

EMA D9

DIGITAL MEASURING INSTRUMENTS NETWORK ANALYZER



TECHNICAL CHARACTERISTICS		EMA D9
AUXILIARY SUPPLY		
Nominal voltage U_s		90 - 250 VAC/DC
Operating voltage range		$\pm 15\%$
Power consumption		5VA
Frequency		30 ÷ 500 Hz
VOLTAGE INPUTS		
Measurement range		10...600VAC L-L
Method of measuring		True RMS value
Measuring input impedance		2M Ω
Method of connection		Single-phase, two-phase, three-phase or balanced three-phase system
CURRENT INPUTS		
Reference current		1A (option) or 5A
Measurement range		0,01...5A
Method of measuring		True RMS value
Overload capacity		10A by an external current transformer
Self-consumption		0,2VA
ACCURACY		
Measures	Voltage	$\pm 0,5\%$
	Current	$\pm 0,5\%$
	Power	$\pm 0,5\%$
	Frequency	$\pm 0,2\%$
	Active energy	Class 1
INSULATION		
Insulation voltage		3.7kVAC for 1 minute
DISPLAY		
Technology		Alphanumeric LCD
Format		2 x 20 characters
Dimension		90 x 20 mm
AMBIENT CONDITION		
Operating temperature		-10...+50°C
Storage temperature		-15...+70°C
HOUSING		
Version		9 modules
Degree of protection		IP52 on front - IP20 Housing and terminals
Weight		500g
CERTIFICATIONS AND COMPLIANCE		
Reference standards		EN 61010-1, EN62053-21 , EN62053-22

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OPTIONS

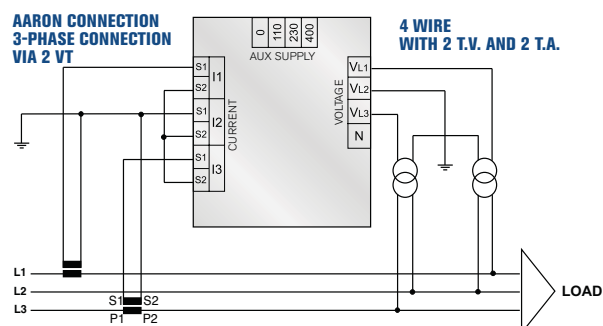
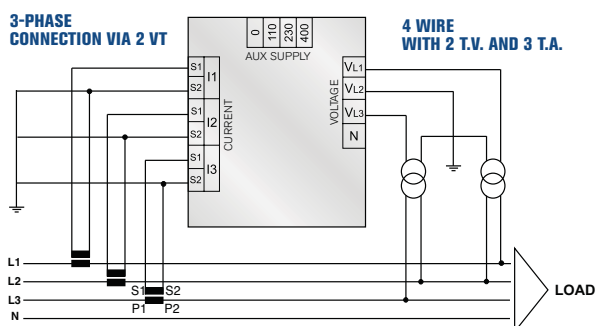
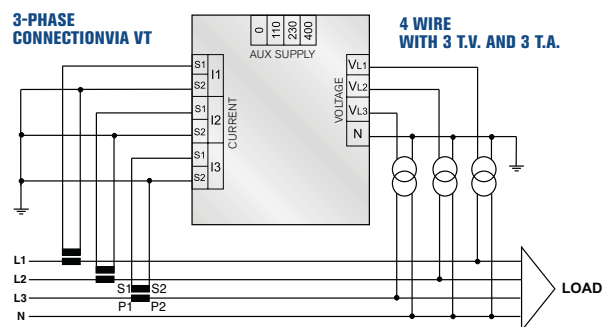
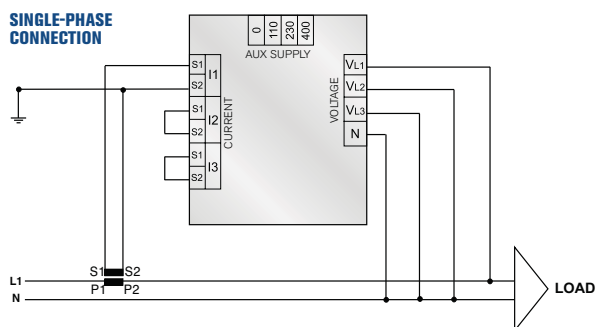
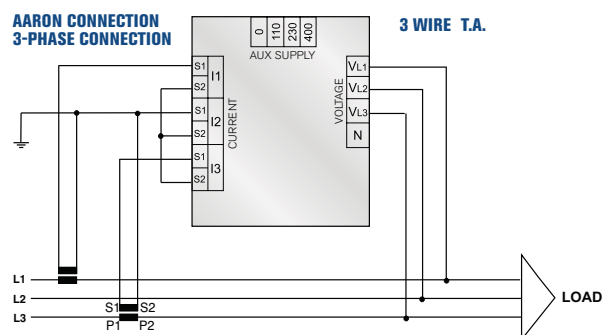
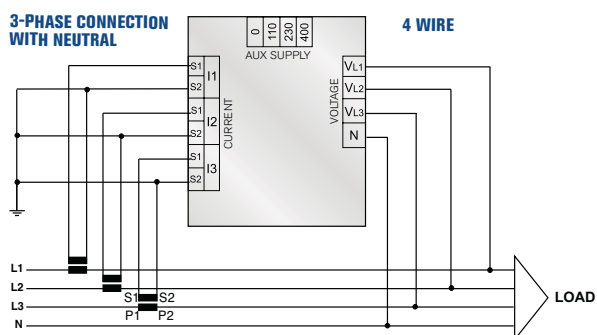
ORDER CODE	DESCRIPTION
C1	Auxiliary supply 20 ÷ 60 VCA/DC
1A	Rated current inputs by external CT 1A
H	Detailed harmonic analysis (1...31°)
MEM1	1MB data memory

4DI	4 digital inputs
2DO/R	2 relays
AO	Analog outputs (by external converter)

COMMUNICATION PORTS

485	RS485 serial interface
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WIRING DIAGRAMS EMA D9



MECHANICAL DIMENSIONS EMA D9

