EXMAS INTERNATIONAL SOLUTIONS LTD.

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Product Illustration/Features

Pages: • DE4-3 to DE4-9

Features:
- 400A to 1200A main bus capacity
- 100/125A, and 200A meter sockets with 4, 5, or 7 Jaws
- Meter stacks rated at 240 V Max., single or three phase
- Up to 200A sub-service capacity
- 2 or 3-pole sub-service circuit breakers
- Left-hand or right-hand entry available on all meter stacks
- Provision for top and/or bottom exiting of sub-service load wiring from all meter stacks
- CSA Type A “cold metering”
- Combined 125/200A meter stacks
- “Hook and Hang” provision/mounting rail
- Painted to an ASA49 grey finish

Square D Meter Centres are designed to provide a compact and versa tile metering and distribution centre to suit today's residential, commer cial, and industrial markets. Meter Centres now feature new combined 125/200A stacks in one sub-service as well as 3-high 125A 4 and 5 Jaw stacks. No other metering system provides the same advantages of in stallation convenience and subsequent time-saving economy.

All metering stacks are shipped from the factory with meter sockets and vertical bus bars pre-installed, and require a minimum of on site labour time to install the circuit breakers and main bus links. At the site, the con tractor has only to bolt the individual enclosures together, install the re quired circuit breakers, connect the main bus links together, and connect the individual distribution cables to their respective sub-service locations.

Screw-on, sealable covers over the meter sockets and circuit breakers are finished with a grey epoxy powder coating. Provision to lock and seal the circuit breaker handles in the “off” position has been made for the convenience of utilities and electrical inspectors.

Circuit breakers required for 125A, 4/5 Jaw sub-service sections are of the 2-pole QWIK-OPEN® QOB Type. QOB breakers are available from 10-125A. Circuit breakers required for 100A 7 Jaw stacks are the 3-pole QD/QG circuit breakers and are available at 70A and 100A.

Square D QD/QG Type moulded case circuit breakers are required for 200A sub-service sections. Type QD circuit breakers are available in rat ings from 100A to 200A in both the 2- and 3-pole styles and have a 25,000A IC at 240 VAC. Type QG circuit breakers are available in rat ings from 100A to 200A in both 2- and 3-pole styles and have a 65,000A IC at 240 VAC.

All meter stacks are designed for CSA Type A “cold metering” in which the individual sub-service breakers are connected on the line side of the meter sockets thereby protecting the meter and all electrical equipment installed subsequent to it.

These features, along with the modular design, produce a top quality Meter Centre that will provide dependable service well into the future.

Meter Stacks Available with 100/125 and 200A Sub-Service Capacity

100/125A Meter Stacks▲●

Main Service Voltage	Sub-Service Voltage	Meter Socket Rating and No. of Jaws	No. of Sub-Services	Catalogue Number	Circuit Breaker Type	Vertical Bus Bar Rating (Amp)	Overall Dimensions (in./mm)		
							H	W	D
120/240 V 1Ø3W	120/240 V 1Ø3W	125A 4-Jaw	6	MC43L●	QOB/QOB-VH	750	79.75/2027	14.50/369	6.50/165
			3	MC43L3●		375	54.25/1379		
120/208 V 3Ø4W	120/208 V 1Ø3W	125A 5-Jaw	6	MC54L●		750	79.75/2027		
			3	MC54L3●		375	54.25/1379		
120/208 V 3Ø4W	120/208 V 3Ø4W	100A 7-Jaw	4	MC74LB	QDM/QBM (100A)	400	79.75/2027		

200A Meter Stacks▲

Main Service Voltage	Sub-Service Voltage	Meter Socket Rating and No. of Jaws	No. of Sub-Services	Catalogue Number	Circuit Breaker Type	Vertical Bus Bar Rating (Amp)	Overall Dimensions (in./mm)		
							H	W	D
120/240 V 1Ø3W	120/240 V 1Ø3W	200A 4-Jaw	3	MC43L200B	QDM/QGM (200A)	600	79.75/2027	14.50/369	6.50/165
120/208 V 3Ø4W	120/208 V 1Ø3W	200A 5-Jaw		MC54L200B					
	120/208 V 3Ø4W	200A 7-Jaw		MC74L200B					
120/240V 1Ø3W	120/240 V 1Ø3W	200A 4-Jaw	1	MC4200B		200	54.25/1379		
120/208 V 3Ø4W	120/208 V 1Ø3W	200A 5-Jaw		MC5200B					
	120/208 V 3Ø4W	200A 7-Jaw		MC7200B					

125/200A Combined Meter Stacks▲●

Main Service Voltage	Sub-Service Voltage	Meter Socket Rating and No. of Jaws	No. of Sub-Services	Catalogue Number	Circuit Breaker Type	Vertical Bus Bar Rating (Amp)	Overall Dimensions (in./mm)		
							H	W	D
120/240V 1Ø3W	120/240 V 1Ø3W	(4) 125A 4-Jaw (1) 200A 4-Jaw	5	MC443LB●	QOB/QOB-VH QDM/QGM	700	79.75/2027	14.50/369	6.50/165
120/208 V 3Ø4W	120/208 V 103W/3Ø4W	(4) 125A 5-Jaw (1) 200A 7-Jaw	5	MC574LB●	QOB/QOB-VH QDM/QGM	700			

▲Sub-service breakers are not to exceed meter socket rating.

●Must use 22kA breaker for applications 70A or less.

- 100/200 and combined stacks can be mounted side by side. 4/5 Jaw and 7 Jaw sockets require 2 and 3 pole sub-service breakers respectively. See Breaker Selection Table (Page DE4-4).
- All 100A 5-Jaw stacks have the fifth Jaw in the 9 o’clock position. Provision is made for conversion to the 6 o’clock position.
- 200A 5-Jaw stacks have provision to accept both 6 and 9 o’clock 5-Jaw meters.
- Short circuit calculations should be completed prior to ordering to ensure that the equipment is not applied on systems with capacity greater than the equipment's interrupting capabilities.
- Dimensions are approximate. Do not use for construction.

