



4825 0010

**new**

**DIRIS multi-function meters**

Compact and ergonomic, the DIRIS multifunction meter specially adapted for monitoring and managing electrical energy. Its communication function allows the analysis of data collected via a PLC energy management software.

- Compact: Panel or Din rail mount options enables easy integration into any type of electrical cabinet
- Compliant: **IEC61557-12** high-level standard for all PMDs (*Performance Monitoring Devices*)
- Advanced: Programmable input and output as standard including pulse metering, alarm report and pulse output
- RS485: Communication permits the extraction of data and device configuration remotely.
- Ease of use: Permits easy navigation via direct keys and easy to read backlit LCD screen display

**Multi-measurement (model dependant)**

- Current - Instantaneous and maximum average I1, I2, I3, In
- Voltage and frequency - Instantaneous V1, V2, V3, U12, U23, U31,F
- Frequency - 45~65 Hz
- Power - Instantaneous and maximum average 3P, ΣP, 3Q, ΣQ, 3S, ΣS
- Power factor - Instantaneous 3PF, ΣPF and maximum average
- Energy - Active energy: +/- kWh Reactive energy: +/- kvarh - hours
- Harmonic analysis - THD Current, voltage, phase-to-phase voltage
- Events - Alarms on all electrical values
- Energy accuracy - Active energy class 0.55

type	auxiliary power supply	number plug-in modules	description
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**DIRIS A10 multi-function meter** *DIN rail mount*

The DIRIS A10 is a modular multifunction meter for measuring electrical values in low voltage networks. It allows all electrical parameters to be displayed and utilised for communication and/ or output functions.

- Navigation is via 5 direct access keys and easy to read screen display
- Harmonic analysis up to (*level 51*)
- Integrated temperature sensor
- Detects wiring errors to automatically correct CT installation errors
- Dual tariff selection
- Dimensions: 72 x 90 mm x 64 mm deep

<b>4825 0010</b>	110 - 277 VAC	4	A10	72 x 90 mm DIN rail mount multifunction meter
<b>4825 0011</b>	110 - 277 VAC	4	A10	as above with RS485 MODBUS comms

*Available in light grey on request*



4825 0020

**DIRIS A14 multi-function meter** *DIN rail mount*

DIRIS A14 with MID certification provide the guaranteed accuracy required for applications in which sub-billing of the electrical energy consumed is necessary. A14 Bi-directional metering (*four quadrants*) function is for measuring energy production or consumption.

- Auxiliary power supply : Self supply
- Display of electrical values ( I,U,V, ΣP, ΣQ, ΣS, PF) and P + load curve Over a 7 day period via communication
- Total and partial metering +/- Kwh +/- Kvarh
- Harmonic analysis (*via comm*) up to level 63
- Multi traffic functions (*via comm.*) selection of one our of four billing tariffs
- Dimensions: 72 x 90 mm x 64 mm deep

<b>4825 0020</b>	50 to 460 VAC +/- 15%	4	A14	72 x 90 mm MID + RS485 MODBUS comm.
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**DIRIS A17 multi-function meter** *panel mount*

The DIRIS A17 compact meter includes a programmable input and output as standard on all versions, functions include pulse metering, alarm report and pulse output.

- Navigation is via 4 direct access keys and easy to read screen display
- Harmonic analysis up to (*level 31*)
- Dimensions: 72 x 72 mm x 60 mm deep

<b>4825 0101</b>	220 - 277 VAC	-	A17	72 x 72 mm panel mount multifunction meter
<b>4825 0102</b>	220 - 277 VAC	-	A17	as above with RS485 MODBUS comms



4825 0101