

Commercial Meter Stack Modules (35MM, 37MM, 35SS and 37SS)



35MM, 37MM, 35SS and 37SS

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Commercial Meter Stacks—Tenant Main Circuit Breakers

Product Description

- Heavy-duty lever bypass socket design
- Single-phase or three-phase designs (35 = single-phase, 37 = three-phase)
- Provision for two-pole or three-pole main tenant breakers
- Phase balance kits are included with three-high and four-high modules

Features, Benefits and Functions

A. End Walls

The top cap is removable and does not contain knockouts, so contractors can position and punch holes where they need them. There are numerous KOs in the back and bottom for flexibility.

B. Ground Bars

The factory-installed equipment ground bars are provided in both the top and bottom gutters.

C. Meter Socket

The 5-jaw meter socket and 7-jaw meter socket includes a built-in manual bypass and jaw release. The ground wire is factory connected in both 35MM and 37MM modules.

D. Separate Wireway Cover

If work on the breakers or cables is necessary, it can be accomplished without disturbing the meters or meter covers, thanks to a separate cover that allows easy access to the module's main tenant breaker and wireway section. (Not shown.)

E. Barrier

A solid metal barrier separates the meter socket section from the tenant breaker in the wireway section. The unmetered vertical bus is enclosed to guard against power theft.

F. Neutral Assembly

Located in the wireway of each module, the assembly permits convenient termination of the neutral conductors.

G. Enclosed Horizontal Bus

Non-removable metal barrier encloses 1200 A horizontal bus when passing through the tenant breaker section for added security.

H. Tenant Breaker Range

All modules accept 15–225 A bolt-on breakers in various AIC ratings. The CHH_X breaker carries a UL listed series rating of 100,000 A, which allows you to use standard 10 kAIC breakers in downstream loadcenters and panelboards by Eaton.

I. Indoor/Outdoor Construction

Raintight caps, meter covers and lockable raintight tenant breaker covers make it convenient for you to use any of our modules on either NEMA 1 or NEMA 3R applications.

J. Mounting Rail

Rear mounting rail and wall hanger speed and simplify installation. (Mounting rail not shown.)

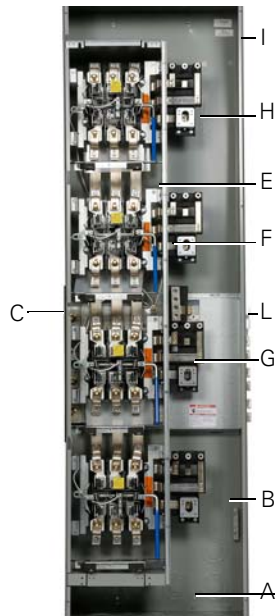
K. Nameplate and Ratings

The nameplate gives you full rating data: 208Y/120, three-phase, four-wire; 240/120, three-phase, four-wire delta (high leg on B-phase); and 240/120 single-phase. (Not shown.)

L. Mains and Modules

Slip together quickly, smoothly with front-accessible captive bolts securing the juncture without removing socket interiors or bus access plate. Main bus joint bolts torque to 25 foot pounds.

