

ENERGY LOGGER D550

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com



Measuring instruments with a simple SO 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 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E469563

Dimensions and weights

Depth	46 mm	Depth (inches)	1.811 inch
Height	90 mm	Height (inches)	3.5433 inch
Width	107.5 mm	Width (inches)	4.2323 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		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Communication

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

Version	Power measurement/ display for 1-, 3-phase mains	Type of mounting	DIN rail
Protection degree	IP20	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,

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Surge voltage category	300 V CAT III	Supply voltage	IEC 61010-2-030, EN 55011 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 8.0	EC002301	ETIM 9.0	EC002301
ETIM 10.0	EC002301	ECLASS 14.0	27-14-23-30
ECLASS 15.0	27-14-23-30		

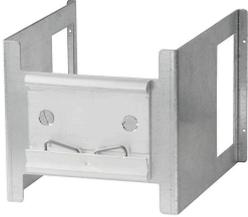
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Accessories

Accessories



General ordering data

Type	ENERGY LOGGER S0 MODULE	Version	
Order No.	2446170000		
GTIN (EAN)	4050118459548		
Qty.	1 ST		