Sub-Service Breakers and Tap Boxes

Sub-Service Circuit Breaker Selection Chart for 4- and 5-Jaw Meter Stacks

Ampere Ratings	125A Meter Stacks		200A Meter Stacks	
	QOB Circuit Breakers 10,000 AIC	QOB Circuit Breakers 22,000 AIC	QD Circuit Breakers 25,000 AIC	QG Circuit Breakers 65,000 AIC
	2-pole 120/240 VAC	2-pole 120/240 VAC	2-pole 240 VAC	2-pole 240 VAC
	Catalogue Number	Catalogue Number	Catalogue Number	Catalogue Number
50	X	QOB250VH	X	X
60	X	QOB260VH	X	X
70	X	QOB270VH	X	X
80	QOB280	QOB280VH	X	X
90	QOB290	QOB290VH	X	X
100	QOB2100	QOB2100VH	QDM22100TN	QGM22100TN
125	QOB2125	QOB2125VH	QDM22125TN	QGM22125TN
150	X	X	QDM22150TN	QGM22150TN
175	X	X	QDM22175TN	QGM22175TN
200	X	X	QDM22200TN	QGM22200TN

Sub-Service Circuit Breaker Selection Chart for 7-Jaw Meter Stacks

Ampere Ratings	100A Meter Stacks		200A Meter Stacks	
	QBM Circuit Breakers 10,000 AIC	QDM Circuit Breakers 25,000 AIC	QD Circuit Breakers 25,000 AIC	QG Circuit Breakers 65,000 AIC
	3-pole 120/240 VAC	3-pole 120/240 VAC	3-pole 240 VAC	3-pole 240 VAC
	Catalogue Number	Catalogue Number	Catalogue Number	Catalogue Number
-	X	X	X	X
-	X	X	X	X
70	QBM32070TN	QDM32070TN	X	X
-	X	X	X	X
-	X	X	X	X
100	QBM32100TN	QDM32100TN	QDM32100TN	QGM32100TN
125	X	X	QDM32125TN	QGM32125TN
150	X	X	QDM32150TN	QGM32150TN
175	X	X	QDM32175TN	QGM32175TN
200	X	X	QDM32200TN	QGM32200TN

Main Tap Boxes▲

Main Bus Rating (Amp.)	Main Service	Catalogue Number	Lug Size and Quantity Per Phase and Neutral (Cu/Al)	Overall Dimensions (in./mm)		
				H	W	D
200	1Ø3W▲	MCTB2003L	(1) #6 - 300 MCM	18.00/458	14.00/356	7.90/200
600		MCTB6003L	(1) 1/0 - 750 MCM and (1) 1/0 - 600 MCM or (4) 1/0 - 250 MCM		15.00/381	
1200		MCTB12003L	(3) #4 - 750 MCM or (4) #4 - 600 MCM	19.00/483	23.00/585	9.50/241

▲Order (1) 4th Wire Connector Kit below per tap box for 3 Phase applications.

- Suitable for use as a sub-feed device or branch top box provided that the total loading on the system does not exceed 80% of the main circuit breaker or fusible disconnect.
- Suitable for top and bottom entry only.

Main Tap Box 4th Wire Connector Kits◆

Main Bus Rating (Amp.)	Main Service	Catalogue Number
200	3Ø4W	MCTBK200
600		MCTBK600
1200		MCTBK1200

◆4th Wire Kit contains (1) Bus Link and Lug for 3 Phase applications.

- Dimensions are approximate only. Do not use for construction.

Feed-Thru Tap Boxes

Main Bus Rating (Amp.)	Main Service	Catalogue Number▲	Lug Size and Quantity Per Phase and Neutral (Cu/Al)	Overall Dimensions (in./mm)		
				H	W	D
600	1Ø3W or 3Ø4W	MCFTB6004L	(3) #4 - 750 MCM or (4) #4 - 600 MCM or (8) #4 - 250 MCM	19.00/483	23.00/585	9.50/241
1200	1Ø3W or 3Ø4W	MCFTB12004LLH	(4) #4 - 750 MCM or (8) #4 - 600 MCM	46.00/1169	29.00/737	10.50/267
		MCFTB12004LLN✶			22.5	
		MCFTB12004LRH	(4) #4 - 750 MCM or (8) #4 - 600 MCM		29.00/737	
		MCFTB12004LRN✶			22.5	

▲ Last two letters of Catalogue Number denote left-hand (LH) or right-hand (RH) connection to meter stack assembly. Feed-Thru Tap Boxes are required in place of Main Tap Boxes when the main service cables must enter and branch off at the same end of the meter centre assembly.

✶ Last two letters of catalogue number denote left-hand narrow (LN) or right-hand narrow (RN).

• Suitable for top and bottom entry only.

Right Angle Main Tap Boxes

Main Bus Rating (Amp.)	Main Service	Catalogue Number	Lug Size and Quantity Per Phase and Neutral (Cu/Al)	Overall Dimensions (in./mm)		
				H	W	D
600	1Ø3W or 3Ø4W	MCTB600RA	(1) 1/0 - 750 MCM or (2) 1/0 - 500 MCM or (4) 1/0 - 250 MCM	18.00/457	18.00/457	7.90/200

Main Bus Link Connector Kits

Main Bus Rating (Amp.)	Main Service	Catalogue Number◆	Standard Packaging Quantity
400	1Ø3W or 3Ø4W	MCMBK400	60
600	1Ø3W or 3Ø4W	MCMBK600	30

◆ Main Bus Link Connectors are required for each additional stack when joining two or more meter stacks. The first stack or single stack installa tion does not require bus links since the tap box is supplied with main service lugs and bus bar link connectors. Order (1) MCMBK400 per phase for 400A applications, (2) MCMBK400 or (1) MCMBK600 per phase for 600A applications, (2) MCMBK400 for 800A applications and (2) MCMBK600 per phase for 1200 A applications.