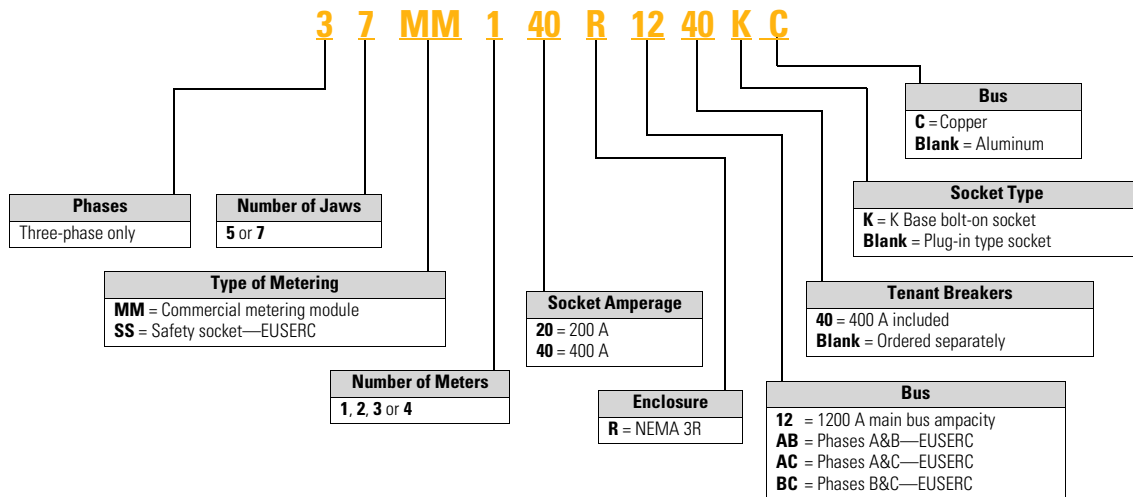
37MM Meter Stack Module



- Eaton's 35MM and 37MM modular metering stacks contain meter sockets with built-in manual bypass and jaw release (Non-EUSERC areas)
- Eaton's 35SS and 37SS stacks use meter sockets with test bypass feature (meets EUSERC electrical requirements)
- All commercial modular metering stacks contain four horizontal cross buses
- Mechanically and electrically built to bolt-up with main service modules and residential modular metering stacks

Catalog Number Selection

Commercial Meter Stack Modules



When Ordering:

- Determine catalog number of Main Service Module.
- Determine catalog number of Meter Stack (Residential or Commercial).
- Find quantity and catalog numbers for tenant circuit breakers (found on **Page V1-T4-128**). Order one breaker per socket.
- If any accessories are needed, order from **Pages V1-T4-139** and **V1-T4-140**.

Product Selection

35MM

- Each socket is a 5 terminal block with lever bypass and jaw release
- Ringless covers
- Provision for two-pole main tenant breakers (circuit breakers not included). For circuit breaker catalog numbers, refer to **Page V1-T4-128**
- Phase balancing kits are included with three-high and four-high modules. Each individual socket can be phase balanced in the field to the desired lines (A-B, B-C or A-C). Comes from factory as A-B
- Indoor/outdoor construction
- Main tenant feeders can exit top, bottom or back
- If being used in outdoor application and exiting the top, mount Myer type hubs on rainproof cap
- Short-circuit ratings up to 100 A rms symmetrical depending upon the kAIC rating of installed main tenant circuit breakers and main device
- Non-EUSERC areas

35MM—Single-Phase Commercial Meter Stack Modules (Three-Phase In, Single-Phase Out)

System Voltage	Ampere Rating Per Meter Socket	Number of Meter Sockets	Horizontal Bus Ampacity/ Material	Number of Jaws Per Meter Socket	Main Tenant Breaker Type (Page V1-T4-128) ①	Catalog Number
120/240 V, single-phase, three-wire systems and 208Y/120 V network metering (Not suitable for use on three-phase, four-wire delta systems)	225	1	1200 Al	5	Bolt-on type	35MM120R12
		1	1200 Cu	5	EHD2_X	35MM120R12C
		2	1200 Al	5	CCV2_X	35MM220R12
		2	1200 Cu	5	CCVH2_X	35MM220R12C
		3	1200 Al	5	CVS2_XMM	35MM320R12
		3	1200 Cu	5	CV2_XMM	35MM320R12C
		4	1200 Al	5	CVH2_XMM	35MM420R12
		4	1200 Cu	5		35MM420R12C
	400	1	1200 Al	5	400 A	35MM140R1240 ②
		1	1200 Cu	5	K-Frame included	35MM140R1240C ②
	400	1	1200 Al	5	400 A	35MM140HR1240 ③
		1	1200 Cu	5	K-Frame included	35MM140HR1240C ③
	400	2	1200 Al	5	400 A	35MM240R1240
		2	1200 Cu	5	K-Frame included	35MM240R1240C
	400 continuous	1	1200 Cu	5	400 A	35MM140R1240K
	400 continuous	1	1200 Cu	5	L-Frame included	35MM140R1240K
	400 continuous	1	1200 Cu	5	400 A	35MM140HR1240KC ④
	400 continuous	1	1200 Cu	5	L-Frame included	35MM140HR1240KC ④

Notes

- ① Retrofit tenant circuit breaker mounting kit (**37MMRCBK**) for installation of Type EHD and CV breakers. Needed only for stacks manufactured prior to February 2013. Order one kit per breaker.
- ② Unit is bottom exit only.
- ③ Rated at 100 kAIC.
- ④ Rated at 35 kAIC.