

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 6300A



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
		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		6300
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 <sup>2</sup>	0.2
	Max mm <sup>2</sup>	4
	min AWG	24
	Max AWG	12

Tightening torque (Max)	Nm	0.8
	lbin	4.5

Fixing	Din rail	
Weight	g	320

#### Ambient conditions

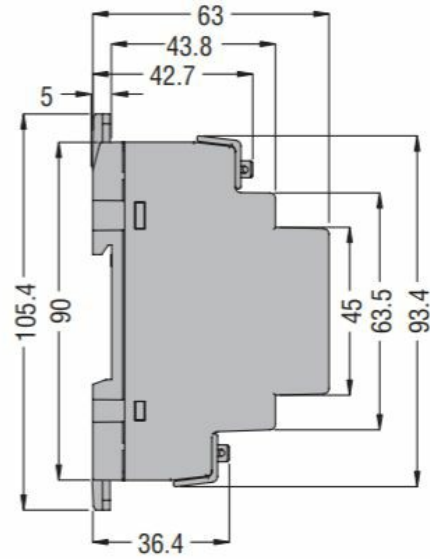
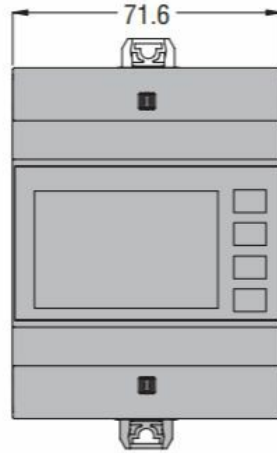
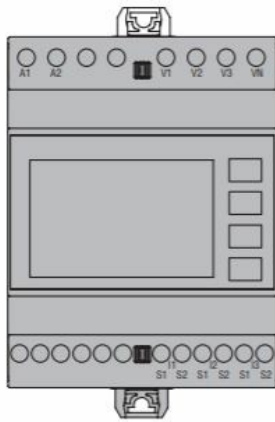
Temperature		
Operating temperature		
	min °C	-20
	max °C	+60

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

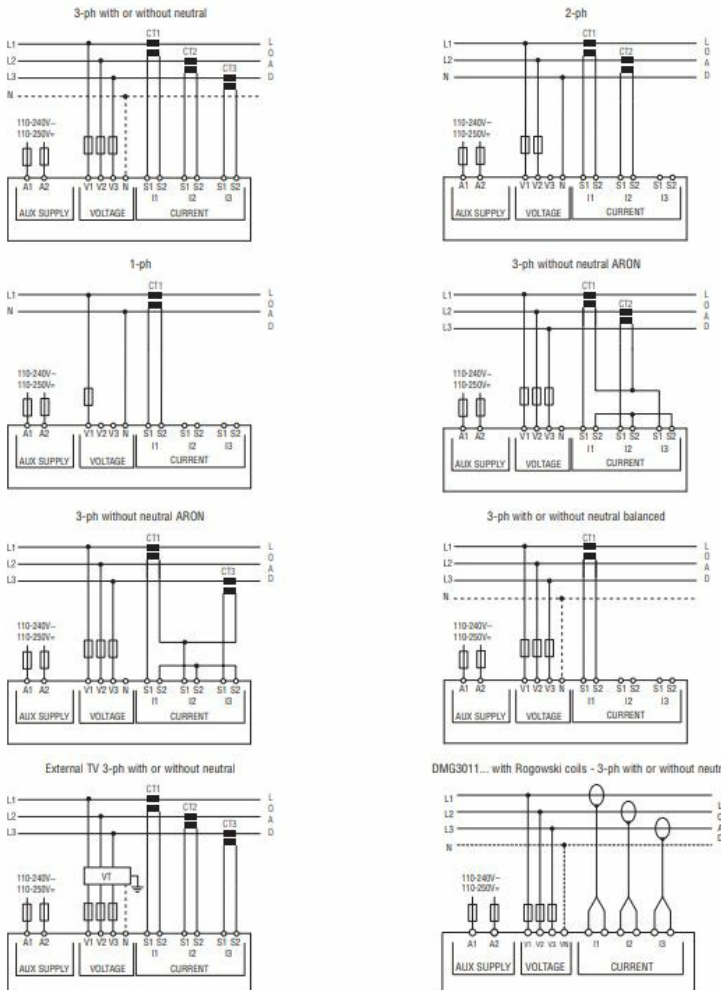
Relative humidity	%	<80
Maximum Pollution degree		2
Protection degree		IP20

#### 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