

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
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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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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 Application notes – Manual ECOEXPLORER GO English
Catalogues	Catalogues in PDF-format

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Drawings

