

# Modular Meter Centres

## Selection Procedure

*Selection*

1. Select one service entrance safety switch, reference p.2/5.
2. Select required Tap Box or Main Lug Feed Kit with or without a Transition Box.
3. Select type and quantity of slide-in Meter Socket Modules.
4. Select Main Bus Connector Kits to join each stack.
5. Select quantity of Blank Filler Plates as per left over empty space.

METER CENTERS 2

Examples - Typical 600A Main Service 120/240V 1Ø 3W c/w 16 x 100A and 1 x 200 sub-service breakers					
Option 1 c/w Tap Box & Bolt-on Breakers			Option 2 c/w Transition Box & Plug-in Breakers		
QTY	Catalogue Number	Description	QTY	Catalogue Number	Description
1	ID226 or HFC226N	Safety switch 600A 2p 240V	1	ID226 or HFC226N	Safety switch 600A 2p 240V
1	MLTB1-600	Standard Tap Box 600A	1	MTB-600	Transition Box 600A
4	MMS4-125	Meter socket module 125A 4 jaws	1	MLFK1	Main lug kit
1	MMS4-200QJ	Meter socket module 200A 4 jaws QJ	4	MMS4-125	Meter socket module 125A 4 jaws
2	MMC14-6125	Complete stack	1	MMS4-200	Meter socket module 200A 4 jaws
1	MMC1	Basic stack	2	MMC14-6125	Complete stack
2	MBSS1-600	Main bus connector kit	1	MMC1	Basic stack
1	MBHP-2	Blank filler plates	2	MBSS1-600	Main bus connector kit
16	BQ2B100	100A Bolt-on breaker	1	MBHP-2	Blank filler plates
1	QJ2B200	200A Bolt-on breaker	16	Q2100	100A Plug-in breaker
1	MTRK-64	Wall mounting rail	1	EQ9685	200A Plug-in breaker
			1	MTRK-64	Wall mounting rail

### Reference Chart: Number of Blank Filler Plate Kits Required

Refer to this chart to calculate how many Blank Filler Plate Kits are needed in a meter stack after the quantity of Meter Socket Module is determined.			
Catalogue Number	Description	Height in modules (1 module = 8 <sup>7</sup> / <sub>8</sub> " = 125 mm)	Qty of kits #MBHP-2 (2 plates/kit)
MMC1 & MMC3	Basic meter stack	6 modules	6
MMS4-125	Meter socket module 125A 4 jaws	1 module	1
MMS5-125	Meter socket module 125A 5 jaws	1 module	1
MMS4-200	Meter socket module 200A 4 jaws	1.5 modules	2
MMS5-200	Meter socket module 200A 5 jaws	1.5 modules	2
MMS4-200QJ	Meter socket module 200A 4 jaws QJ	1.5 modules	2
MMS5-200QJ	Meter socket module 200A 5 jaws QJ	1.5 modules	2
MMS7-100	Meter socket module 100A 7 jaws	1.5 modules	2
MMS7-200	Meter socket module 200A 7 jaws	3 modules	3

# Modular Meter Centres

## Meter Centre Stack, Meter Socket Module and Main Bus Connectors

*Selection*

**Basic Meter Stack (cold metering)** - Meter socket modules and blank plates must be ordered separately

Main Service Voltage	Sub-service Voltage	Catalogue Number	Max. Sub-service Meter Socket for each amperage <sup>①</sup>			Dimensions - Inches (mm)			Height - MOD	Weight - lbs.(kg)
			100A	125A	200A	H	W	D		
120/240 1Ø3W	120/240 1Ø3W	MMC1	N/A	6	4	78 (1981)	14 (356)	7 1/4 (184)	6	67 (30.4)
120/208 1Ø3W	120/208 1Ø3W	MMC3	N/A	6	4					7 (31.8)
120/208 3Ø4W	120/208 3Ø3W	MMC3	4	N/A	2					

**Complete Meter Stack (cold metering)**<sup>①②</sup> - Meter socket modules included

Main Service Voltage	Sub-service Voltage	Catalogue Number	Number of Jaws	Sub-service Meter Socket included	Dimensions - Inches (mm)			Height - MOD	Weight - lbs.(kg)
					H	W	D		
120/240 1Ø3W	120/240 1Ø3W	MMC14-6125	4	6 x MMS4-125	78 (1981)	14 (356)	7 1/4 (184)	6	109 (49.6)
120/208 1Ø3W	120/208 1Ø3W	MMC35-6125	5	6 x MMS5-125					112 (50.9)

### Meter Socket Module<sup>①</sup>

Sub-service Voltage	Meter Socket Rating	Catalogue Number	Number of Jaws	Provision Breaker type	Phase Connection	Height		Weight - lbs.(kg)
						in. (mm)	MOD	
120/240 1Ø3W	125A	MMS4-125	4	BQ, BQH, HBQ, Q, QP, QPH, HQP	AB	8 7/8 (225)	1	7 (3.2)
120/240 1Ø3W	200A	MMS4-200	4	EQ96XX	AB	13 5/16 (338)	1.5	11 (5)
		MMS4-200QJ	4	QJ2, QJH2, QJ2H, HQJ2H				
120/208 3Ø4W	125A	MMS5-125	5 <sup>③</sup>	BQ, BQH, HBQ, Q, QP, QPH, HQP	AB <sup>④</sup>	8 7/8 (225)	1	7 (3.2)
120/208 3Ø4W	200A	MMS5-200	5 <sup>③</sup>	EQ96XX	AB <sup>④</sup>	13 5/16 (338)	1.5	11 (5)
		MMS5-200QJ	5 <sup>③</sup>	QJ2, QJH2, QJ2H, HQJ2H				
120/208 3Ø4W	100A	MMS7-100	7 <sup>③</sup>	BQ, BQH, HBQ, Q, QP, QPH, HQP	ABC	13 5/16 (338)	1.5	10 (4.6)
120/208 3Ø4W	200A	MMS7-200	7 <sup>③</sup>	QJ2, QJH2, QJ2H, HQJ2H		26 5/8 (676)	3	16 (7.3)

**Main Bus Connector Kit** - Allows the connection of two meter stacks

Sub-service Voltage	Ampere Rating	Catalogue Number	Use with Meter Module Type	Weight - lbs.(kg)
120/240 1Ø3W	600A	MBSS1-600	MMC1	3 (1.3)
	1200A	MBSS1-1200	MMC14-6125	7 (3.18)
120/208 3Ø4W	600A	MBSS3-600	MMC3	4 (1.82)
	1200A	MBSS3-1200	MMC35-6125	10 (4.55)

① Provision only, breakers not included

② Complete meter stacks are factory balanced for ease of installation

③ Meter socket modules with 5 and 7 jaws can be assembled in the same meter stack as long as the system is balanced.

④ MMS5-125 and MMS5-200 have AB phase connections by default. Phasing connections can be changed on the field to AC or BC to balance the load on the system.