

48250604

Socomec DIRIS A-200 Quick Connect Power Quality Meter
RS485 Dual Ethernet



Component type	Multifunction measuring instrument
Range	DIRIS A-200
Model	N/A
Product status	New Item

The DIRIS A-200 is a versatile feature-rich power quality meter with quick connect R12 CTs. It offers a wide range of power quality analysis functionalities such as waveform capture, time of use calendar, voltage interruptions, harmonic monitoring and tariff management. The A-200 also has multiple native communication points allowing for the data to be used by more than one EMS, BMS or SCADA.

ELECTRICAL

Pole type	Three conductor/four conductor
Voltmeter	Yes
Pulse counter	No
Effective power measurement device	Yes
Accuracy class active energy according to IEC 62053-22	0.1S
Accuracy class reactive energy according to IEC 62053-23	Other
Voltage type of supply voltage	AC
Sampling frequency	9600 Hz
Ethernet-connections	2
Number of current measurement inputs	4
Display resolution (horizontal)	350 px
Display resolution (vertical)	160 px
Number of voltage measurement inputs	4

COMMUNICATION

Supporting protocol for other bus systems	Yes
Supporting protocol for Modbus	Yes
Supporting protocol for BACnet	Yes
Web server with HTTPS transfer protocol	Yes
Supporting protocol for IEC 61850 Ethernet	No
Supporting protocol for OPC UA PubSub	No
Supporting protocol for PROFIBUS	No
Supporting protocol for PROFINET IO	No
With firmware signature	Yes
With logging of security events (security event log)	Yes

CONSTRUCTION

Model	Measurement transformer
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CONSTRUCTION	Number of analogue inputs	0
	Number of analogue outputs	0
	Number of digital inputs	3
	Number of digital outputs	1
	Mounting method	Front mounting
	Degree of protection (IP), front side	Other
MECHANICAL	Display	Graphic
	Remote display	No
DIMENSIONS	Depth	108 mm
	Width	98.5 mm
	Height	98.5 mm
ENVIRONMENT	Operating temperature	-25-70
	Storage temperature	-40...85 °C

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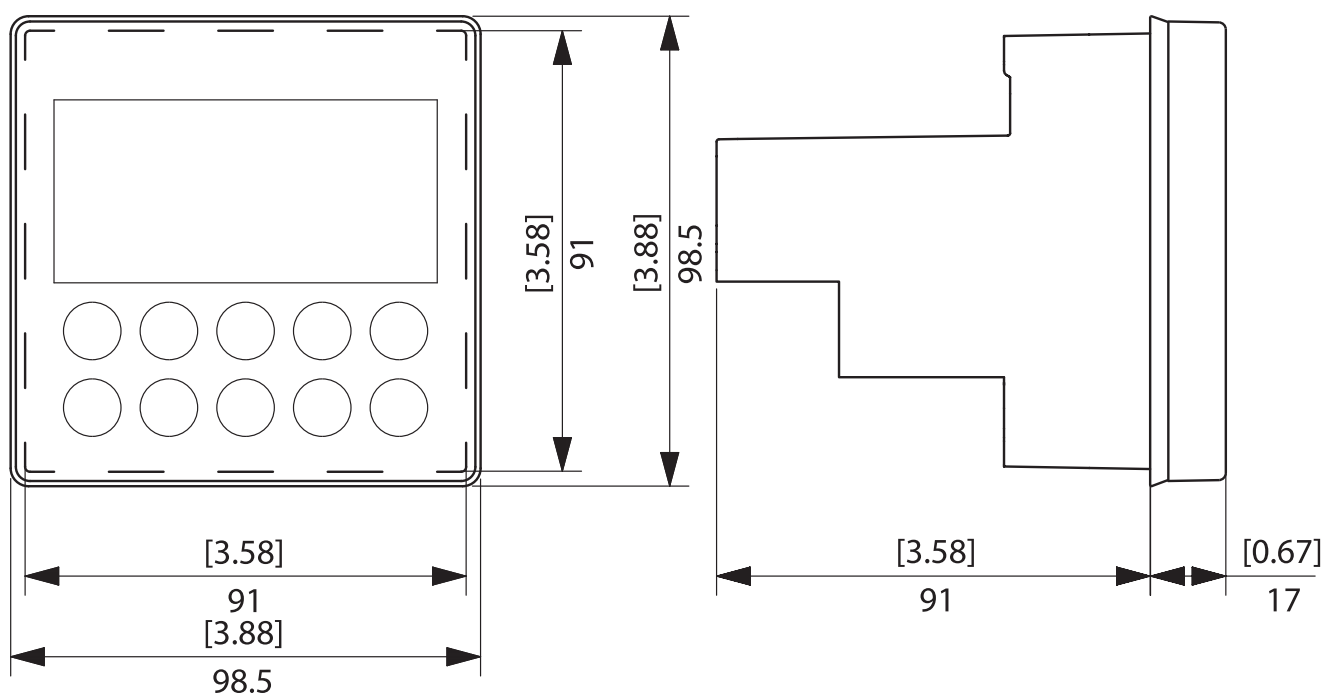