Formula: No. of bars required = (No. of stacks - 1) x system wiring* x No. of bars per phase (*system wiring = 3 for 1Ø3W applications or 4 for 3Ø4W applications)

Examples: 2 Meter Stacks in a 1Ø3W 400A application will require (3) MCMBK400.
4 Meter Stacks in a 3Ø4W 600A application will require (24) MCMBK400 or (12) MCMBK600.
7 Meter Stacks in a 3Ø4W 1200A application will require (48) MCMBK600.

Inside Elbow Sections

Main Bus Rating (Amp.)	Number of Phases	Catalogue Number	Overall Dimensions (in./mm)		
			H	W+W	D
400-600A	1Ø and 3Ø	MCIE6004L	18.00/457	10.00/254 + 10.00/254	6.40/162
800-1200A	1Ø and 3Ø	MCIE12004L			

Outside Elbow Sections

Main Bus Rating (Amp.)	Number of Phases	Catalogue Number	Overall Dimensions (in./mm)		
			H	W+W	D
400-600A	1Ø and 3Ø	MCOE6004L	18.00/457	6.40/162 + 6.40/162	6.40/162
800-1200A	1Ø and 3Ø	MCOE12004L			

Note: Inside and outside sections permit customized installation of meter stack assemblies around wall corners to suit individual requirements. For installation between adjacent meter stacks only. Cannot be installed between tapbox and a meter stack.

Bonding Bar Kit

Catalogue Number MCBBK

Bonding Bar kit is required when connecting 5 or more individual enclosures together. Order 1 kit for each meter stack and Branch Tap Box. Example: 1 Main Tap Box joined to 4 meter stacks require 4 Bonding Bar Kits.

• Dimensions are approximate only. Do not use for construction.

Accessories

Mounting Rail

Catalogue Number MCMR

Mounting Rail (MCMR) features “hook and hang” positioning on a separate mounting channel when installing multiple meter stacks. The mounting channel is secured to the wall to suit local Utility meter height requirements, then the devices are hung on the channel. This provides a positive means of support during installation. Each mounting rail is 50 3/4 inches in length and can accommodate up to 3 meter stacks. Order quantity as required based on total width of meterstack line up.

Cover Plates▲

Description	Used On	Catalogue Number (Series A)	Catalogue Number (Series B)
125 Amp 4-5 Jaw meter socket and breaker cover used to cover meter and breaker section.	MC43L MC43L3 MC54L3 MC54L	MCBC1004 (QOB)	
100 Amp 7 Jaw meter socket and breaker cover used to cover meter and breaker section.	MC74LB	MCBC1007 (QOB)	
200 Amp 4-5-7 Jaw meter socket and breaker cover used to cover meter and breaker section 1 piece construction. Breaker is mounted in vertical position	MC43L200 MC54L200 MC74L200 MC4200 MC5200 MC7200	MCBC200 (KD)	
200 Amp 4-5-7 Jaw Series B meter socket and breaker cover used to cover meter and breaker section	MC43L200B MC54L200B MC74L200B MC4200B MC5200B MC7200B		MCBC200B (QD)

▲ Replacement meter/breaker cover for Series A 125/200A combined stacks will depend on the particular sub-service. Order covers based on amperage and number of jaws from table.

Blanking Plates

Description	Used On	Catalogue Number (Series A)	Catalogue Number (Series B)
125 Amp 4-5 Jaw Blanking plate for meter and breaker section 1 piece construction.	MC43L MC43L3 MC54L MC54L3	MCBC1	MCBC1
100 Amp 7 Jaw Blanking plate for meter and breaker section 1 piece construction.	MC74LB	MCBC2	MCBC2
200 Amp 4-5-7 Jaw Blanking plate for meter and breaker section 1 piece construction.	MC43L200B MC54L200B MC74L200B MC4200B MC5200B MC7200B	MCBC3	MCBC3

Accessories

Description	Catalogue Number
Blank Cover Plate Plastic (meter socket opening cover)	MCSOC
Sealing Ring	MCSR

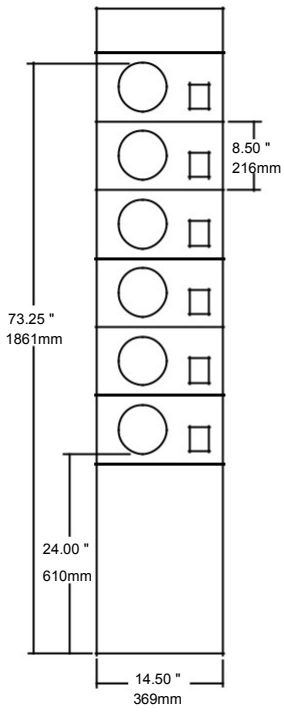
Jumper Bar Kit◆

Description	Catalogue Number
4 Jaw 200A Maximum	MCJB4
5 Jaw 200A Maximum	MCJB5
7 Jaw 200A Maximum	MCJB7

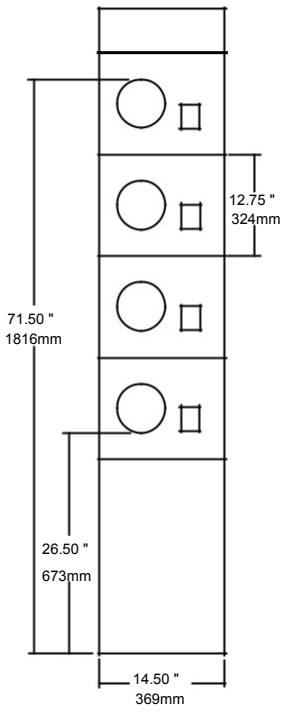
◆Jumper Bar Kit is used to jumper a metering position when a meter has been removed and power is required. Order one kit per sub-service.

