Data sheet

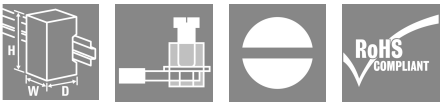
ENERGY METER 330

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

www.weidmueller.com

Product is no longer available, Data sheet for information only





Advanced functionality of energy data capture
The scope of performance of the ValueLine energy meters goes beyond the core functions of energy measurement.
They are also suitable for determining, storing and visualising further energy quality parameters.
The free "ecoExplorer go" software is available for most types of the product group,
on the one hand for device configuration / commissioning / visualisation of the measured values and on the other hand for analysing the power quality.

General ordering data

Version	Power measurement/display for 1-, 3-phase mains
Order No.	2425410000
Type	ENERGY METER 330
GTIN (EAN)	4050118433296
Qty.	1 items
Delivery status	Discontinued
Last order date	2023-12-31T00:00:00+01:00

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	48 mm	Depth (inches)	1.8898 inch
Height	96 mm	Height (inches)	3.7795 inch
Width	96 mm	Width (inches)	3.7795 inch
Net weight	250 g		

Temperatures

Storage temperature	-25 °C...70 °C	Operating temperature	-10 °C...55 °C
Humidity at operating temperature	15...95 % RH		

Environmental Product Compliance

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

Measuring current input

Current-measuring channels	3	Measuring accuracy for current	1 %
Residual current measuring	No	Distortion factor THD-I in %	No

Measuring voltage input

Measuring accuracy for voltage	1 %	Three-wire system	No
Quadrants	4	Distortion factor THD-U in %	No
Measurement range, voltage L-L, AC	442 V	Measurement range, voltage L-N, AC	255 V
Four-wire system	Yes		

Inputs/outputs

Temperature input	No

Measurement data recording

Memory; minimum and maximum values	Yes	Integrated logic	No

Technical data

Version	Power measurement/ display for 1-, 3-phase mains	Protection degree	Enclosure: IP20, IP40
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, EN	Measurement range, voltage L-N, AC	255 V

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Technical data

	55011, IEC 61010-1, IEC 61010-2-030		
Measurement range, voltage L-L, AC	442 V	Surge voltage category	300 V CAT III
Supply voltage	196...255 V AC	Supply voltage	230 V
Three-wire system	No	Four-wire system	Yes
Quadrants	4	Sampling frequency 50/60 Hz	3 kHz
Continuous measurements	No	Measurement result per second	1 ms
Effective value from the period (50/60 Hz)	1 / 1	Residual current measuring	No
Current-measuring channels	3	Measuring accuracy for voltage	1 %
Measuring accuracy for current	1 %	Measurement accuracy for active energy (kWh, .../5 A)	Class 2
Operating-hours counter	Yes	Bimetal function	Yes

Voltage quality measurement

Distortion factor THD-U in %	No	Distortion factor THD-I in %	No
Unbalanced	No	Positive, negative and zero system	No
Current flicker intensity	No	Brief interruptions	No
Sequence-of-events recorder function	No		

Insulation coordination

EMC standards	DIN EN 61000-4-4, DIN EN 61000-4-2, DIN EN 61000-4-3, EN 55011, EN/IEC 61010-1	Surge voltage category	300 V CAT III

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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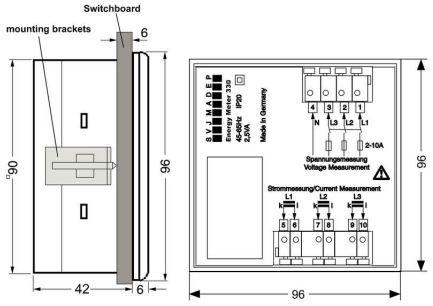
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Drawings

Dimensioned drawing



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