

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 3000A



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		3000
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)

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 3000A

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

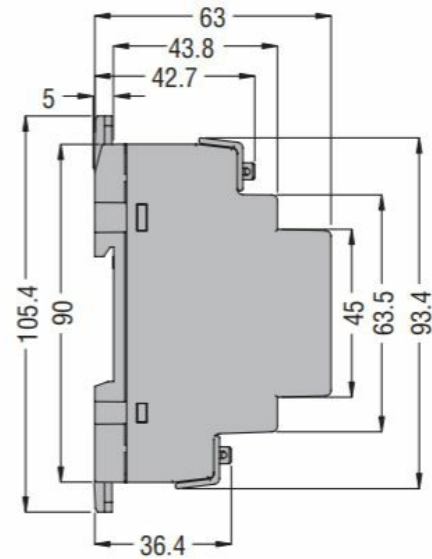
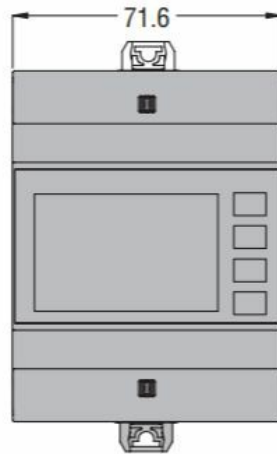
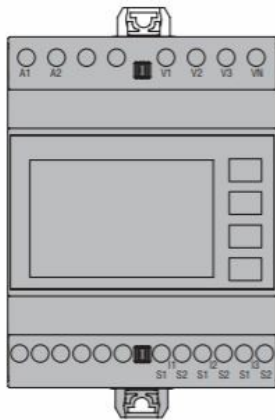
Temperature			
Operating temperature			
	min	°C	-20
	max	°C	+60

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

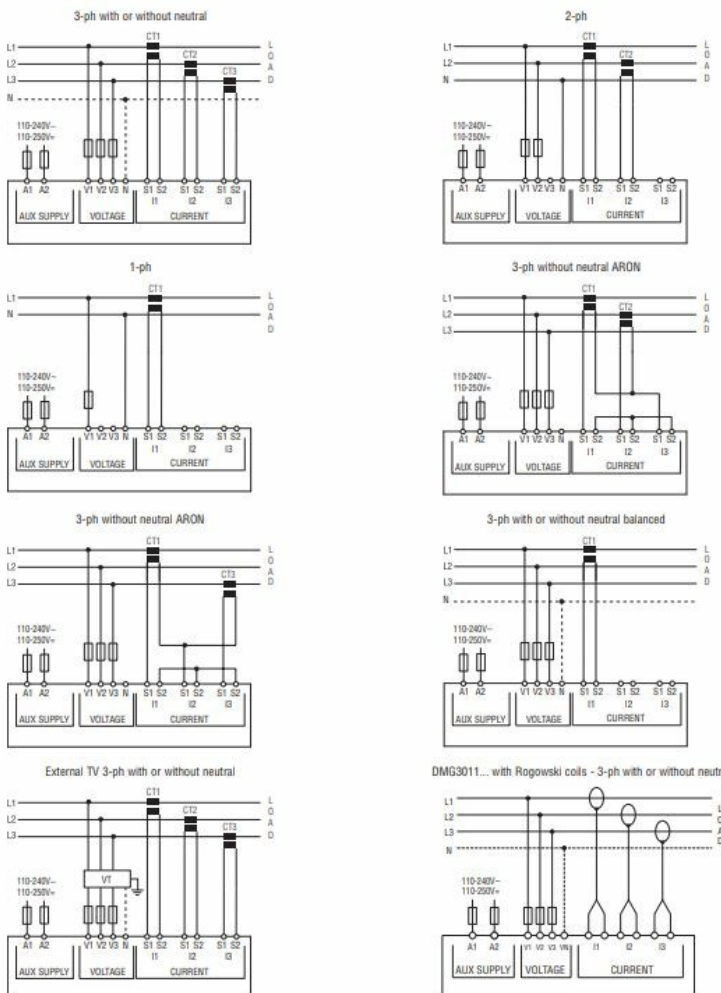
Relative humidity	%	<80
Maximum Pollution degree		2
Protection degree		IP20

Dimensions

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 3000A



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

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 3000A

ETIM 8.0

EC002301 -
Multifunction
measuring
instrument