Replacement Meter Sockets

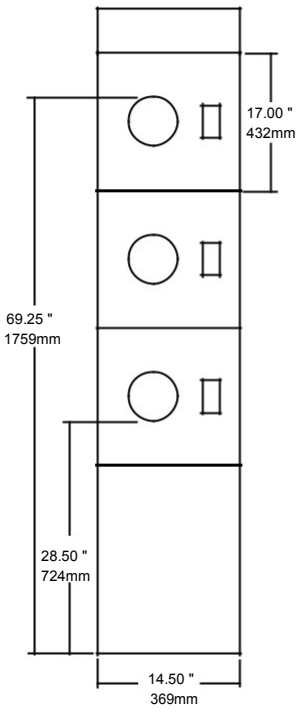
Description	Catalogue Number
4-Jaw 125A Socket	100MC4
5-Jaw 125A Socket	100MC5
7-Jaw 100A Socket	100MC7
4-Jaw 200A Socket	200MC4
5-Jaw 200A Socket	200MC5
7-Jaw 200A Socket	200MC7



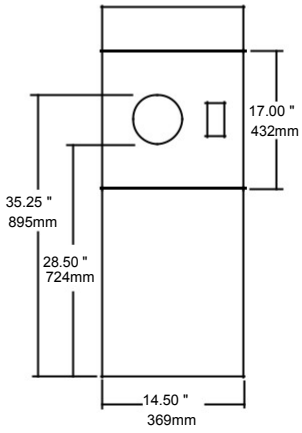
125A- - 4 & 5 Jaw



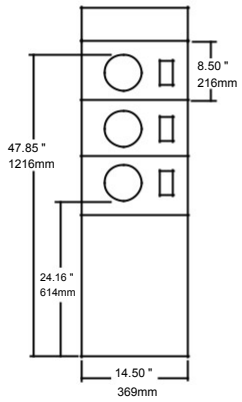
100A - 7 Jaw



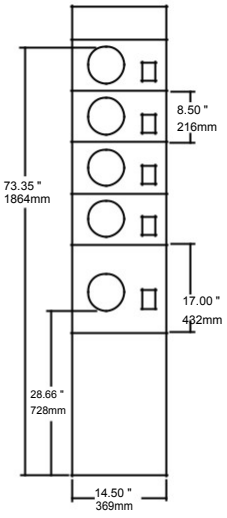
200A - 4, 5 & 7 Jaw



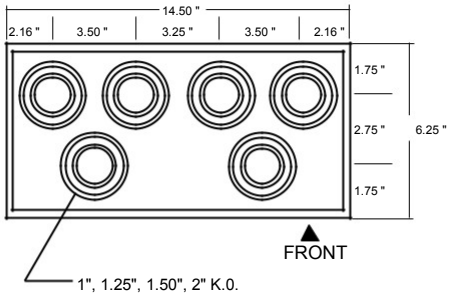
200A - 4, 5 & 7 Jaw



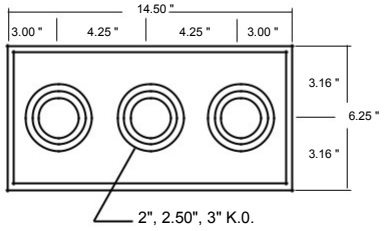
125A - 4 & 5 Jaw
MC43L3 & MC54L3



125/200A
Combined Stacks
MC574LB- & **MC** 443LB-



Endwall Details
Assembled On: 4, 5 & 7 Jaw 100/125A Stacks



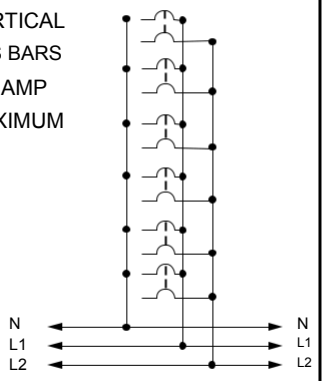
Endwall Details
Assembled On: 4, 5, 7 Jaw 200A
& 125/200A Combined Stacks

- Dimensions are approximate only. Do not use for construction.

MC43L

1 3 Wire 240 VAC Maximum
Sub-Service Circuit Breaker Type QOB 120/240 VAC
Suitable For CU-AL Conductors
Load Terminals #12 — 2/0 AWG
NMSC Ground Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

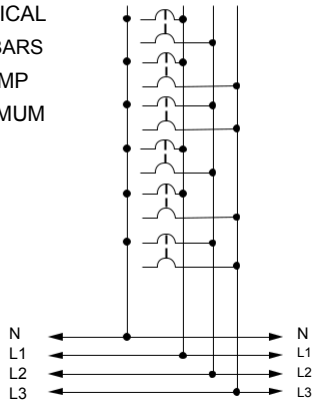
VERTICAL BUS BARS 750 AMP MAXIMUM



MC54L

3 4 Wire 240 VAC Maximum
Sub-Service Circuit Breaker Type QOB 120/240 VAC
Suitable For CU-AL Conductors
Load Terminals #12 — 2/0 AWG
NMSC Ground Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

