

New Multifunction-meter **DUCATI**



DUCA-LCD96

- 96x96 panel mounting analyzer
- Large white-backlit LCD
- User-selectable backlight intensity level
- 4 measurements simultaneously displayed
- 146 displayed measurements
- Max-demand measurement
- Measurement accuracy: class 1
- Accuracy of primary measurements: 0,5%
- High accuracy thanks to “oversampling” techniques and automatic calibration process
- Automatic detection of CTs current flow for easy installation
- Autotest for quickly insertion check
- User-friendly interface thanks to 5 buttons for quick menu-scroll
- Easy setting of CT/VT ratio
- ThdF measurement (all phases) for distortion on voltage and current with % and absolute values
- Cogeneration mode selectable (2 or 4 quadrants) with separate counters and full instant balance indication
- Indication of partial energy for monitoring industrial processing cycles
- Energy conversion to money (€) and CO₂ production (also in cogeneration mode)
- 2 pulses outputs selectable as energy pulses or alarm outputs on 29 measures
- User selectable operation mode based on insertion-type (single-phase, three-phase, balanced three-phase, generic)
- User-Password protection
- User-selectable interface-language
- User selectable default displayed page
- Free-running timer for instrument “life-time” and count-down timer for “process working-time” (programmable counting threshold)
- Wide range power supply 24 ÷ 240VAC/DC (48 ÷ 240VAC/DC for “PROFI”, “ETH” and “IO” models)
- Low internal depth (58mm inside the panel) even for optional models
- Standard Model with integrated CTs; “BASE” Model with shunt input stage
- “485” Model with RS-485 interface: ASCII-Ducati and Modbus-RTU protocols user selectable
- “RELE” Model with booster-relay (250V-16A) for 2 additional alarm outputs and loads control
- “IO” Model with 2 insulated analog-outputs (0-20/4-20mA) and 3 insulated pulse-inputs for energy reading from GME counters
- “PROFI” Model with optically-insulated Profibus interface with DP-slave option according to IEC-61158
- “ETH” model with built-in Webserver and Modbus-TCP communication protocol, Ethernet RJ45 insulated interface connector with auto MDI / MDX crossover functionality

Codes:

DUCA-LCD96 BASE	468001288
DUCA-LCD96	468001289
DUCA-LCD96 485	468001291
DUCA-LCD96 485-IO	468001292
DUCA-LCD96 485-RELE	468001293
DUCA-LCD96 PROFI	468001294
DUCA-LCD96 ETH	468001296

Rev. B



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