

48250402

Multi-measurement DIRIS A-20 110-400VAC/120-350VDC



Strong points

- User-friendly operation
- Compliant with IEC 61557-12
- Detects wiring errors
- Customisable

Compliance with standards

- IEC 61557-12
- IEC 62053-22 Class 0.5 S
- IEC 62053-23 Class 2
- UL

Link to the reference



<https://emea.socomec.com/en/reference/48250402>

DIRIS A-20 units are Power Metering and Monitoring Devices (PMD) that provide the user with all of the measurements needed to complete energy efficient projects successfully and to provide assured monitoring of electrical distribution.

All of this information can be used and analysed remotely using energy efficiency software packages.

Classification

UNSPSC	83101808
ETIM Class	EC002301
IGCC	6042

Commerce

Description	Multifunction power meter DIRIS A-20 panel mounted with Optional Modbus communication protocols and Optional RS485 communication ports, power meter for low voltage electrical installations, compatible with 1A or 5A secondary CTs
Effective date	2017-12-01
Offer Life Cycle Code	40
Country of origin	TN

Environmental impact

Carbon footprint - Manufacturing [A1-A3] [kg CO ₂ eq.]	54
PEP Filename	SOCO-00032-V01.01-EN.pdf

ETIM - Electrical characteristics

Accuracy class reactive energy according to IEC 62053-23	Other
Sampling frequency [Hz]	65
Number of voltage measurement inputs	3
Number of current measurement inputs	3
Voltage type (supply voltage)	AC/DC
Supply voltage AC 50 Hz [V]	110..400
Supply voltage AC 60 Hz [V]	110..400
Supply voltage DC [V]	120..289
Measuring range for frequency [Hz]	45..65

ETIM - Mechanical characteristics

Width [mm]	96
Height [mm]	96
Depth [mm]	60
Degree of protection (IP), front side	Other

ETIM - Technical features

Ampere meter	Yes
Blind power meter	Yes
With rotational speed meter	No
Frequency meter	Yes
Pulse counter	Yes
Voltmeter	Yes
Effective power measurement device	Yes
Display	LCD

Remote display	No
Logistics	
GTIN/EAN	3596033014819
Customs number	9030310090
Price unit	PC
Weight of the packing unit [kg]	0.42
Length of the packing unit [m]	0.12
Width of the packing unit [m]	0.11
Depth of the packing unit [m]	0.11
Materials and substances	
EU REACH	Does not contain SVHC
EU RoHS	Compliant
Norms	
Conformity to standards	IEC UL
Technical Characteristics	
Height [mm]	96
Width [mm]	96
Depth [mm]	60
Weight [kg]	0.4
Application	Monitoring
Communication ports	Optional RS485
Communication protocols	Optional Modbus
Model	A-20