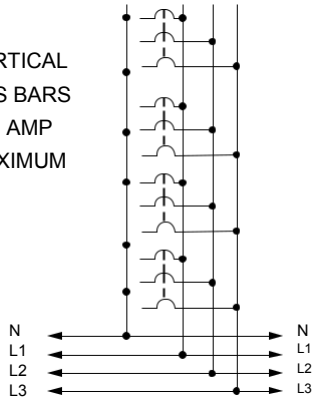
VERTICAL BUS BARS 750 AMP MAXIMUM



MC74LB

3 4 Wire 240 VAC Maximum
Sub-Service Circuit Breaker 100 Amp Maximum Type QD/QB 3P 240 VAC
Suitable For CU-AL Conductors
Load Terminals #12 — 1/0 AWG
NMSC Ground Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

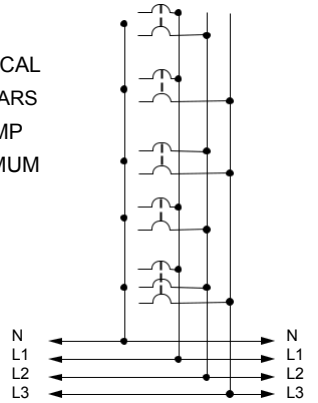
VERTICAL BUS BARS 400 AMP MAXIMUM



MC574LB

Sub-Service Circuit Breaker (4) Type QOB 125A Max. 120/208 VAC (1) Type QD/QG 200A Max. 120/208 VAC
Suitable For CU-AL Conductors
Load Terminals (125A) #12 — 1/0 AWG (200A) #2 — 250 MCM
NMSC GROUND Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

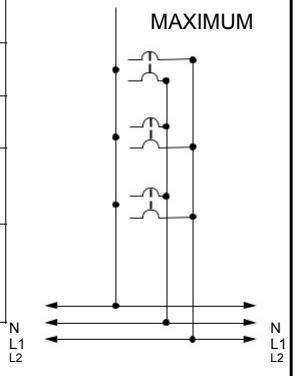
VERTICAL BUS BARS 700 AMP MAXIMUM



~~MC43L3~~

Sub-Service Circuit Breaker 125A Max. Type QOB 120/240 VAC
Suitable For CU-AL Conductors
Load Terminals #12 — 2/0 AWG
NMSC Ground Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

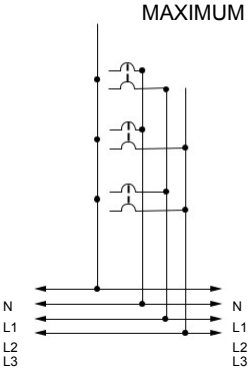
VERTICAL BUS BARS 375 AMP MAXIMUM



~~MC54L3~~

Sub-Service Circuit Breaker 125A Max. Type QOB 120/240 VAC
Suitable For CU-AL Conductors
Load Terminals #12 — 2/0 AWG
NMSC Ground Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

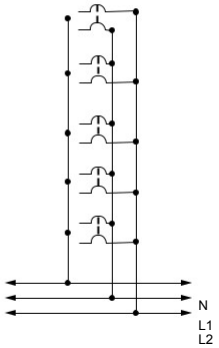
VERTICAL BUS BARS 375 AMP MAXIMUM



~~MC443LB~~

Sub-Service Circuit Breaker (4) Type QOB 125A Max. 120/240 VAC (1) Type QD/QG 200A Max. 120/240 VAC
Suitable For CU-AL Conductors
Load Terminals (125A) #12 — 2/0 AWG (200A) #2 — 250 MCM
NMSC Ground Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

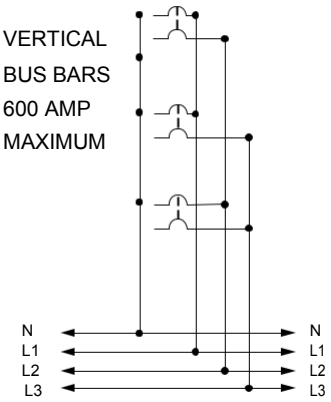
VERTICAL BUS BARS 700 AMP MAXIMUM



MC54L200B

3 4 Wire 240 VAC Maximum
Sub-Service Circuit Breaker 200 Amp Maximum Type QD/QG 2P 240 VAC
Suitable For CU-AL Conductors
Load Terminals #2 AWG — 250 MCM
NMSC Ground Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

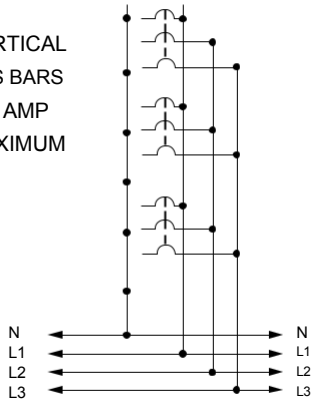
VERTICAL BUS BARS 600 AMP MAXIMUM



MC74L200B

3 4 Wire 240 VAC Maximum
Sub-Service Circuit Breaker 200 Amp Maximum Type QD/QG 3P 240 VAC
Suitable For CU-AL Conductors
Load Terminals #2 AWG — 250 MCM
NMSC Ground Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

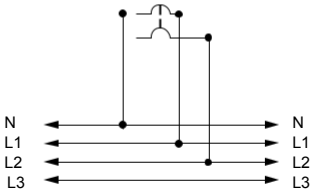
VERTICAL BUS BARS 600 AMP MAXIMUM



MC5200B

3 4 Wire 240 VAC Maximum
Sub-Service Circuit Breaker 200 Amp Maximum Type QD/QG 2P 240 VAC
Suitable For CU-AL Conductors
Load Terminals #2 AWG – 250 MCM
NMSC GROUND Terminals #14 – 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

