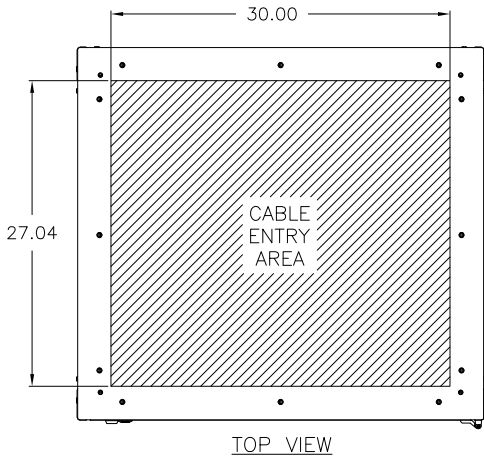
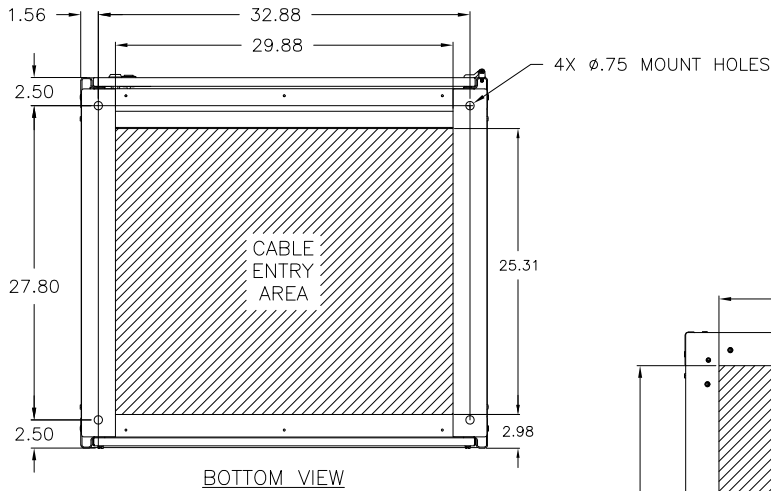


MODE	(UIB) REGULATOR INPUT	(MBB) BYPASS	(MIB) REGULATOR OUTPUT
NORMAL	ON	OFF	ON
OFF	OFF	OFF	OFF
BYPASS	OFF	ON	OFF

ENLARGED VIEW



TOP VIEW

THE MAINTENANCE BYPASS CIRCUIT BREAKER SYSTEM (MBCB) CONSISTS OF (3) CIRCUIT BREAKERS LABELED "UIB", "MBB", AND "MIB".

NORMAL MODE: THE INPUT CB (UIB) IS PLACED IN THE "ON" POSITION AND RECEIVES INCOMING POWER FROM THE UTILITY, AND TRANSFERS THAT POWER TO THE INPUT OF THE REGULATOR. THE OUTPUT CB "MIB" IS ALSO PLACED IN THE "ON" POSITION, AND RECEIVES THE REGUATED POWER AND TRANSFERS IT TO THE OUTPUT LOAD.

BYPASS MODE: FUNCTIONAL WHEN BOTH THE INPUT CB "UIB" AND OUTPUT CB "MIB" ARE BOTH "OFF", WHILE THE BYPASS CB "MBB" IS "ON". THIS MODE ALLOWS FOR INCOMING POWER TO GO DIRECTLY TO THE OUTPUT, THUS BYPASSING THE REGULATOR. THIS CB BYPASS SYSTEM PROVIDES (2) KIRK KEYS LABELED "E" (EXTENDED) AND "W" (WITHDRAWN) AND ARE LOCATED ADJACENT TO BOTH THE "MBB" BYPASS CB AND THE "MIB" OUTPUT CB. THE (E) EXTENDED POSITION PREVENTS ANY ACTION OF "ON" OR "OFF" OF A CB, WHILE THE "W" WITHDRAWN POSITION ALLOWS FOR "ON" OR "OFF" OF A CB.

OFF MODE: ALL BREAKERS ARE IN THE "OFF" POSITION RESULTING IN NO POWER FROM THE BYPASS SYSTEM OR TO THE REGULATOR.

