



Acrel ADL400D - Summary Sheet

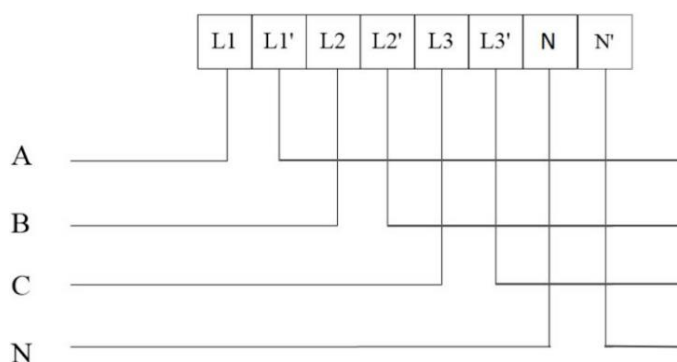
This direct connect DIN Rail meter is for use with three phase supplies and measures electrical parameters including Current (I), Voltage (V), Power (kW/KVA/KVAr), Power Factor (PF), Frequency (Hz), Imported, Exported and Total Energy (kWh/kVArh).

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.

Specification

| | |
|---------------------|-----------------|
| Part Code | TPDAC4D |
| Meter Type | Three Phase |
| Fitting Type | DIN Rail |
| Max. Current (Amps) | 100 |
| MID Approved | Yes |
| Smart | No |
| Input Type | Direct Connect |
| Output Type | Pulse / Modbus |
| Tariffs | Single |
| Import / Export | Import & Export |
| Accuracy Class | B (Cl. 1) |
| Module Width | 4 |
| Availability | Next Day |

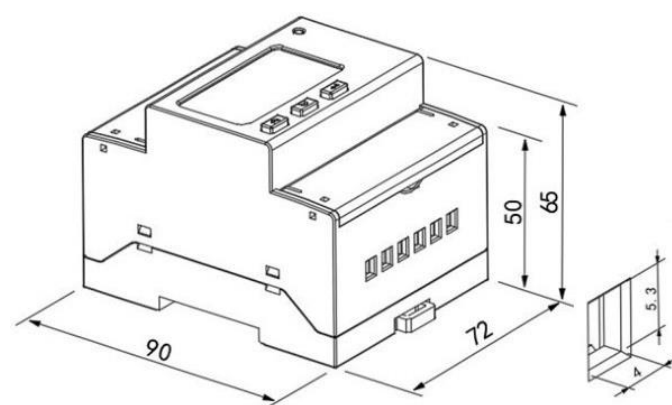
Wiring Diagram



Measured Parameters

| | | | |
|---------------------------|---|-----------------------------------|---|
| Active Energy (kWh) | ✓ | Line Power Factor (PF) | ✓ |
| Active Power (W) | ✓ | Line Reactive Power (kVAr) | ✓ |
| Apparent Energy (kVAh) | ✓ | Line to Line Voltage (V) | ✓ |
| Apparent Power (VA) | ✓ | Line to Neutral Voltage (V) | ✗ |
| Average Current (I) | ✗ | Maximum Current (I) | ✗ |
| Average Power Demands (W) | ✗ | Maximum Power Demands (W) | ✗ |
| Average Voltage (V) | ✗ | Maximum Voltage (V) | ✗ |
| Current (I) | ✓ | Power Factor (PF) | ✓ |
| Current in Neutral (I) | ✗ | Reactive Energy (kVArh) | ✓ |
| Frequency (Hz) | ✓ | Reactive Power (VAr) | ✓ |
| Hours Run (hr) | ✗ | Total Harmonic Distortion (Amps) | ✓ |
| Line Active Power (W) | ✓ | Total Harmonic Distortion (Volts) | ✓ |
| Line Apparent Power (kVA) | ✓ | Voltage (V) | ✓ |
| Line Current (I) | ✓ | | |

Dimensions



Web: www.spwales.com | **Email:** sales@spwales.com | **Phone:** 01803 295430

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