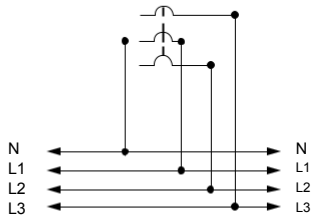
VERTICAL BUS BARS 200 AMP MAXIMUM



MC7200B

3 4 Wire 240 VAC Maximum
Sub-Service Circuit Breaker 200 Amp Maximum Type QD/QG 3P 240 VAC
Suitable For CU-AL Conductors
Load Terminals #2 AWG — 250 MCM
NMSC Ground Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

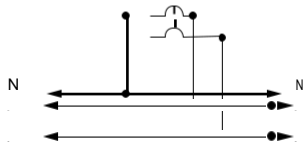
VERTICAL BUS BARS 200 AMP MAXIMUM



MC4200B

1 3 Wire 240 VAC Maximum
Sub-Service Circuit Breaker 200 Amp Maximum Type QD/QG 2P 240 VAC
Suitable For CU-AL Conductors
Load Terminals #2 AWG — 250 MCM
NMSC GROUND Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

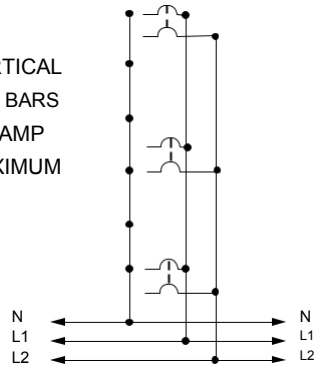
VERTICAL BUS BARS 200 AMP MAXIMUM



MC43L200B

1 3 Wire 240 VAC Maximum
Sub-Service Circuit Breaker 200 Amp Maximum Type QD/QG 2P 240 VAC
Suitable For CU-AL Conductors
Load Terminals #2 AWG — 250 MCM
NMSC Ground Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

VERTICAL BUS BARS 600 AMP MAXIMUM



Product Illustration/Features

Pages: • DE4-11 to DE4-16

Features:
- 400A to 1200A main bus capacity
- 125A, and 200A meter sockets with 7 Jaws
- Meter stacks rated at 600 V Max., three phase
- Up to 200A sub-service capacity
- 3-pole sub-service circuit breakers
- Left-hand or right-hand entry available on all meter stacks
- Provision for top and/or bottom exiting of sub-service load wiring from all meter stacks
- CSA Type A “cold metering”
- “Hook and Hang” provision/mounting rail
- Painted to an ASA49 grey finish

Meter Stacks

Square D 600v Meter Centres are designed to provide a compact and versatile metering and distribution centre to suit today's commercial and industrial markets. 600v Meter Centres feature a 4-high125A 7-jaw me-ter stack, plus a 1-high and 4-high 200A 7-jaw meter stacks. No other metering system provides the same advantages of installation conve-nience and subsequent time-saving economy.

All metering stacks are shipped from the factory with meter sockets and vertical bus bars pre-installed, and require a minimum of on site labour to install the circuit breakers and main bus links.

At the site, the contractor has only to bolt the individual enclosures together, install the required 3-pole circuit breakers, connect the main bus links together, and connect the individual distribution cables to their re-spective sub-service locations.

Screw-on, sealable covers over the meter sockets and circuit breakers are finished with a grey epoxy powder coating. Provision to lock and seal the circuit breaker handles in the “off” position has been made for the convenience of utilities and electrical inspectors.

3-pole Powerpact H-frame circuit breakers are required for the 125A, 7-jaw sub-service sections and are available from 60A-125A. 3-pole Pow-erpact J-frame Circuit breakers are required for 200A 7-jaw stacks and are available at 150A, 175A and 200A.

One load side nut kit #S37444 is required with each H-frame sub-service circuit breaker. Two line & load nut-kits #S37445 are required with each J-frame sub-service circuit breaker.

All meter stacks are designed for CSA Type A “cold metering” in which the individual sub-service breakers are connected on the line side of the meter sockets thereby protecting the meter and all electrical equipment installed subsequent to it.

These features produce a top quality Meter Centre that will provide dependable service well into the future.

Meter Stacks Available with 125 and 200A Sub-Service Capacity

125A Meter Stacks▲

Main Service Voltage	Sub-Service Voltage	Meter Socket Rating and No. of Jaws	No. of Sub-Services	Catalogue Number	Circuit Breaker Type	Vertical Bus Bar Rating (Amp)	Overall Dimensions (in./mm)		
							H	W	D
347/600 V 3Ø4W	347/600 V 3Ø4W	125A 7-Jaw	4	MC34126	H-Frame (125A)	500	79.62/2022	15.33/389	6.50/165

200A Meter Stacks▲

Main Service Voltage	Sub-Service Voltage	Meter Socket Rating and No. of Jaws	No. of Sub-Services	Catalogue Number	Circuit Breaker Type	Vertical Bus Bar Rating (Amp)	Overall Dimensions (in./mm)		
							H	W	D
347/600 V 3Ø4W	347/600 V 3Ø4W	200A 7-Jaw	4	MC34206	J-Frame (200A)	800	79.62/2022	15.33/389	6.50/165
347/600 V 3Ø4W	347/600 V 3Ø4W	200A 7-Jaw	1	MC31206		200	41.38/1051		

▲Sub-service breakers are not to exceed meter socket rating.

- See Breaker Selection Table (Page DE4-14).
- Short circuit calculations should be completed prior to ordering to ensure that the equipment is not applied on systems with capacity greater than the equipment's interrupting capabilities.
- Dimensions are approximate. Do not use for construction.

Sub-Service Breakers and Tap Boxes

Sub-Service Circuit Breaker Selection Chart for 7-Jaw 600V Meter Stacks

Amperage Rating	125A 600V Meter stacks				200A 600V Meter stacks			
	H Frame Powerpact Circuit Breakers	H Frame Powerpact Circuit Breakers	H Frame Powerpact Circuit Breakers	H Frame Powerpact Circuit Breakers	J Frame Powerpact Circuit Breakers	J Frame Powerpact Circuit Breakers	J Frame Powerpact Circuit Breakers	J Frame Powerpact Circuit Breakers
	14,000 AIC	18,000 AIC	25,000 AIC	50,000 AIC	14,000 AIC	18,000 AIC	25,000 AIC	50,000 AIC
	3-pole 600/ 347VAC	3-pole 600/ 347VAC	3-pole 600/ 347VAC	3-pole 600/ 347VAC	3-pole 600/ 347VAC	3-pole 600/ 347VAC	3-pole 600/ 347VAC	3-pole 600/ 347VAC
30A	HDL36030	HGL36030	HJL36030	HLL36030				
60A	HDL36060	HGL36060	HJL36060	HLL36060				
70A	HDL36070	HGL36070	HJL36070	HLL36070				
100A	HDL36100	HGL36100	HJL36100	HLL36100				
125A	HDL36125	HGL36125	HJL36125	HLL36125				
150A					JDL36150	JGL36150	JJL36150	JLL36150
175A					JDL36175	JGL36175	JJL36175	JLL36175
200A					JDL36200	JGL36200	JJL36200	JLL36200

* for 125A 600V, must order one load side nut kit # S37444 with each H frame MCCB.

* for 200A 600V, must order two of nut kit # S37445, one for line side and one for the load side with each J frame MCCB.

Breaker Nut Kit Installation

One nut kit required for 125A, two nut kits required for 200A MCCB installation.

Step 1:
Prepare to insert nut kit on load side

Step 2:
Insert flat head screwdriver into slot

Step 3:
Remove lug assembly from each pole position

Step 4:
Begin to insert nut kit into each pole position

Step 5:
Fully insert the nut kits and prepare to install MCCB

Step 6:
Complete installation of Main Tenant breaker

Main Tap Boxes

Main Bus Rating (Amp.)	Main Service	Catalogue Number	Lug Size and Quantity Per Phase and Neutral (Cu/Al)	Overall Dimensions (in./mm)		
				H	W	D
600	3Ø4W	MC6TB6004L	(1) 1/0 - 750 MCM and (1) 1/0 - 600 MCM or (4) 1/0 - 250 MCM	18.00/458	15.00/381	7.90/200
1200		MC6TB12004L	(3) #4-750 MCM or (4) #4-600 MCM or (8) #4-250 MCM	19/483	23/584	10.40/264

- Suitable for use as a sub-feed device or branch top box provided that the total loading on the system does not exceed 80% of the main circuit breaker or fusible disconnect.
- Suitable for top and bottom entry only.

Feed-Thru Tap Boxes

Main Bus Rating (Amp.)	Main Service	Catalogue Number	Lug Size and Quantity Per Phase and Neutral (Cu/Al)	Overall Dimensions (in./mm)		
				H	W	D
600	3Ø4W	MC6TB12004L	(3) #4 - 750 MCM or (4) #4 - 600 MCM or (8) #4 - 250 MCM	19.00/483	23.00/585	10/254
1200	3Ø4W	MC6TB1200 & two of Kit # 61200FTK	(4) #4 - 750 MCM or (8) #4 - 600 MCM	52/1320	22.25/565	10.50/267

- Suitable for top and bottom entry only.
- MC6TB1200 does not include factory installed lugs.

Main Bus Link Connector Kits

Main Bus Rating (Amp.)	Main Service	Catalogue Number◆	Standard Packaging Quantity
400	3Ø4W	MC6MBK400	60
600	3Ø4W	MC6MBK600	30

◆ Main Bus Link Connectors are required for each additional stack when joining two or more meter stacks. The first stack or single stack installation does not require bus links since the tap box is supplied with main service lugs and bus bar link connectors. Order (1) MC6MBK400 per phase for 400A applications, (2) MC6MBK400 or (1) MC6MBK600 per phase for 600A applications, (2) MC6MBK400 per phase for 800A applications and (2) MC6MBK600 per phase for 1200 A applications.

Formula: No. of bars required = (No. of stacks - 1) x system wiring* x No. of bars per phase (*system wiring = 3 for 1Ø3W applications or 4 for 3Ø4W applications)

Examples: 4 Meter Stacks in a 3Ø4W 600A application will require (24) MC6MBK400 or (12) MC6MBK600.
7 Meter Stacks in a 3Ø4W 1200A application will require (48) MC6MBK600.

Inside Elbow Sections

Main Bus Rating (Amp.)	Number of Phases	Catalogue Number	Overall Dimensions (in./mm)		
			H	W+W	D
400-600A	3Ø	MC6IE600	18.00/457	10.00/254 + 10.00/254	6.40/162
800-1200A	3Ø	MC6IE1200			

Outside Elbow Sections

Main Bus Rating (Amp.)	Number of Phases	Catalogue Number	Overall Dimensions (in./mm)		
			H	W+W	D
400-600A	3Ø	MC6OE600	18.00/457	6.40/162 + 6.40/162	6.40/162
800-1200A	3Ø	MC6OE1200			

Note: Inside and outside sections permit customized installation of meter stack assemblies around wall corners to suit individual requirements. For installation between adjacent meter stacks only. Cannot be installed between a tap box and a meter stack.

Bonding Bar Kit

Catalogue Number MC6BBK

Bonding Bar kit is required when connecting 5 or more individual enclosures together. Order 1 kit for each meter stack and Branch Tap Box.
Example: 1 Main Tap Box joined to 4 meter stacks require 4 Bonding Bar Kits.

- Dimensions are approximate only. Do not use for construction.

Accesories

Mounting Rail

Catalogue Number MCMR

Mounting Rail (MCMR) features “hook and hang” positioning on a separate mounting channel when installing multiple meter stacks. The mounting channel is secured to the wall to suit local Utility meter height requirements, then the devices are hung on the channel. This provides a positive means of support during installation. Each mounting rail is 50 3/4 inches in length and can accommodate up to 3 meter stacks. Order quantity as required based on total width of meterstack line up.

Cover Plates

Description	Used On	Catalogue Number
125/200 Amp 7 Jaw meter socket and breaker cover used to cover meter and breaker section 1 piece construction. Breaker is mounted in vertical position	MC31206 MC34126 MC34206	MCBSC6

Blanking Plates

Description	Used On	Catalogue Number
125/200 Amp 7 Jaw Blanking plate for unused meter and breaker section 1 piece construction.	MC31206 MC34206 MC34126	MCBP6

Accessories

Description	Catalogue Number
Blank Cover Plate Plastic (meter socket opening cover)	MCSOC
Sealing Ring	MCSR

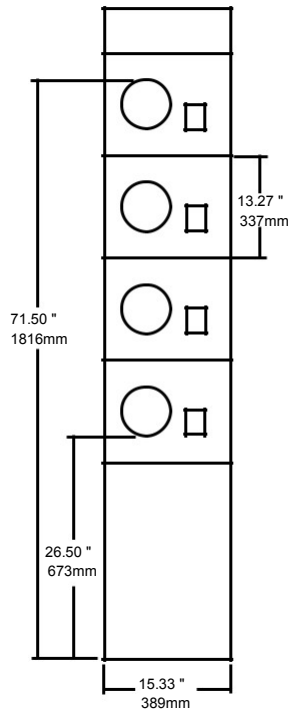
Jumper Bar Kit◆

Description	Catalogue Number
7 Jaw 200A Maximum	MCJB7

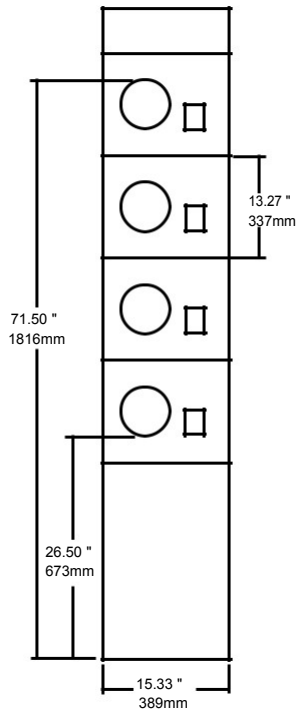
◆Jumper Bar Kit is used to jumper a metering position when a meter has been removed and power is required. Order one kit per sub-service.

Replacement Meter Sockets

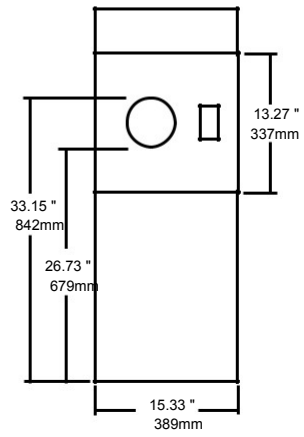
Description	Catalogue Number
7-Jaw 200A Socket	2006MC7



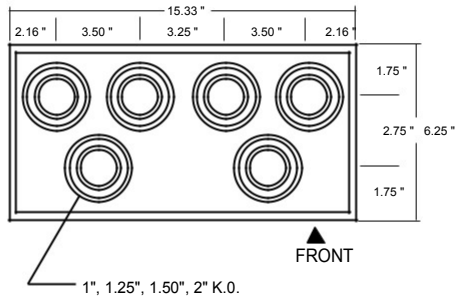
125A - 7 Jaw



200A - 7 Jaw



200A - 7 Jaw



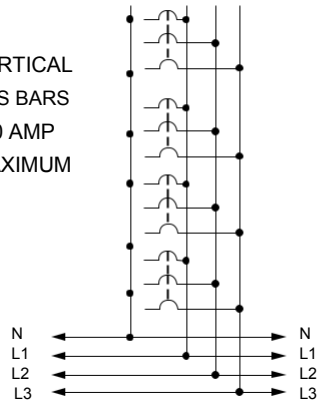
Endwall Details
Assembled On: 7 Jaw 125/200A Stacks

- Dimensions are approximate only. Do not use for construction.

MC34126

3 4 Wire 600 VAC Maximum
Sub-Service Circuit Breaker 125 Amp Maximum Type H Frame 600Vac
Suitable For CU-AL Conductors
Load Terminals #12 — 1/0 AWG
NMSC Ground Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

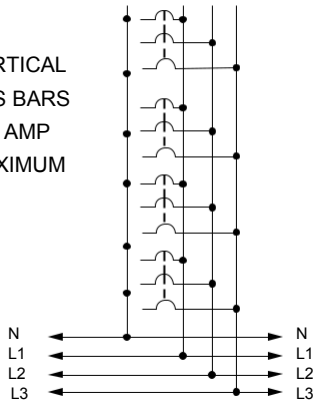
VERTICAL
BUS BARS
500 AMP
MAXIMUM



MC34206

3 4 Wire 600 VAC Maximum
Sub-Service Circuit Breaker 200 Amp Maximum Type J Frame 600Vac
Suitable For CU-AL Conductors
Load Terminals #2 AWG — 250 MCM
NMSC Ground Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

VERTICAL
BUS BARS
800 AMP
MAXIMUM



MC31206

3 4 Wire 600 VAC Maximum
Sub-Service Circuit Breaker 200 Amp Maximum Type J Frame 600Vac
Suitable For CU-AL Conductors
Load Terminals #2 AWG — 250 MCM
NMSC Ground Terminals #14 — 4 AWG
Ground Terminal May Be Moved to Bottom of Stack If Required

VERTICAL
BUS BARS
200 AMP
MAXIMUM