



	ENERGY.3-DIS-RS	ENERGY.3-DIS-2RE	ENERGY.3-O-DIS-RS
POWER SUPPLY	230 VAC (-15%...+10%)		400 VAC (-15%...+10%)
WORKING FREQUENCY	50/60 Hz		
ABSORPTION	4 VA	7 VA	On Voltage channel: < 2,5 VA On Current channel: < 2,5 VA Power Supply: < 4 VA
CURRENT INPUT	TA X/5 (6) A		In =10 A; I max= 90 A
VOLTAGE INPUT	Direct connection up to 550 V RMS max (47...63 Hz)		V max = 440 V RMS (phase-phase) V max = 3 x 253 V RMS (phase- neutral)
ACCURACY:			
VOLTAGE	0,5% F.S. (dal 10%...100%); min 10 V		
CURRENT	0,5% F.S. (dal 10%...100%); min 20 mA		0,5% F.S. (dal 10%...100%)
ACTIVE POWER	1% F.S.		1% with F.S. Settable
REACTIVE POWER	1% F.S.		1% with F.S. Settable
POWER FACTOR	±1%		
FREQUENCY	± 0,1 Hz (47...63 Hz)		
ACTIVE ENERGY	CLASS 2		CLASS 1
REACTIVE ENERGY	CLASS 3		
CURRENT / VOLTAGE RATIO (TA / TV)	CONFIGURABLE BY DISPLAY		
OUTPUT	RS485 Modbus RTU	n°2 RELAYS OUTPUT 2 A-250 VAC	RS485 Modbus RTU
PEAK MEMORY	On display with date and time		Not available
WORKING TEMPERATURE	0 °C...50 °C		-10 °C ...45 °C
STORAGE TEMPERATURE	-20 °C...60 °C		-10 °C...60 °C
DIMENSIONS	4 DIN		7 DIN
PROTECTION INDEX	Frontal IP54 / Enclosure IP20		Frontal IP51 / Enclosure IP20
HUMIDITY	10...90% not condensing		

Compliant to the Community directives:
 2006/95/CE (Low Voltage - LVD);
 2004/108/CE (EMC) is declared with reference to the following standards:
 Safety EN61010-1;
 E.M Compatibility EN61000-6-2;
 EN61000-6-4;
 EN62052-21;
 EN62053-23

