

## Meter Management Unit MMU1 Data Sheet

### Product description

The SHM MMU1 (Meter Management Unit) is an IP65 Meter enclosure for a DIN rail meter. It is designed for quick and simple installation in the field. It includes Voltage fuses and CT disconnects to allow for simple and safe meter replacement if required.

The MMU is suitable for DIN rail meters with width from 1-7\* DIN modules.

The MMU uses a standard layout of terminals, whatever the meter, making for error free wiring.

When MMU and Meter are purchased together, they are pre-wired, and if CTs are also supplied, SHM will pre-configure the CT ratio and pulse value. If an Energy Meter has both Pulse Output and Modbus communications it will be supplied pre-wired so that it can be easily integrated with any type of system.

- Meter supplied ready to install
- No wiring errors
- No cut-outs or special mounting facilities
- No need for separate meter fusing
- Saves installation time and costs
- Standard wiring
- Easy meter servicing
- Easy commissioning
- Easy verification of accuracy

\* Please contact SHM if meter wider than 7 modules (eg ABB Delta + comms module)

### MMU specifications

#### Dimensions

Size 274 x 218 x 140mm. Fixing hole centres 164 x 90mm.

#### Protection

IP65

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### Simple installation

#### Cable entry

'Glandless' entry – pierce cables through gland plate, no stuffing glands needed.

#### Voltage and Current terminals

Standard DIN terminal layout.

4mm<sup>2</sup> screw terminals, Voltage terminals are fused.

#### Other terminals

2.5mm<sup>2</sup> screw terminals, pulse and modbus terminals.

#### Shorting and disconnect procedure

If CTs need to be disconnected; release the yellow bridging piece by releasing the two screws two turns, so the yellow shorting bridge can be pushed down, then tighten down the screws. Fuse holders are released by pressing down then out from the top. A spare fuse is stored in the L1 fuse holder. Neutral should be disconnected.

### General specifications

**Operating temperature (°C):** Subject to Meter fitted

**Weight:** 1.4kg MMU not including meter



MMU1 with meter pre-fitted