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DIMENSIONAL DIAGRAM

2 Dimensions [in]/mm and mounting



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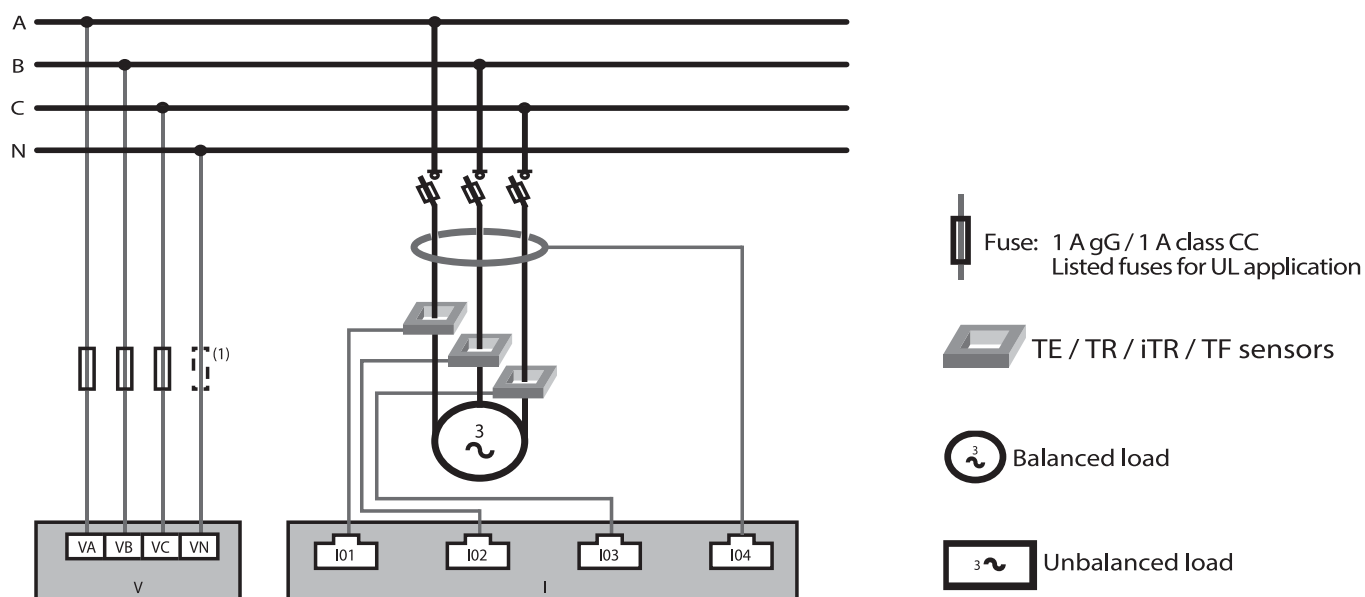
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ELECTRICAL CONNECTION DIAGRAM



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RELATED PRODUCTS

ACCESSORY



Item No: 4829050020A

Required: No

Description: Socomec TE-18 Solid Core CT 5-20A 8.4mm Holes 18mm Centres for Digiware and Diris A-xx

Item No: 48290501

Required: No

Description: Socomec TE-18 Solid Core CT 25-63A 8.4mm Holes 18mm Centres for Digiware and DIRIS A-xx

Item No: 48290502

Required: No

Description: Socomec TE-25 Solid Core CT 40-160A 13.5 x 13.5mm Holes 25mm Centres for Digiware and DIRIS A-xx

Item No: 48290503

Required: No

Description: Socomec TE-35 Solid Core CT 63-250A 21 x 21mm Holes 35mm Centres for Digiware and DIRIS A-xx

Item No: 48290504

Required: No

Description: Socomec TE-45 Solid Core CT 160-630A 31 x 31mm Holes 45mm Centres for Digiware and DIRIS A-xx

Item No: 48290505

Required: No

Description: Socomec TE-55 Solid Core CT 400-1000A 41 x 41mm Holes 55mm Centres for Digiware and DIRIS A-xx

Item No: 48290506

Required: No

Description: Socomec TE-90 Solid Core CT 600-2000A 64 x 64mm Holes 90mm Centres for Digiware and DIRIS A-xx

Item No: 48290555

Required: No

Description: Socomec TR-10 Split Core CT 25-63A 10mm Diameter for Digiware and DIRIS A-xx



Item No: 48290556

Required: No

Description: Socomec TR-14 Split Core CT 63-160A 14 x 15mm for Digiware and DIRIS A-xx

Item No: 48290557

Required: No

Description: Socomec TR-21 Split Core CT 63-250A 21 x 23mm for Digiware and DIRIS A-xx

Item No: 48290558

Required: No

Description: Socomec TR-32 Split Core CT 160-600A 32 x 33mm for Digiware and DIRIS A-xx

Item No: 48290573

Required: No

Description: Socomec TF-40 Rogowski Coil CT 100-400A 40mm Diameter for Digiware and DIRIS A-xx

Item No: 48290574

Required: No

Description: Socomec TF-80 Rogowski Coil CT 150-600A 80mm Diameter for Digiware and DIRIS A-xx

Item No: 48290575

Required: No

Description: Socomec TF-120 Rogowski Coil CT 400-2000A 120mm Diameter for Digiware and DIRIS A-xx

Item No: 48290576

Required: No

Description: Socomec TF-200 Rogowski Coil CT 600-4000A 200mm Diameter for Digiware and DIRIS A-xx

Item No: 48290577

Required: No

Description: Socomec TF-300 Rogowski Coil CT 1600-6000A 300mm Diameter for Digiware and DIRIS A-xx



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ACCESSORY



Item No: 48290578

Required: No

Description: Socomec TF-600 Rogowski Coil CT 1600-6000A 600mm Diameter for Digiware and DIRIS A-xx

Item No: 48290580



Required: No

Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 0.1m

Item No: 48290581



Required: No

Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 0.2m

Item No: 48290582



Required: No

Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 0.3m

Item No: 48290583



Required: No

Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 1m

Item No: 48290584



Required: No

Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 2m

Item No: 48290588



Required: No

Description: Socomec RJ12 x 4 CT to Meter Cable for Digiware and DIRIS A-xx 1m

Item No: 48290589



Required: No

Description: Socomec RJ12 x 4 CT to Meter Cable for Digiware and DIRIS A-xx 2m

Item No: 48290590



Required: No

Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx 0.1m



Item No: 48290591

Required: No

Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx 0.2m

Item No: 48290592

Required: No

Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx 0.3m

Item No: 48290593

Required: No

Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx 1m

Item No: 48290594

Required: No

Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx 2m

Item No: 48290595

Required: No

Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 0.5m

Item No: 48290596

Required: No

Description: Socomec RJ12 x 4 CT to Meter Cable for Digiware and DIRIS A-xx Cable 0.5m

Item No: 48290597

Required: No

Description: Socomec RJ12 x 6 CT to Meter Cable for Digiware and DIRIS A-xx Cable 0.5m

Item No: 48290599

Required: No

Description: Socomec Adapter Standard CT To RJ12 Plug for Digiware and DIRIS A-xx

Item No: 48290602

Required: No

Description: Socomec RJ12 x 1 CT to Meter Cable 600V for Digiware and DIRIS A-xx 5m



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ACCESSORY



Item No: 48290603

Required: No

Description: Socomec RJ12 x 1 CT to Meter Cable for Digiware and DIRIS A-xx 10m



Item No: 48290606

Required: No

Description: Socomec RJ12 x 3 CT to Meter Cable for Digiware and DIRIS A-xx 3m



Item No: 48290655

Required: No

Description: Socomec iTR-10 Smart Split Core CT 25-63A 10mm Diameter for Digiware and DIRIS A-xx



Item No: 48290656

Required: No

Description: Socomec iTR-14 Smart Split Core CT 40-160A 14mm Diameter for Digiware and DIRIS A-xx



Item No: 48290657

Required: No

Description: Socomec iTR-21 Smart Split Core CT 63-250A 32mm Diameter for Digiware and DIRIS A-xx



Item No: 48290658

Required: No

Description: Socomec iTR-32 Smart Split Core CT 160-600A 32mm Diameter for Digiware and DIRIS A-xx



Item No: 48290670

Required: No

Description: Socomec RJ12 x 3 Female to Female Connectors Extension for TF CTs