

ENERGY LOGGER D550**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Measuring instruments with a simple S0 interface are widespread. However, they do not allow measured values to be passed directly into the internal network – so, until now, a gateway was required for each measuring instrument.

With the Energy Logger D550, pulse signals from up to 15 measuring instruments can be collected, saved and forwarded via a LAN interface.

The particularly compact Energy Logger D550 is the cost-effective solution to simplify and accelerate collection and forwarding of consumption and process data.

General ordering data

| | |
|------------|----------------------------|
| Order No. | 2425520000 |
| Type | ENERGY LOGGER D550 |
| GTIN (EAN) | 4050118433333 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|----------|-----------------|------------|
| Depth | 46 mm | Depth (inches) | 1.811 inch |
| Height | 90 mm | Height (inches) | 3.543 inch |
| Width | 107.5 mm | Width (inches) | 4.232 inch |
| Net weight | 200 g | | |

Temperatures

| | | | |
|-----------------------------------|----------------|-----------------------|----------------|
| Storage temperature | -40 °C...70 °C | Operating temperature | -40 °C...55 °C |
| Humidity at operating temperature | 5...95 % RH | | |

Communication

| | | |
|-----------|-----------------------------------|---|
| Interface | Protocol | Modbus RTU, Modbus-Gateway, Modbus TCP/IP, Modbus RTU over Ethernet, SNMP |
| | RS485: 9,6 – 115,2 kbps, Ethernet | |

Inputs/outputs

| | | | |
|--------------------------|-------|---------------------------|-----|
| Number of digital inputs | 15 | Number of digital outputs | 3 |
| Number of pulse outputs | 3 | Temperature input | Yes |
| Count rate | 20 Hz | | |

Measurement data recording

| | | | |
|------------------------------------|-----------------|-------------|-------|
| Memory; minimum and maximum values | Yes | Memory size | 32 MB |
| Software | ecoExplorer go® | | |

Technical data

| | | | |
|-------------------|---|-------------------------|---|
| Protection degree | IP20 | Version | Power measurement/display for 1-, 3-phase mains |
| Standards | DIN EN 61326-1, DIN EN 61000-4-2, DIN EN 61000-4-3, DIN EN 61000-4-4, DIN EN 61000-4-5, DIN EN 61000-4-6, EN 61000-4-11, IEC 61010-1, IEC 61010-2-030, EN 55011 | Surge voltage category | 300 V CAT III |
| Voltage supply | 20 - 250 V AC, 20 - 300 V DC20 - 300 V DC | Operating-hours counter | Yes |

Insulation coordination

| | |
|------------------------|---------------|
| Surge voltage category | 300 V CAT III |
|------------------------|---------------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002301 | ETIM 7.0 | EC002301 |
| ETIM 8.0 | EC002301 | ETIM 9.0 | EC002301 |
| ECLASS 9.0 | 27-14-23-30 | ECLASS 9.1 | 27-21-03-01 |
| ECLASS 10.0 | 27-14-23-30 | ECLASS 11.0 | 27-14-23-30 |
| ECLASS 12.0 | 27-14-23-30 | ECLASS 13.0 | 27-14-23-30 |

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www.weidmueller.com**Technical data****Environmental Product Compliance**

REACH SVHC

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Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E469563 |

Downloads

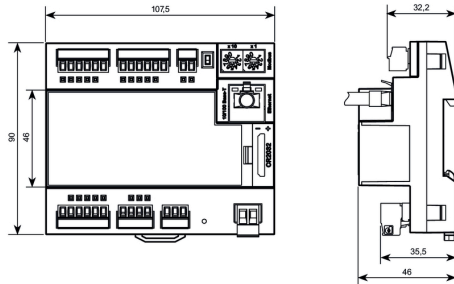
| | |
|---|---|
| Approval/Certificate/Document of Conformity | Application notes – Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| Software | Win64 - ecoExplorer go Device description – MODBUS address list |
| User Documentation | Quick Guide German/English Manual Energy Logger D550 German/English Manual ECOEXPLORER GO English |
| Catalogues | Catalogues in PDF-format |

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Drawings



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Accessories

Accessories



General ordering data

| | |
|------------|----------------------------|
| Type | ENERGY LOGGER S0 MODULE |
| Order No. | 2446170000 |
| GTIN (EAN) | 4050118459548 |
| Qty. | 1 pc(s). |