

**DIRIS series - Multifunction 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 or 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 PMD's (*Performance Monitoring Devices*)
- 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
- Advanced: Programmable input and output as standard including pulse metering, alarm report and pulse output

**Multi-measurement (model dependant)**

- Frequency - 45 - 65 Hz
- Current - Instantaneous and maximum average I1, I2, I3, In
- Voltage and frequency - Instantaneous V1, V2, V3, U12, U23, U31,F
- 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 (IEC 62053-23)

type	auxiliary power supply	width in	description
		17.5 mm	

**DIRIS A10 - Multifunction 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 0400</b>	110 - 277 VAC	4	A10	72 x 90 mm DIN rail mount multifunction meter
<b>4825 0401</b>	110 - 277 VAC	4	A10	as above with RS485 MODBUS comms



4825 0400

**DIRIS A14 - Multifunction 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. With Bi-directional metering (*four quadrants*) function, allowing for measurement of energy production or consumption.

- Auxiliary power supply : Self supply
- Display of electrical values ( I,U,V, ΣP, ΣQ, 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.
------------------	-----------------------	---	-----	-------------------------------------



4825 0020