



PS-DIN-DC12/48/480

Industrial PoE Voltage Booster

- Small dimensions
- Adjustable output voltage from 48VDC to 56VDC
- Input voltage 9-36VDC
- Extended temperature range -40 to 75°C
- Maximum output power 480W



This industrial voltage converter increases an input voltage of 9-36VDC to a voltage of 48-55VDC suitable for PoE and PoE+. This allows, for example, PoE injectors or media converters to be supplied at locations where only voltages between 9-36VDC are available. The voltage converter is suitable for wall or DIN rail mounting. Its small dimensions and wide operating temperature range make it particularly suitable for outdoor use.



Technical data

General properties

supply voltage	9-36VDC, Screw terminal block
power consumption	Depending on the powered device Max. 480W
MTBF	
operating temperature	-40° to +75°C
dimensions	38 x 95 x 75mm (WxHxD)
weight	0,45kg
Testing standards	Safety: CE EN55035/EN61000-6-2 IEC61000-4-2 (ESD), IEC61000-4-3 (RS), IEC61000-4-4 (EFT) IEC61000-4-5 (Surge), IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field) Vibration: EN 60068-2-6 Shock: EN 60068-2-27 Free Fall: EN 60068-2-32

network properties

PoE Management	
standards	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3z 1000Base-X Gigabit Ethernet IEEE 802.3x Flow Control and Back Pressure IEEE 802.3af for POE IEEE 802.3at for POE+

Product variants



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Mounting accessories

Mounting accessories supplied for wall and DIN rail mounting

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