

# Product datasheet

Specifications



## M7550 remote terminal unit - 5 mB - 512 samples - Ethernet

P7550A0N9B9E0A0A

⚠ Discontinued on: 1 Jun 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	WAGES metering Equipment monitoring and control
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 DNP3 Telnet TCP/IP
Communication Port Support	SUB-D 9: RS232 RS485 RJ11: modem Infrared RJ45: ETHERNET
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 $\mu$ s 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

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

Relative Humidity	5...95 %
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

## Contractual warranty

Warranty	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**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 <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins