



4825 0200



4825 0201



4825 0094

type	auxiliary power supply	number plug-in modules	description	
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DIRIS A20 multi-function meter *panel mount*

DIRIS A20 multifunction meters are panel mounted measurement units which ensure the user has access to all the measurements required for successfully carrying out energy efficiency projects and ensuring the electric distribution is monitored.

- Detects wiring errors to automatically correct CT installation errors
- Hours metering
- Harmonic analysis up to (level 51)
- Accepts 1 x functional plug-in module for 1 x output or RS485 MODBUS communication
- Dimensions: 96 x 96 mm x 60 mm deep

4825 0200	110 - 400 VAC	1	A20	96 x 96 mm panel mount multi-function meter
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DIRIS A40/41 multi-function meter *panel mount*

The Diris A40/41 series provides access to all measurements required for successfully carrying out energy efficiency projects for electrical distribution monitoring, the units are easily customisable or upgradeable through optional plug-in modules (up to 4).

- A41 has CT current input for measuring neutral current as well
- Provides accurate instantaneous, average and maximum levels of most important measurements
- Metering Active, reactive and apparent energy with hours
- Harmonic analysis up to (level 53)
- Provide load curves of Active/Reactive power with voltages and frequency
- Internal temperature and external temperature (via 3 PT100 sensors)
- Accepts 4 x functional plug-in modules
- Dimensions: 96 x 96 mm x 60 mm deep

4825 0201	110 - 400 VAC	4	A40	96 x 96 mm panel mount multi-function meter
4825 0202	110 - 400 VAC	4	A41	as above with neutral monitoring
4825 1201	12 - 48 VDC	4	A40	96 x 96 mm panel mount multi-function meter
4825 1202	12 - 48 VDC	4	A41	as above with neutral monitoring

DIRIS A60 multi-function meter *energy monitoring and event analysis*

The Diris A60 incorporates all functions of the A40 with additional enhanced data logging functions, recording curves for quality events. All information can be analysed remotely using freely downloadable analysis software from the SOCOMEC website.

- Indicates current and voltage imbalances and tangent ϕ
- Stores load curves (60 days with intervals of 10 mins) for active, reactive, apparent power
- Detects and stores last 40 events - overvoltage, voltage dips, cut-offs, overcurrent for each stored event A60 records the relevant RMS 10ms interval curves
- Dimensions: 96 x 96 mm x 60 mm deep

4825 0207	110 - 400 VAC	4	A60	96 x 96 mm panel mount multi-function meter
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Accessories for DIRIS meters

Plug-modules *(for customisation or upgrading of meters)*

type	function	description		for model
4825 0080	1 x output	plug-in optional modules		A20
4825 0082	RS485 MODBUS comms	plug-in optional modules		A20
4825 0090	2 configurable pulse outputs	plug-in optional modules		A40/41/A60
4825 0092	RS485 MODBUS comms	plug-in optional modules		A40/41/A60
4825 0093	2 Analog outputs	plug-in optional modules		A40/41/A60
4825 0094	2 inputs / 2 outputs	plug-in optional modules		A40/41/A60
4825 0205	Sub D9 PROFIBUS DP comm	plug-in optional modules		A40/41
4825 0097	Memory	plug-in optional modules		A40/41
4825 0203	Ethernet communication	with Embedded Webserver function		A40/41/A60
4825 0204	Ethernet + RS485 MODBUS	with Embedded Webserver function		A40/41/A60
4825 0089	IP65 protection	IP65 protection cover for DIRIS meters		A40/41/A60