



Main

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| Range of product | PowerLogic |
| Device short name | ION7550 RTU |
| Product or component type | Remote terminal unit |

Complementary


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| Device application | WAGES metering Equipment monitoring and control |
| [Us] rated supply voltage | 85...240 V, AC, 47...63 Hz 110...300 V, DC, |
| Network frequency | 50/60 Hz |
| Power consumption in VA | 35 VA |
| Display type | Without display |
| 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 | ION Modbus DNP3 Telnet TCP/IP |
| Communication port support | RS232 SUB-D 9 Ethernet RJ45 Infrared RS485 terminal block |
| Memory capacity | 5 MB |
| Compatibility code | ION7550 RTU |

Environment

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| Electromagnetic compatibility | 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 μ s shock waves immunity test conforming to IEC 6100-4-5 Conducted and radiated emissions conforming to CISPR 22 |
| Mounting mode | Rail |
| Type of installation | Indoor installation |
| Overvoltage category | III |
| IP degree of protection | IP52 conforming to IEC 60529 |
| Relative humidity | 5...95 % |

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| 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 | 235.5 mm |
| Depth | 133.1 mm |
| Height | 216.1 mm |
| Product weight | 1.9 kg |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 0801 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |

Contractual warranty

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| Warranty period | 18 months |
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Not classified OPS characteristics

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| Market segment | Small commercial Residential |
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| Product Life Status : | Commercialised |
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