





Product Service

# CERTIFICATE

No. B 057396 0196 Rev. 01

**Model(s):** POE100US56

**Brand Name:** XP



## Parameters:

Rated Input Voltage: 100-240 VAC

Rated Frequency: 50/60 Hz

Rated Input Current: 2.2 A

Rated output: 56 VDC, 1.78 A, 100 W max

Protection Class: Class I or Class II end product

Temperature Ambient: 50°C at 80W convection cooled

50°C at 100% rated output (100W) with 10CFM forced air cooled

70°C at 50% rated output (50W) with 10CFM forced air cooled

## Conditions of Acceptability:

When installing the equipment, all requirements of the standards and the manufacturer's specifications must be met.

## The models require:

- A suitable electrical and fire enclosure must be provided in the end use equipment.
- The product is intended for use on the following power systems: TN.
- The output circuits are at ES1 energy levels.
- The output circuits are at PS3 energy levels.
- A suitable main disconnect device shall be provided in the end product.
- The following input terminals/connectors must be connected to the end-product supply neutral: AC N.
- Sufficient clearance and creepage distance shall be provided between the primary circuit and accessible conductive parts.
- Heatsinks are floating and considered live. They shall not be accessible in the end product.
- Proper bonding to the end-product main protective earthing terminal is required when installed in Class I end product, ground bond test shall be conducted.
- When installed in a Class II end product, the power supply shall be mounted on insulating posts in a manner that provides the minimum required Clearance and creepage distance between the power supply and any accessible conductive parts.
- Touch current test and dielectric Strength test need to be considered at end use equipment.

**Tested according to:** EN 62368-1:2014/A11:2017

**Production Facility(ies):** 059319, 071712, 059061, 089850

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