

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.andrew.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

