E-ATM300

Actuator, Ericsson proprietary protocol

- Allows Ericsson base stations to easily control an Andrew Teletilt® RET antenna
- Factory set to Ericsson proprietary mode
- Can be field or factory installed onto Andrew Teletilt® RET antennas
- Absolute position sensor eliminates the need for calibration
- LED indicates tilt movement

OBSOLETE

This product was discontinued on: December 31, 2017

Replaced By:

ATM200-A20	Actuator, AISG 2.0 default protocol

Product Classification

Product Type	RET actuator

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	Black
EU Certification	CE

Dimensions

Height	203.2 mm | 8 in
Width	71.1 mm | 2.799 in
Depth	53.3 mm | 2.098 in

Electrical Specifications

Input Voltage	10–30 Vdc
Adjustment Cycles, minimum	10000 cycles
Adjustment Time, full range, maximum	22 s

E-ATM300

Default Protocol	Ericsson proprietary
Electrical Safety Standard	EN 60950 | UL 60950
Electromagnetic Compatibility (EMC)	CFR 47 Part 15, Subpart B, Class B | EN 55011 | EN 61326-1 | ETS 300 386 V1.3.2 2003
Interface Protocol Signal	Data | dc
Lightning Surge Capability	5 times @ -10 kA | 5 times @ 10 kA
Lightning Surge Capability Test Method	IEC 61000-4-5
Lightning Surge Capability Waveform	1.2/50 voltage and 8/20 current combination waveform
Lightning Surge Test Mode	Common mode
Protocol	Ericsson proprietary

Material Specifications

Material Type	ABS

Environmental Specifications

Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Relative Humidity	Up to 100%
Climatic Sequence Test Method	IEC 60068-2-14
Cold Exposure Test Method	IEC 60068-2-1
Corrosion Test Method	IEC 60068-2-11, Test Condition Ka | IEC 60068-2-52, Test Condition Kb
Damp Heat Exposure Test Method	IEC 60068-2-30, Test Condition Db
Heat Exposure Test Method	IEC 60068-2-2
Ingress Protection Test Method	IEC 60529:2001, IP56
Packaged Product Shock Test Method	ASTM D4169 | GR-63-CORE, Section 4.1.1
Rain Simulation Test Method	IEC 60068-2-18, Test Condition Ra, Method 1
UV Resistance Test Method	IEC 60068-2-5, Test Condition B
Vibration Test Method	ASTM D4169 | IEC 60068-2-6

Packaging and Weights

Weight, net	0.2 kg | 0.441 lb

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

E-ATM300

ROHS	Compliant/Exempted