

## ENERGY LOGGER D550

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

[www.weidmueller.com](http://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	<a href="#">ENERGY LOGGER D550</a>
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		

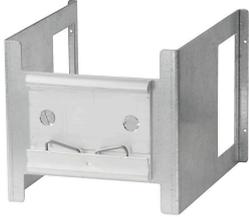
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**Accessories**

**Accessories**



**General ordering data**

Type	ENERGY LOGGER S0 MODULE	Version	
Order No.	<a href="#">2446170000</a>		
GTIN (EAN)	4050118459548		
Qty.	1 ST		