A, CE
standards	802.3, 10Base-T Ethernet
	802.3u, 100BaseTX und 100BaseFX Fast Ethernet
	802.3ab 1000BaseTX, Gigabit Ethernet
	EN55022/24, ITE Equipment
	EN50155, Electronic devices for railway applications
	EN50121-3-2, Railway use, electromagnetic compatibility
	EN50121-4, Railway use, electromagnetic compatibility
	EN55011, ISM (Industrial, Scientific and Medical Equipment)
	EN60950-1, Security
	EN50155 / EN60068-2-6, Vibration
	EN50155 / EN60068-2-27, Shock
	EN50155 / EN600-2-32 Free Fall

Product variants



PC-INJ-30W

PoE and PoE+, max. 36W
only Mode A



PC-INJ-60W

PoE, PoE+ and PoE++, max.60W
Mode A and Mode B



PC-INJ-95-B

PoE, PoE+ and PoE++, max.95W
Mode A and Mode B
Suitable for Bosch MIC cameras with more than 60W

Version 22.05.2019, Changes without notice