

Product data sheet

Specifications



M7550 remote terminal unit - 5 mB - 512 samples - RS485

M7550A0N9B9A0A0A

⚠ Discontinued on: Jun 1, 2021

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Main

Range Of Product	PowerLogic
Device Short Name	ION7550 RTU
Product Or Component Type	Remote terminal unit

Complementary

Device Application	Equipment monitoring and control WAGES metering
Power Supply	85...240 V AC 47...63 Hz 110...300 V DC
Network Frequency	50/60 Hz
Power Consumption In Va	35 VA
Display Type	Backlit LCD
Sampling Rate	1/2 cycle or 1 second
Number Of Inputs	8 digital 120 V DC
Number Of Outputs	3 relay 4 solid state
Communication Port Protocol	Modbus ION Telnet DNP3
Communication Port Support	SUB-D 9: RS232 Terminal block: RS485 Infrared
Memory Capacity	5 MB

Environment

Electromagnetic Compatibility	Conducted and radiated emissions: , conforming to CISPR 22 Electrostatic discharge immunity test: , conforming to IEC 6100-4-2 Susceptibility to electromagnetic fields: , conforming to IEC 6100-4-3 Electrical fast transient/burst immunity test: , conforming to IEC 6100-4-4 1.2/50 µs shock waves immunity test: , conforming to IEC 6100-4-5
Mounting Mode	Flush-mounted
Type Of Installation	Indoor installation
Overvoltage Category	III
Ip Degree Of Protection	IP52 conforming to IEC 60529
Relative Humidity	5...95 %

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Pollution Degree	2
Ambient Air Temperature For Operation	-20...70 °C
Ambient Air Temperature For Storage	-40...85 °C
Operating Altitude	0...2000 m
Standards	IEC 61010-1
Width	192 mm
Depth	159 mm
Height	192 mm
Net Weight	1.9 kg

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	26 cm
Package 1 Width	28 cm
Package 1 Length	44 cm
Package 1 Weight	3.5 kg

Contractual warranty

Warranty	18 months
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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product’s sustainability >](#)

Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California Proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov