



Acrel ADL200 - Summary Sheet

This 80A direct connect DIN Rail meter is for use with single phase supplies and measures electrical parameters including Current (I), Voltage (V), Power (kW/KVA/KVAR), Power Factor (PF), Frequency (Hz), Imported, Exported and Total Energy (kWh/kVARh).

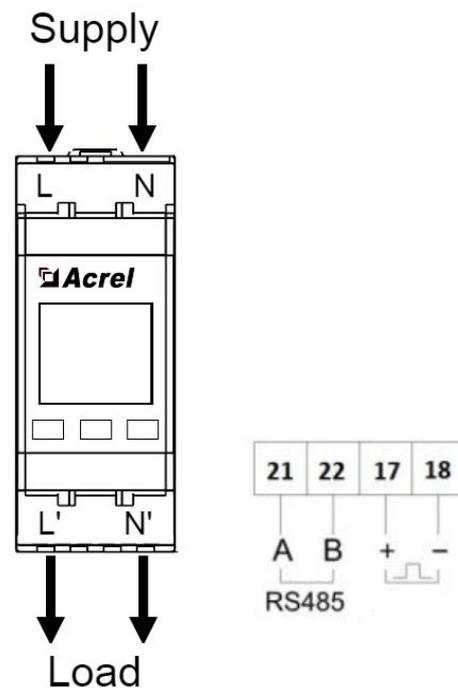
It's MID approved, allowing it to be used for billing applications and is highly accurate, (Class B, $\pm 1\%$). With both a Pulse Output and RS485 Modbus RTU it can be integrated with BMS or remote monitoring systems.

This meter is supplied complete with a DIN rail enclosure featuring easy access for wiring and multiple sealing points for additional security. We have 2 enclosures available for added flexibility, our SPDAC20EBK has knockouts on the rear, while our SPDAC20EBT has knockouts on the top & bottom.

Specification

Part Code	SPDAC20EBK (Back Cable Entry) SPDAC20EBT (Top/Bottom Cable Entry)
Meter Type	Single Phase
Fitting Type	DIN Rail
Max. Current (Amps)	80
MID Approved	Yes
Smart	No
Input Type	Direct Connect
Output Type	Pulse / Modbus
Tariffs	Single
Import / Export	Import & Export
Accuracy Class	B (Cl. 1)
Max. Cable Size	25mm
Module Width	2
Availability	Next Day

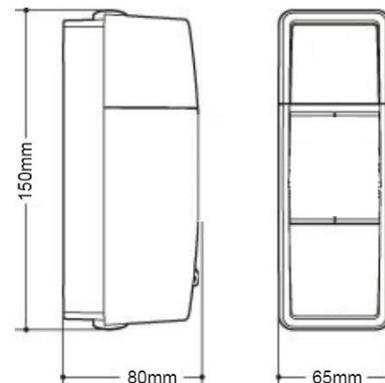
Wiring Diagram



Measured Parameters

Active Energy (kWh)	✓	Frequency (Hz)	✓
Active Power (W)	✓	Hours Run (hr)	✗
Apparent Energy (kVAh)	✓	Maximum Current (I)	✗
Apparent Power (VA)	✓	Maximum Power Demands (W)	✗
Average Current (I)	✗	Maximum Voltage (V)	✗
Average Power Demands (W)	✗	Power Factor (PF)	✓
Average Voltage (V)	✗	Reactive Energy (kVARh)	✓
Current (I)	✓	Reactive Power (VAR)	✓
Current in Neutral (I)	✗	Voltage (V)	✓

Dimensions



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