

### 10/100M Industrial Grade PoE Media Converter

This PoE industrial media converter is specially designed for industrial application as power source equipment. It can be used to power IEEE802.3af/at compliant powered devices, eliminates additional wiring.

It has IP40 protection provides vibration, corrosion and shock resistance and solution for multiplex broadband access with limited optical fibers.

#### Feature:

- ✧ Operates under extended temperature ranges from -40°C to 85°C
- ✧ IEEE 802.3af/at POE compliance 10/100 Base TX and FX port
- ✧ Redundant dual DC power inputs
- ✧ Excellent heat elimination without cooling fan
- ✧ Supper lightning protection, IP 40 protection
- ✧ Up to 30W at 48V DC power output one each PoE port



#### Technical details:



#### --Interface:

- ✧ 100Base-FX port (LC, SC, ST, FC connectors optional)
- ✧ RJ45 PORT: IEEE802.3, IEEE802.3u, IEEE802.3af/at PoE

#### --Power:

- ✧ Input Voltage: 48V DC(44-57VDC) Redundant dual inputs
- ✧ Input Current: <0.5A @48VDC
- ✧ Overload Current Protection: Present
- ✧ Reverse Polarity Protection: Present
- ✧ Redundant Protection: Present
- ✧ Connection: 1 removable 6-pin terminal blocks

#### --Physical Characteristics:

- ✧ Housing: Aluminum Alloy material with IP40 Protection
- ✧ Weight and dimension: 138MM(L)X112MM(W)X60MM(H)/640G
- ✧ Installation: Din-Rail mounting, Wall mounting

#### --Environmental Limits:

- ✧ Operating Temperature: -40°C-85°C
- ✧ Storage Temperature: -40°C-85°C
- ✧ Ambient Relative Humidity: 5%-95% (non-condensing)

#### ✧ EMS:

- EN61000-4-2 (ESD), Level 3
- EN61000-4-4 (EFT), Level 3
- EN61000-4-3 (RS), Level 3
- EN61000-4-5 (Surge), Level 3
- IEC61000-4-8(100A/m), Level 3
- IEC61000-4-11, Level 3
- ✧ EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A
- ✧ Shock: IEC 60068-2-27
- ✧ Industry: IEC61000-6-2
- ✧ Traffic: NEMA TS-2
- ✧ Rail: EN50155, EN50121-4
- ✧ Free Fall: IEC 60068-2-32
- ✧ Vibration: IEC 60068-2-6

#### Product selection:

- ✧ 1RJ-1F(SC, LC, FC, ST) 100M Industrial PoE Media Converter
- ✧ 2RJ-1F(SC, LC, FC, ST) 100M Industrial PoE Media Converter
- ✧ 4RJ-1F(SC, LC, FC, ST) 100M Industrial PoE Media Converter
- ✧ 4RJ-2F(SC, LC, FC, ST) 100M Industrial PoE Media Converter