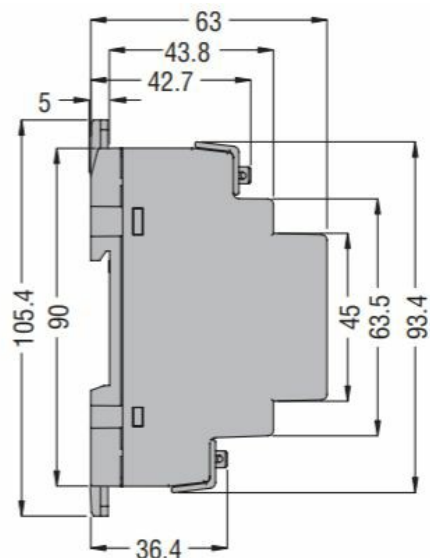
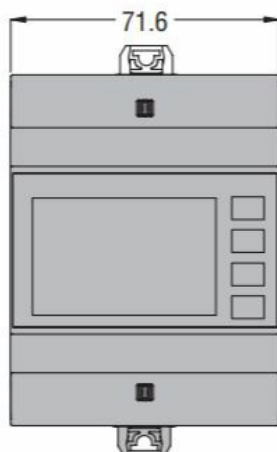
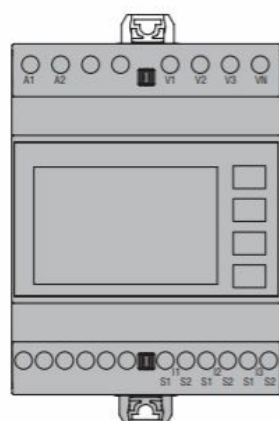




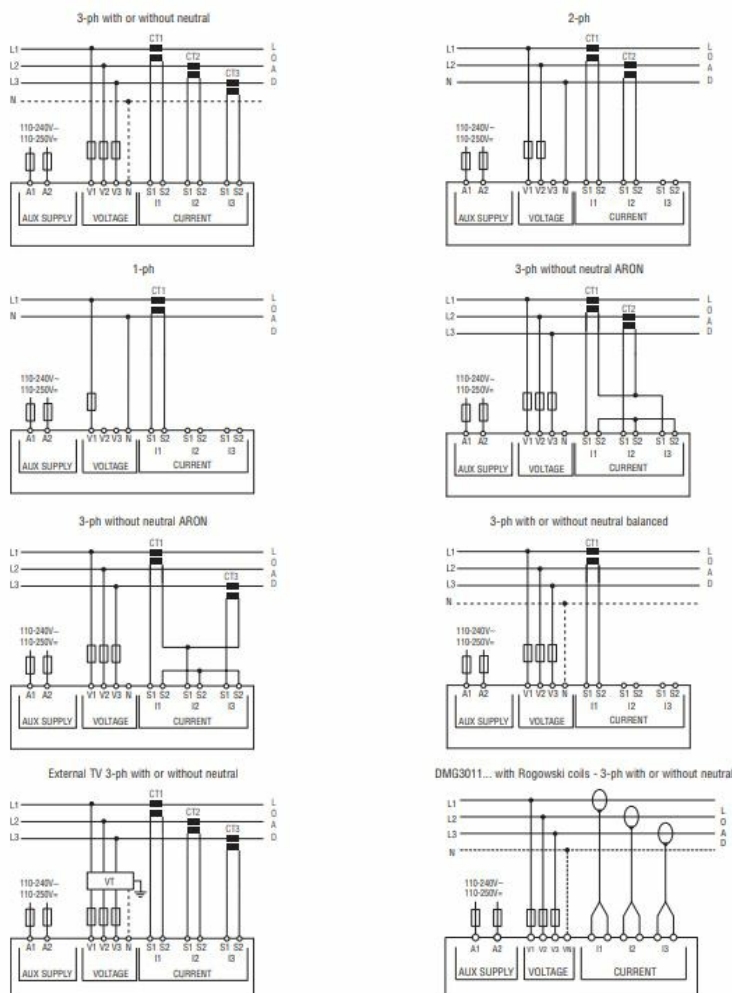
Product designation				Modular LCD multimeters. expandable
Product type designation				DMG300
Type				Three-phase + neutral
DIN rail module number				4
Auxiliary supply Us				
Auxiliary rated supply voltage AC			VAC	100...240
Auxiliary rated supply voltage DC			VDC	110...250
Auxiliary operating voltage range AC				
	min	VAC	85	
	Max	VAC	264	
DC				
	min	VDC	93.5	
	Max	VDC	300	
Operational frequency				
	min	Hz	45	
	max	Hz	66	
Power consumption				
	Max	VA	3.2	
Power dissipation Max			W	1.3
Measuring voltage inputs				
Rated voltage (Ue)	phase-phase		VAC	690
	phase-neutral		VAC	400
Operating voltage range				
	phase-phase		VAC	20...830
	phase-neutral		VAC	10...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	1 / 5
Measurement range				0.01...1.2 / 0.01...6
Measurement method				TRMS

Overload capacity				+20% Ie through external CT with 5A secondary
Overload peak		A		50A for 1s
Accuracy				
	VLN voltage			±0.2%
	VLL voltage			±0.2%
	Current			±0.2%
	Frequency			±0.05%
	Active power			±0.5%
	Active energy			Class 0.5s (IEC/EN 62053-22)
	Reactive energy			Class 2 (IEC/EN 62053-23)
Insulations				
Rated insulation voltage Ui IEC/EN		V		690
Rated impulse withstand voltage Uimp		kV		9.5
Operating frequency withstand voltage		kV		5.2
Functions				
Harmonic analysis				31st order
PLC logic				No
Type of communication port				No
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		7
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		%		<90
Maximum Pollution degree				2
Protection degree				IP30
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



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 61000-6-2

IEC/EN/BS 61000-6-4

IEC/EN/BS 61010-1

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

ETIM 8.0

EC002301 -
Multifunction
measuring
instrument