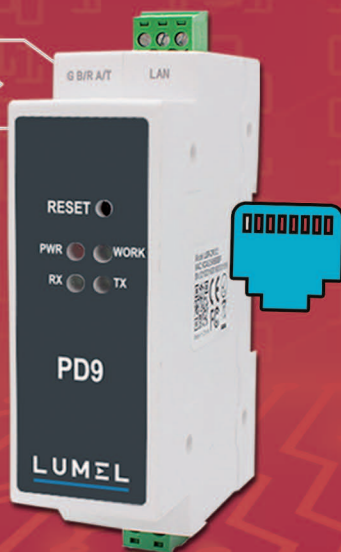




## SCREEN RECORDER **KD6**

- ▶ Easy and intuitive servicing based on the graphical Windows 3.5" TFT type colour LCD display.
  - ▶ Up to 60 logical channels (max. up to 8 analog channels).
  - ▶ Input:
    - Measuring Programmable (0,4 or 8)
    - Binary (0,4 or 8)
    - Modbus RTU Master (10 devices, 10 registers each).
  - ▶ Output:
    - Relay (0, 4, 6, 8 or 12)
    - Analog (0, 4 or 8)
    - Auxiliary power supply 24V d.c. / 30mA.
  - ▶ Supply voltage: 85...253V a.c., 90...300V d.c. or 20...60V d.c.
- 
- ▶ Depending on needs, the user has the choice of following communication interfaces: RS-485 MODBUS (Master and Slave), ETHERNET (MODBUS TCP/IP, WWW, FTP, NTP,DHCP), USB Host 2.0.
  - ▶ Possibility to exchange of configuration data between the recorder and PC through the USB interface.
  - ▶ Internal memory 8 GB.
  - ▶ Server WWW allows you to view the current state of the recorder through any web browser.
  - ▶ Advanced mathematical functions on measured values.
  - ▶ Archiving and visualisation of measuring data transmitted to KD6 from external devices via RS-485 MODBUS.
  - ▶ External dimension: 96 x 96 x 77 mm



## PD9

### CONVERTER RS-485/ETHERNET (REPLACEMENT FOR LUMEL PD8, PD9W WIRELESS IN PREPARATION)

- ▶ 2 communication interfaces: 1xRS485, 1xEthernet WAN/LAN
- ▶ Simple configuration via webpage or tool software
- ▶ Compact size designed for DIN rail mounting
- ▶ Work modes: TCP server/client, UDP server/client
- ▶ Support Modbus RTU to TCP, Modbus Polling
- ▶ Support DHCP, dynamic or static IP
- ▶ Watchdog function
- ▶ Wide working temperature range from -40 to 85°C
- ▶ Upgrade firmware via network



## 1-PHASE CURRENT TRANSFORMERS SPLIT CORE **COMPACT VERSION**



The transformers assembly on the rails with the various sections is possible by 4 window dimensions:

- ▶ 18,5 mm (compact version)
- ▶ 32,5 mm (compact version)
- ▶ 23 x 33 mm
- ▶ 82 x 52 mm
- ▶ 82 x 122 mm
- ▶ 82 x 162 mm

Measuring ranges: 100...5000 A

Measuring ranges: 150...500 A (compact version)

Quickly fixing current transformers LCTS series with split core are adapted to easy assembly on the mounting rail without the necessity of disconnecting the current circuit.

Owing to split core, the transformers could be used on the already installed current rails without the necessity of their disassembly and cutting.



## RE11 CONTROLLER - 2 OUTPUTS



- ▶ Display Type: 7 Segment LED Dual Bright Display
- ▶ Display Configuration: 4 + 4 Digits
- ▶ Accuracy:
  - For TC (J, K, T) inputs: 0.25% of F.S.  $\pm 1^\circ$
  - For TC (R, S) inputs: 0.5% of F.S.  $\pm 2$  (20min of warm up time)
  - For RTD inputs: 0.1% of F.S  $\pm 1^\circ$
- ▶ Resolution: 0.1/1 $^\circ$  for TC/RTD (fixed 1 $^\circ$  for R and S TC)
- ▶ Control Output: relay or SSR
- ▶ Auxiliary Output: relay

- ▶ Control Mode :
  - Auto Tune
  - Selftune
  - PID / ON-OFF
- ▶ Feature:
  - heat cool PID,
  - dwell timer,
  - selectable 2nd Set point

- ▶ Supply voltage: 90 to 270V AC / DC
- ▶ Size: 52 x 52 x 76mm
- ▶ Panel Mount





## NEW GENERATION OF DIGITAL PANEL METERS

- ▶ Modern and easy-to-read LCD display.
- ▶ Universal measuring input
- ▶ RS-485 digital output as a standard.

NEW



**N32U**  
Programmable digital meter of temperature,  
resistance and standard signals

NEW



**N32H**  
Digital meter of DC circuit parameters

NEW



**N32P**  
1-phase power network meter

NEW



**N32O**  
Programmable digital meter of pulses,  
frequency, rotational speed - N32O



## NEW PORTABLE V&A METERS IN LUMEL'S OFFER



NEW



**VA8060**  
Dual ways thermocouple meter

NEW



**VA8090**  
Infrared temperature and thermocouple meter

NEW



**VA8051**  
Luxmeter with sensor rotation

NEW



**VA8010**  
Temperature /humidity and dew point meter

NEW



**VA503**  
Pen R/C meter for SMD

NEW



**M266C**  
Clamp meter

NEW



**MS8221A**  
Pocket size digital multimeter

NEW



**VA19**  
5 in 1 Digital multimeter