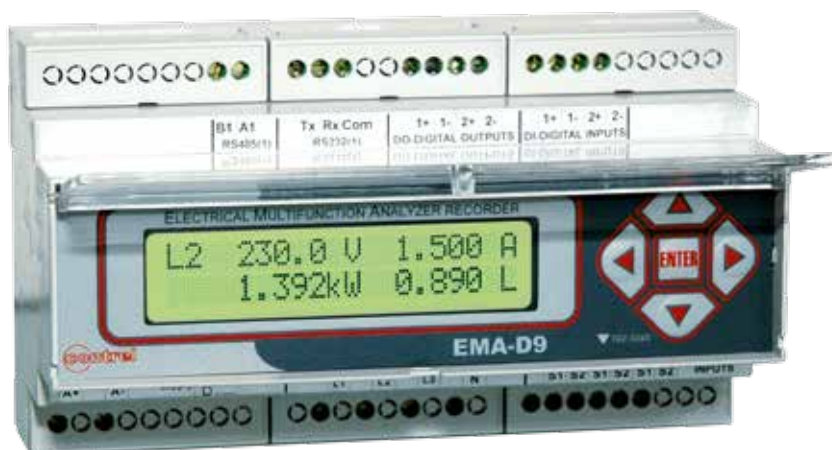


# EMA D9

## DIGITAL MEASURING INSTRUMENTS NETWORK ANALYZER



TECHNICAL CHARACTERISTICS		EMA D9
<b>AUXILIARY SUPPLY</b>		
Nominal voltage $U_s$		90 - 250 VAC/DC
Operating voltage range		$\pm 15\%$
Power consumption		5VA
Frequency		30 ÷ 500 Hz
<b>VOLTAGE INPUTS</b>		
Measurement range		10...600VAC L-L
Method of measuring		True RMS value
Measuring input impedance		2M $\Omega$
Method of connection		Single-phase, two-phase, three-phase or balanced three-phase system
<b>CURRENT INPUTS</b>		
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
<b>ACCURACY</b>		
Measures	Voltage	$\pm 0.5\%$
	Current	$\pm 0.5\%$
	Power	$\pm 0.5\%$
	Frequency	$\pm 0.2\%$
	Active energy	Class 1
<b>INSULATION</b>		
Insulation voltage		3.7kVAC for 1 minute
<b>DISPLAY</b>		
Technology		Alphanumeric LCD
Format		2 x 20 characters
Dimension		90 x 20 mm
<b>AMBIENT CONDITION</b>		
Operating temperature		-10...+50°C
Storage temperature		-15...+70°C
<b>HOUSING</b>		
Version		9 modules
Degree of protection		IP52 on front - IP20 Housing and terminals
Weight		500g
<b>CERTIFICATIONS AND COMPLIANCE</b>		
Reference standards		EN 61010-1, EN62053-21, EN62053-22

# EMA D9

## DIGITAL MEASURING INSTRUMENTS NETWORK ANALYZER

### OPTIONS

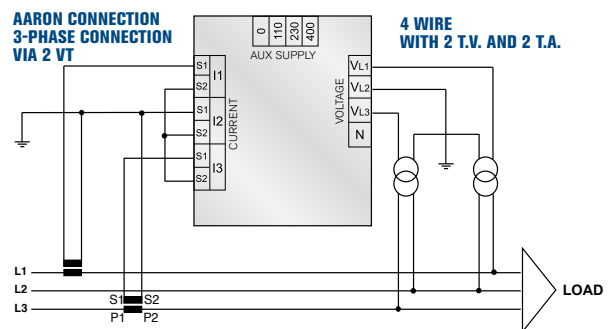
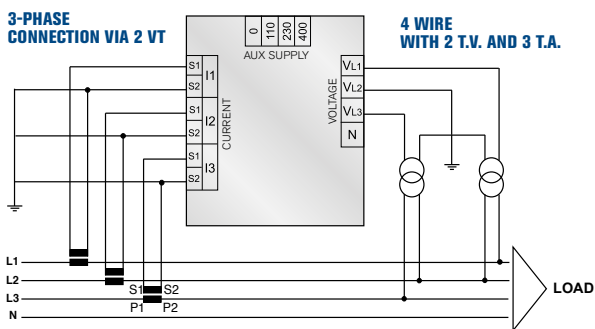
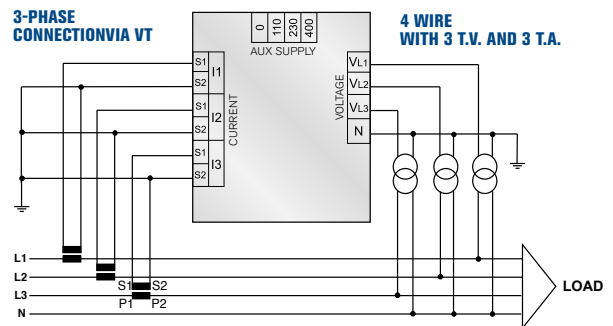
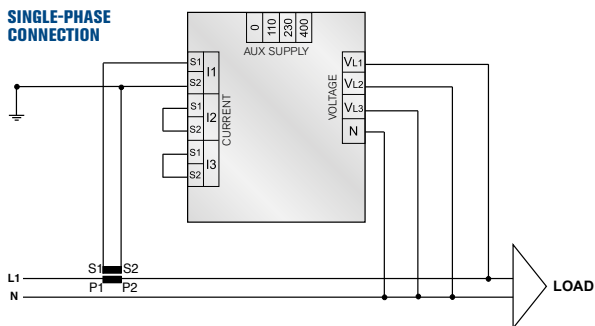
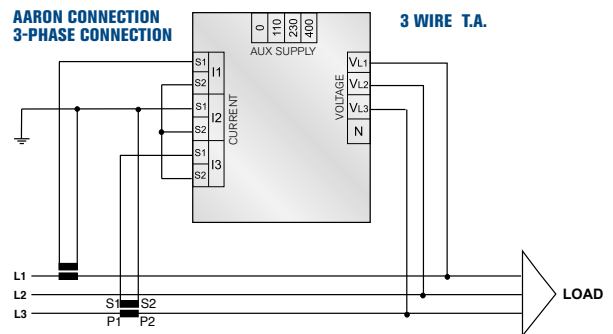
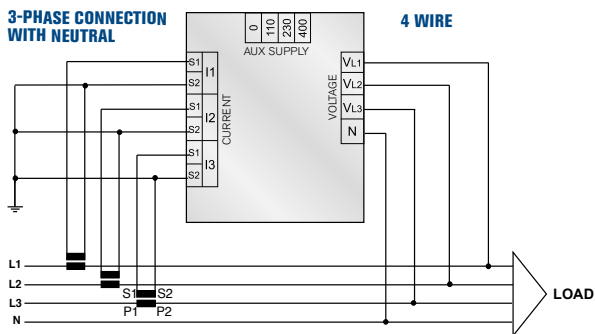
ORDER CODE	DESCRIPTION
<b>C1</b>	Auxiliary supply 20 ÷ 60 VCA/DC
<b>1A</b>	Rated current inputs by external CT 1A
<b>H</b>	Detailed harmonic analysis (1...31°)
<b>MEM1</b>	1MB data memory

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

### COMMUNICATION PORTS

<b>485</b>	RS485 serial interface
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### WIRING DIAGRAMS EMA D9



### MECHANICAL DIMENSIONS EMA D9

