

ATLP200-001



Lightning Protection Unit

- Provides lightning protection for RET controller and RET components
- Lightning surge capability of 10 times at 600 A, 10/350 waveform
- Equipped with a grounding stud for added lightning protection
- Easily mounts to a pole or wall
- AISG and RoHS compliant

OBSOLETE

This product was discontinued on: March 31, 2021

Product Classification

Product Type

Protection unit

General Specifications

AISG Input Connector

8-pin DIN Male

AISG Input Connector Quantity

1

AISG Output Connector

8-pin DIN Female

AISG Output Connector Quantity

1

Color

Gray

EU Certification

CB | CE | Low Voltage Directive 73/23/EEC

Grounding Lug Thread Size

M8

Dimensions

Height

50.8 mm | 2 in

Width

185.4 mm | 7.299 in

Depth

157.5 mm | 6.201 in

Electrical Specifications

Circuit Insertion Resistance, Power Lines, maximum

0.5 ohm

Circuit Insertion Resistance, Signal Lines, maximum

1 ohm

Electrical Safety Standard

EN 60950 | UL 60950

Electromagnetic Compatibility (EMC)

EN 55011 | EN 61326-1 | ETS 300 386 V1.3.2 2003

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Interface Protocol Signal	Data dc
Lightning Surge Capability	10 times @ 600 A
Lightning Surge Capability Test Method	IEC 61312-1 Annex B Current Pulse Profile
Lightning Surge Capability Waveform	10/350 waveform
Overcurrent Protection Type	PTC fuse
Protected Side Clamping, +12V Nominal Voltage	+17 V to -0.6 V
Protected Side Clamping, +24 V Nominal Voltage	+28 V to -0.6 V
Protected Side Clamping, -48 V Nominal Voltage	+0.6 V to -58 V
Protected Side Clamping, RS-485 Nominal Voltage	±10 V
Protocol	AISG 1.1 AISG 2.0

Material Specifications

Material Type	Aluminum Stainless steel
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Environmental Specifications

Operating Temperature	-40 °C to +65 °C (-40 °F to +149 °F)
Relative Humidity	Up to 100%
Ingress Protection Test Method	IEC 60529:2001, IP65
Rain Simulation Test Method	IEC 60068-2-18, Test Condition Ra, Method 1
UV Resistance Test Method	IEC 60068-2-5, Test Condition B

Packaging and Weights

Included	Band clamp Carriage bolts Hex nuts Lightning protection unit Lock washers Pipe mount bracket Wall mount brackets
Weight, net	1 kg 2.205 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant



