

Section 5

Switchboards

Power-Style™ Commercial Multi-Metering (CMM) Switchboards

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Speed-D™ Switchboards

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Power-Style™ Commercial Multi-Metering Switchboard Lineup



EUSERC UCT,
Single Main Circuit Breaker
with I-Line Distribution Panel



EUSERC UCT,
Fusible Multiple Mains

Speed-D™ Switchboards

Meter Sockets, Covers, Hardware Kits

Meter socket kits include meter socket (ringless type or ring type—see tables below) and instruction bulletin. The connection cables from the line bus to the meter socket and from the meter socket to the tenant main disconnect are not included. These should be provided by the contractor.

Table 5.1: EUSERC Meter Socket with Test Block Kit (Ring Type; Class 2756)

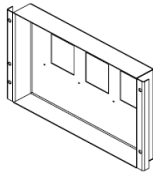
Voltage System	Poles	Description	Catalog No.	
			Single-Phase	3-Phase
120/240 V, 208Y/120 V, or 240/120 V Delta	AB	Old design: plug on to line side bus	CM522ABE	—
	AC		CM522ACE	—
	BC		CM522BCE	—
208Y/120 V, 240/120 V Delta, or 480Y/277 V	ABC	New design: lugs on line side	CMLL522E	—
		Old design: plug on to line side bus	—	CM732E
		New design: lugs on line side	—	CMLL732E

Table 5.2: Lever Bypass Meter Socket (Ringless Type; Class 2755)

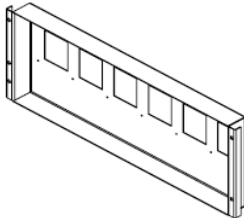
Voltage System	Poles	Description	Catalog No.	
			Single-Phase	3-Phase
480Y/277 V	ABC	Old design: plug on to line side bus	—	8024878850
		New design: lugs on line side	—	CMLL732

Table 5.3: Cover and Hardware Kits

Description	Tenant Main Structure	Catalog No.
CMM Circuit Breaker Cover Kit [1]		
Allows PowerPact™ H, J, and Q circuit breakers to be installed in legacy design CMM structures.	3-Socket	CM3BKRCVR
	6-Socket	CM6BKRCVR
CMM Meter Cover Kit for EUSERC Applications		
Includes meter cover, test block cover, and hardware.	3-Socket	CM7CR20ER
	6-Socket	CM7CR32ER
CMM Meter Cover Kit for Lever Bypass Applications		
Meter socket cover		CM7CR20R [2]
Blank cover		CM20BLK [2]
CMM Universal Hardware Kit		
Required to add any tenant main disconnect.		CMUHWKIT



CM3BKRCVR



CM6BKRCVR

For additional information or for custom applications, please contact your local Schneider Electric representative. Or, visit us on the web at www.schneider-electric.us.

[1] A new circuit breaker cover is required when adding a PowerPact Q, H, or J circuit breaker to a legacy design tenant metering structure. The new cover has larger openings to accommodate the padlock attachment for these circuit breakers.

[2] Order point: PDS.

Class 2755, 2756 / Refer to Catalog 2755CT9501,2756CT9601

Tenant Main Disconnects

Table 5.4: Circuit Breakers

Ampacity	Catalog No.	SCCR		Load Lug Information
		240 V	480 V	
100 A F-frame Circuit Breaker				
60 A	FAL34060	25 kA	18 kA	#12 - 1/0 AWG Al or Cu
70–100 A	FAL34xxx [3]			
60 A	FHL36060	65 kA	25 kA	
70–100 A	FHL36xxx [3]			
Padlock Attachment	HPAFK	—	—	—
PowerPact™ Q-frame 250 A Circuit Breaker (240 Vac) [4] [5]				
110–200 A	QDL32xxx [6]	25 kA	N/A	#4 - 300 kcmil Al or Cu
110–200 A	QGL32xxx [6]	65 kA	N/A	
110–200 A	QJL32xxx [6]	100 kA	N/A	
Padlock Attachment	QBPAF	—	—	—
PowerPact H-frame 150 A Circuit Breaker (600 Vac, 250 Vdc)				
60 A	HDL36060	25 kA	18 kA	#4 - 3/0 kcmil Al or Cu
70–100 A	HDL36xxx [7]			
110–150 A	HDL36xxx [7]			
60 A	HGL36060	65 kA	35 kA	
70–100 A	HGL36xxx [7]			
110–150 A	HGL36xxx [7]			
60 A	HJL36060	100 kA	65 kA	
70–100 A	HJL36xxx [7]			
110–150 A	HJL36xxx [7]			
60 A	HLL36060	100 kA	100 kA	
70–100 A	HLL36xxx [7]			
110–150 A	HLL36xxx [7]			
Padlock Attachment	S37422	—	—	—
PowerPact J-frame 250 A Circuit Breaker (600 Vac, 250 Vdc)				
175–200 A	JDL36xxx [8]	25 kA	18 kA	#4 - 300 kcmil Al or Cu
175–200 A	JGL36xxx [8]	65 kA	35 kA	
175–200 A	JLL36xxx [8]	100 kA	65 kA	
175–200 A	JLL36xxx [8]	100 kA	100 kA	
Padlock Attachment	S37422	—	—	—

Class T Fusible Pullouts, CMM Pullout Heads

Table 5.5: Class T Fusible Pullouts (Universal Hardware Kit CMUHWKIT Required)

Ampacity	Catalog No. [9]	SCCR		Wire Size Al or Cu
		240 V [10]	480 V	
100 A	FTL3100	100 kA	N/A	#14 - 1/0 AWG
200 A	FTL3200	100 kA	N/A	#4 - 250 kcmil
60 A	FTL43060	N/A	100 kA	#14 - #2
100 A	FTL43100	N/A	100 kA	#14 - 1/0 AWG
200 A	FTL43200	N/A	100 kA	1/0 AWG - 300 kcmil

Table 5.6: CMM Pullout Heads

Mains			Pullout Head (No Base) Catalog No. [11]
Voltage System	Rating (A)	Poles	
1Ø3W 120/240 V 3Ø4W 240/120 V Delta 3Ø4W 208Y/120 V	100	3	4050707050 [12]
	200	3	4050705950 [12]
3Ø4W 480Y/277 V	60	3	—
	100	3	—
	200	3	—

[3] To complete the catalog number for these PowerPact F-frame circuit breakers, replace xxx with the required ampacity (070, 080, 090, or 100).
 [4] A shunt trip is not available on PowerPact Q-frame circuit breakers.
 [5] A new circuit breaker cover is required when adding a PowerPact Q-, H-, or J-frame circuit breaker to an old-design tenant metering structure. This new cover has larger openings to accommodate the padlock attachment for these circuit breakers. See Table 5.3 Cover and Hardware Kits, page 5-2 for ordering information.
 [6] To complete the catalog number for PowerPact Q-frame circuit breakers, replace xxx with the required ampacity (110, 125, 150, 175, or 200).
 [7] To complete the catalog number for PowerPact H-frame circuit breakers, replace xxx with the required ampacity (070, 080, 090, 100, 110, 125, or 150).
 [8] To complete the catalog number for PowerPact J-frame circuit breakers, replace xxx with the required ampacity (175 or 200).
 [9] Discount schedules: FTL3100 and FTL3200 = DE5; FTL43060, FTL43100, and FTL43200 = PE1A.
 [10] 240 V fusible pullouts cannot be used on a Lever Bypass CMM. Only 480 V pullouts can be used.
 [11] Discount schedule: DE5.
 [12] Order point: Lexington, KY.

Merchandised Speed-D Switchboards

Table 5.7: Subfeed Circuit Breakers ^[1] ^[2]

Description	Rating (A)	2-Pole ^[3]		3-Pole	
		Catalog No.		Catalog No.	
		Left	Right	Left	Right
Subfeed Circuit Breaker Kit — Price includes circuit breaker, connectors and mounting hardware. The complete kit, mounting hardware, circuit breaker and connectors will be shipped direct from plant.	100	SASFB100L()	SASFB100R()	SASFB100L	SASFB100R
	110	SASFB110L()	SASFB110R()	SASFB110L	SASFB110R
	125	SASFB125L()	SASFB100R()	SASFB125L	SASFB125R
	150	SASFB150L()	SASFB150R()	SASFB150L	SASFB150R
	175	SASFB175L()	SASFB175R()	SASFB175L	SASFB175R
	200	SASFB200L()	SASFB200R()	SASFB200L	SASFB200R
	225	SASFB225L()	SASFB225R()	SASFB225L	SASFB225R

^[1] Cannot use subfeed circuit breaker kit with multiple mains service section switchboards.

^[2] For use on all Speed-D switchboards except Series E4.

^[3] Two pole circuit breaker catalog numbers are completed by adding required phase connection letters as suffix (for example, SASFB100LAC).