

Ordering references

250A powerboard with metering facility

13 SP positions	MG25C2M
17 SP positions	MG25C4M

250A Panelboard

Incoming/Outgoing metering

The metering extension box allows for metering for the incoming and outgoing devices to be metered. The kit comes complete with a fuse holder and wiring looms to provide power to the meters. The meters and CT modules are ordered separately.

630 & 800A Panelboards

Incoming metering

This is easily added to a board when it is first being installed. The kit comprises an extension box that houses the meter and, when fitted to the same end of the board as the incoming cables, provides additional space for the main incoming cables. All components including the meter, CTs and wiring is included in the kit. The meter is fully set up for the CT ratio and the voltage configuration.

Outgoing circuit metering

Metering can be fitted to some or all of the three phase outgoing circuits on 630A & 800A boards whether the boards are fitted with incoming metering or not.

The arrangement consists of side extension boxes that house the meters and also provide additional cabling space. Meters and current transformers are ordered separately to meet the needs of the installation. The necessary cable looms are included with the steelwork. The meters are mounted on hinged doors. The box also contains the auxiliary busbar that provides the 240V control supply for the meters. The left hand extensions have sufficient meter positions for half the number of outgoing ways. The right hand extensions have positions for half the number of outgoing ways plus three additional positions. These extra positions may be used for additional metering or mounting surge arresters, control fuses etc. The lower two positions have a transparent window and DIN rail. This can be removed if not required.

Note: the meters, CT modules and surge arresters must be ordered separately

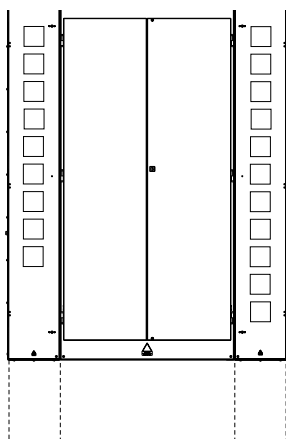
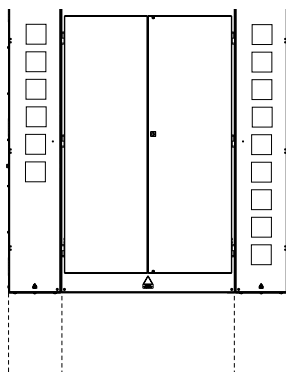
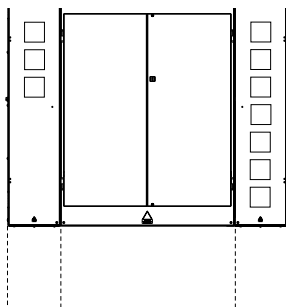
Incoming and outgoing metering for boards up to 630A

(This arrangement is not applicable for boards fitted with MGPINC direct connections). When both incoming and outgoing metering is required there is a very cost effective solution by incorporating the incoming metering into the right hand side extension box. Components required are:

- Standard extension box MG6CEX to provide the required cable spreading space
- Current transformer module to fit on line side of incoming breaker.
- PM750MG meter.
- Two MGPC2025 corner units, optional

The meter should be cabled to the CT module according to the diagram supplied. (loom not supplied). The auxiliary supply to the meter should be taken from one phase and neutral and must be suitably fused.

Note. A warning notice should be placed in the board as the voltage connections are taken off the live side of the main breaker.



MG2C* 250A board

Incoming metering kit 250A	MG6CEXM
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MG6Cxx 630A board

Incoming metering kit 400A	MG64M
630A	MG66M

MG8Cxx 800A board

Incoming metering kit 800A	MG88M
MG88MX - less meter	

630A & 800A outgoing metering side extension boxes

6 way board	Left hand side (*)	3 meter positions	MGPCM6L
	Right hand side (*)	7 meter positions	MGPCM6R
12 way board	Left hand side (*)	6 meter positions	MGPCM12L
	Right hand side (*)	9 meter positions	MGPCM12R
18 way board	Left hand side (*)	9 meter positions	MGPCM18L
	Right hand side (*)	11 meter positions	MGPCM18R

(*) When the board is inverted for top entry main cables these side extensions fit on the other side of the board.

Accessories

Cable loom	MGPCML
Meter blanks	03908