

POWER ANALYZER WITH COLOUR LCD DISPLAY. AUXILIARY SUPPLY 100...240VAC. EXPANDABLE WITH 3 EXM... MODULES, BUILT-IN ETHERNET PORT, COMPATIBLE WITH EASY BRANCH POWER MONITORING SYSTEM, DATA MEMORY FOR LOGGING. CURRENT READING THROUGH 3 ROGOWSKI COILS INCLUDED, MAX CURRENT 100A



Auxiliary supply Us			
Auxiliary rated supply voltage AC	VAC		100...240
Auxiliary rated supply voltage DC	VDC		110...250
Auxiliary operating voltage range			
AC		min	VAC 90
		Max	VAC 264
DC		min	VDC 100
		Max	VDC 300
Operational frequency		min	Hz 45
		max	Hz 66
Power consumption		Max	VA 15
Power dissipation Max			W 4
Measuring voltage inputs			
Rated voltage (Ue)		phase-phase	VAC 600
		phase-neutral	VAC 347
Operating voltage range		phase-phase	VAC 40...830
		phase-neutral	VAC 5...480
Voltage inputs operational frequency		min	Hz 45
		max	Hz 66
Voltage inputs measurement method			True RMS
Connection method			Single. two. three-phase with or without neutral. balanced three-phase systems
Current inputs			
Rated current (Ie)	A		100
Measurement method			TRMS
Accuracy			
	VLN voltage		Class 0.2 (IEC/EN 61557-12)
	VLL voltage		Class 0.2 (IEC/EN 61557-12)
	Current		±1%
	Frequency		Class 2 (IEC/EN 61557-12)

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Active power	Class 0.5 (IEC/EN 61557-12)
Active energy	Class 0.5s (IEC/EN 62053-22)
Reactive energy	Class 1 (IEC/EN 62053-24)

Insulations

Rated insulation voltage Ui IEC/EN	V	600
Rated impulse withstand voltage Uimp	kV	9.6
Operating frequency withstand voltage	kV	5.4

Functions

Harmonic analysis	31st order
PLC logic	Yes
Type of communication port	ethernet
Ethernet-RS485 gateway function	Yes

Mechanical features

Housing type	Polyamide		
Terminals type	Fixed		
Conductor cross section			
	min	mm ²	0.2
	Max	mm ²	4
	min	AWG	24
	Max	AWG	12

Tightening torque (Max)		
	Nm	0.8
	lbin	4.5

Fixing	Din rail	
Weight	g	320

Ambient conditions

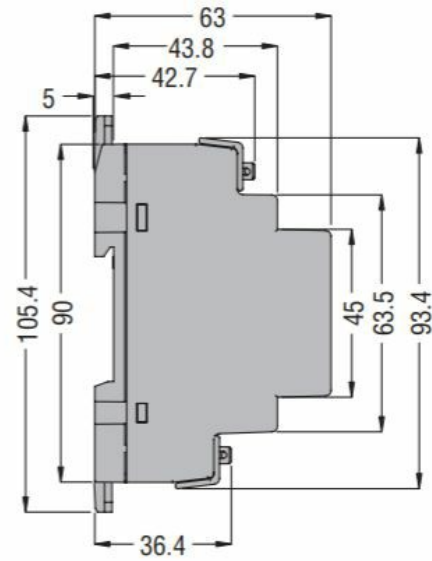
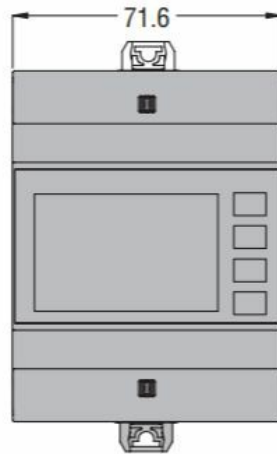
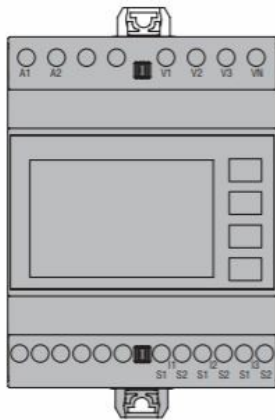
Temperature			
Operating temperature			
	min	°C	-20
	max	°C	+60

Storage temperature			
	min	°C	-30
	max	°C	+80

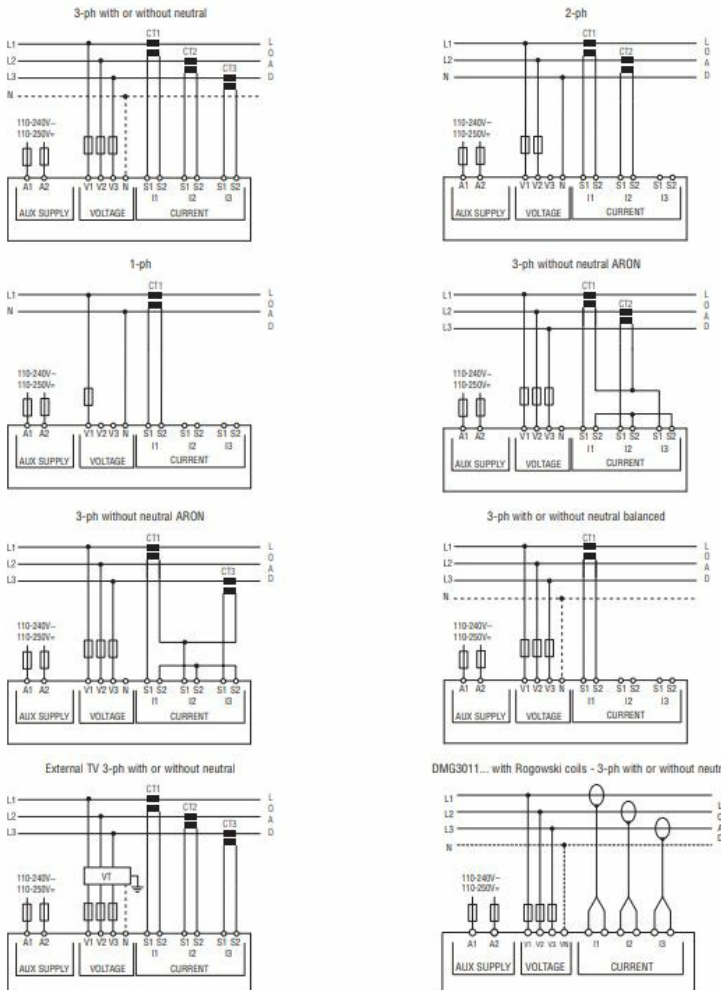
Relative humidity	%	<80
Maximum Pollution degree		2
Protection degree		IP20

Dimensions

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Wiring diagrams



Certifications and compliance

Compliance

- IEC/EN/BS 61000-6-2
- IEC/EN/BS 61010-1
- IEC/EN/BS 61010-2-030
- IEC61000-6-4

ETIM classification

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ETIM 8.0

EC002301 -
Multifunction
measuring
instrument