

POWER METERS & ANALYZERS

3-phase / RS-485 Modbus Slave					3-phase RS-485 Modbus Slave					
Ethernet		Profinet	BACnet IP	MQTT						Ethernet BACnet IP

POWER METERS & ANALYZERS

ENERGY METERS FOR DIN RAIL MOUNTING

SYNCHRONIZATION METERS

PF CONTROLLER

3-phase / RS-485 Modbus Slave / Ethernet						1 A / 5 A 3 x 230 / 400 V	10 (100A) 3 x 230 / 400 V	10A (100 A) 230V (1-phase)	RS-485 Modbus, Ethernet Modbus TCP/IP	dual ranges	4,6 or 8 relays
Modbus TCP/IP	Profinet	BACnet IP	MQTT	Modbus TCP/IP		RS-485 Modbus RTU		RS-485 Modbus Slave	57...500 V		RS-485 Modbus

DIGITAL METERS

fixed input U/I/ temperature/ a.c. signals / d.c. signals								universal d.c.	fixed		programmable input/ RS-485 Modbus Slave						LED/ programmable/ Slave			
-				RS-485 Modbus Slave	-		RS-485 Modbus Slave	vertical display	a.c.	phase indicator	21-point rescaling		-		32-point rescaling		-		d.c.	

TRANSDUCERS, SEPARATORS, MONITORS

fixed	universal	fixed		fixed		fixed / RS-485 Modbus Slave	fixed	separators		universal	a.c. fixed/ RS-485 Modbus	universal / programmable/ Ethernet/ RS-485 Modbus		temperature and humidity transducers/ RS-485				monitor/ Ethernet + PoE						
d.c.	a.c.	d.c.	a.c.	a.c.	a.c./d.c.	a.c.	d.c.	dwa wyj.	d.c.	d.c.	a.c.	21-point rescaling		CANopen	-						MQTT			

ULTRASONIC LEVEL METER & SENSOR

measurement distance/res.: 0.5...8 m / 0.001 m	10 or 15 m / 0.001 m
RS-485 Modbus Slave ; USB Device, v.2.0.	RS-485 Modbus Slave

TEMPERATURE CONTROLLERS & LIMITERS

programmable input	fixed input		programmable/ RS-485 Modbus	dual loop/ Ethernet/ RS-485 Master & Slave		fixed input	programmable/ RS-485 Modbus	fixed	programmable/ RS-485	fixed	programmable/ RS-485

POWER CONTROLLERS

RECORDERS

DATA LOGGERS

1-phase			3-phase	up to 4 channels		up to 12 channels	up to 2500 registers	up to 60 channels (96x96x77mm)	24-channel	6-channel	up to 2500 registers
			Ethernet	MQTT		RS-485 Modbus Master or Slave, Ethernet, MQTT	RS-485 Modbus Master & Slave, Ethernet	RS-485 Modbus Slave		RS-485 Modbus Master or Slave, Ethernet, MQTT	

I/O MODULES, COMMUNICATION MODULES

INTERFACE/ PROTOCOL CONVERTERS

POWER SUPPLIES

SM1	SM2	SM3	SM5	SM4	S4AI	S4A0	PD51	PD9	PD9W	PD10	ZS20-1P	ZS20-1K	ZS20-1L	ZS20-1A	ZS20-1B	ZS20-1C
2-channel fixed	4-channel fixed	2-channel program.in	8-channel fixed input	4/8-channel fixed output	4 program.in/ 2x Modbus	4 fixed out/ 2x Modbus	RS-232/ RS-485		RS-485 USB		24V/0.63 A	24 V/1.5 A	24V/1.75 A	24V/2.5A	24V/5A	24V/7.5A
							Ethernet		Wi-Fi, Ethernet		15W	36W	45W	60W	95...120W	120...180W

TIME & PROTECTION RELAYS

OPROGRAMOWANIE NARZĘDZIOWE

PROCESS VISUALIZATION SOFTWARE

LTR10	LP10-V
multifunctional time relay	voltage protection relay
10 functions	U_{min} / U_{max}

Free software for configuration of Lumel products.

Free application for searching and monitoring LUMEL devices working in the network.

• PowerVis Software
• PROMOTIC

Stand-Alone & Cloud Version

PORTABLE MULTIMETERS & CLAMP METERS

NP45	NP15	NP15B	NP10	NP06	NP08	NC14	NC12	NC11	NT10	VA19	MS8221A	M266C	VA503	VA8010	VA8051	VA8090	VA8060
power quality analyzer	digital multimeters				clamp meters			insulator meter	5 in 1 digital multimeter	pocket size digital multimeter	clamp meter	pen R/C meter for SMD	temp./humidity & dew point meter	luxmeter with sensor rotation	infrared temp. & thermocouple meter	dual ways thermocouple meter	

ANALOG METERS

SHUNTS

CURRENT TRANSFORMERS

	class 0.2 1A-2.5 kA	class 0.2S-1 1A-7500 A
		Current transformers dedicated to ND20CT
		LJ12 1-phase 50-250 A LJ25, LJ35, LJ45 3-phase 60-600 A L306, L307, L308 3-phase 63-250 A

CAM SWITCHES

PROTECTION RELAY

PKT/ PKS/ PKH	PKR	TKR	extCZIP®-PRO	extCZIP®-2R-PRO	extCZIP®-PV-PRO
changeover, multi-step, isolator, selector switch	ON-OFF	spring return switches 1xNO 1xNC / spring return switches 2xNO 2xNC	Numerical protection relay for MV switchgears with additional inputs and outputs and communication ports	Automatic transfer switch for MV switchgears	Integrated MV/LV protection and control relay for EPV switchgears and other renewable energy sources

PRODUCTS & SERVICES CATALOG



LOW-VOLTAGE CURRENT TRANSFORMERS CATALOG



OEM | ODM | EMS

CONTACT
OEM|ODM|EMS:
+48 693 290 405
+48 68 45 75 144 or
+48 695 594 968
✉ ems@lumel.com.pl

LABORATORY

CONTACT
LABORATORY:
+48 68 45 75 161
✉ laboratorium@lumel.com.pl