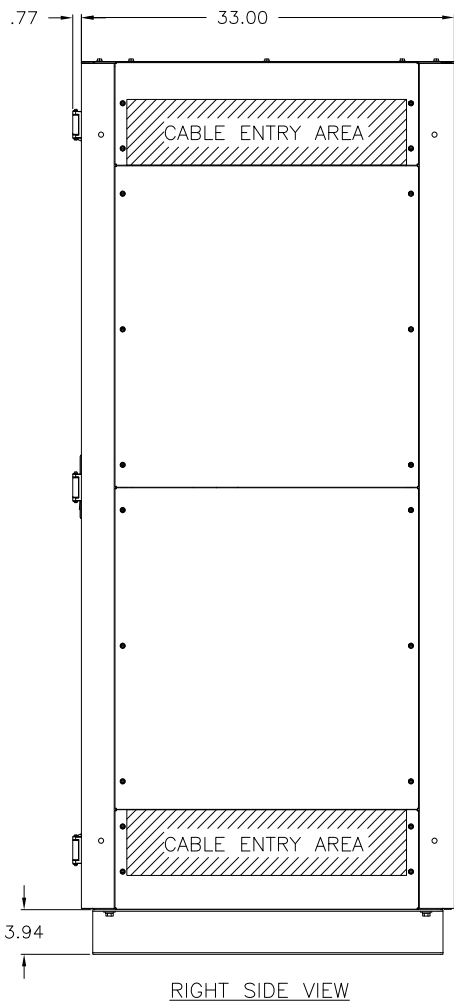
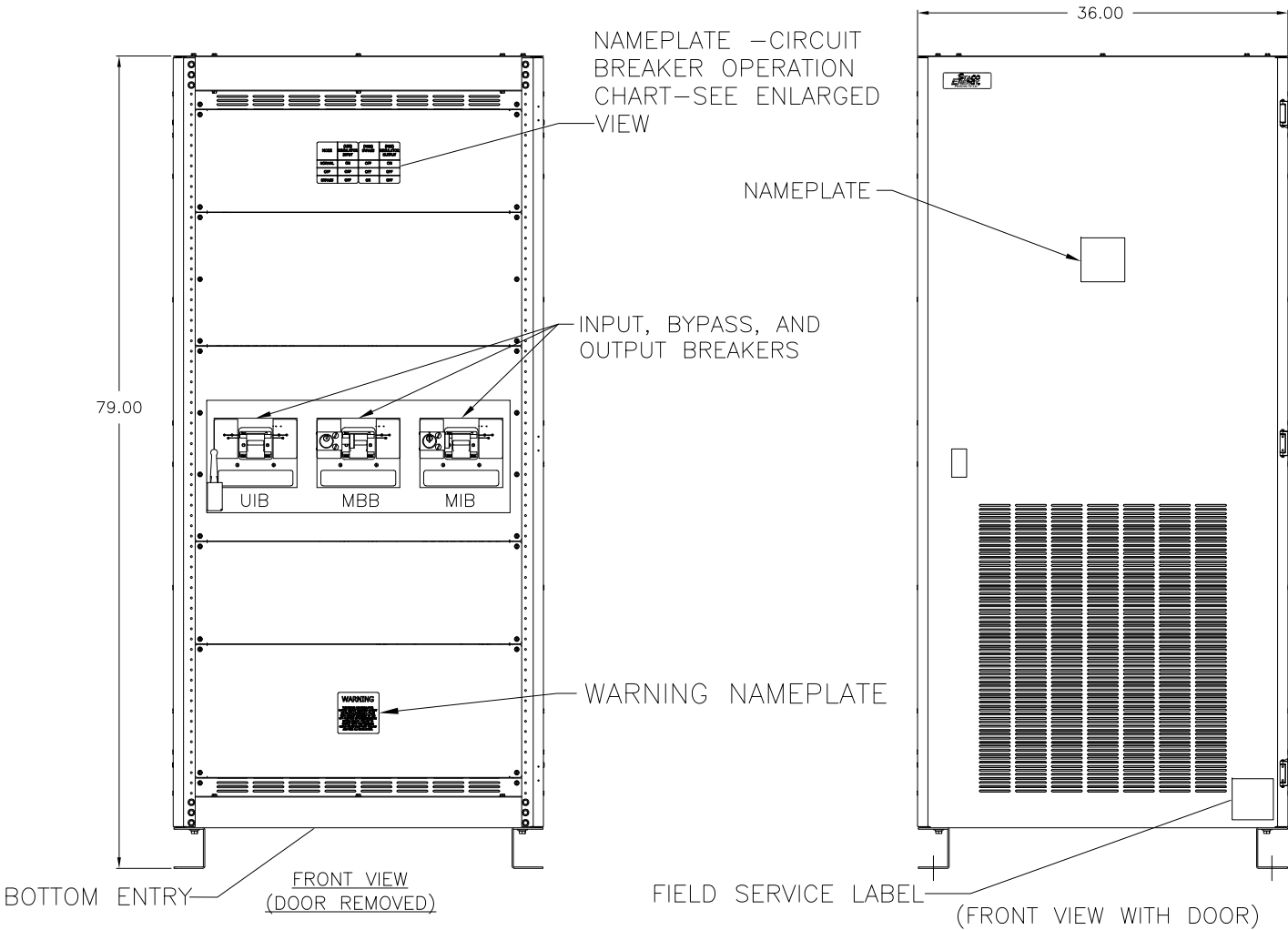
WARNING: THE "MBB" BYPASS CB AND THE "MIB" OUTPUT CB CANNOT BOTH BE IN THE "ON" POSITION SIMULTANEOUSLY. REMOVE ALL POWER BEFORE SETTING THE BREAKERS IN THEIR OPERATIONAL MODE UTILIZING THE KIRK KEYS. SEE OPERATIONAL CHART AND WARNING NAMEPLATE. FAILURE TO COMPLY WITH THIS WARNING COULD CAUSE EQUIPMENT FAILURE AND VOID ALL WARRANTIES.

ALL INTERNAL CONNECTIONS BETWEEN "UIB", "MBB", & "MIB" ARE SUPPLIED USING COPPER BUS BARS. SEE OPERATION CHART.

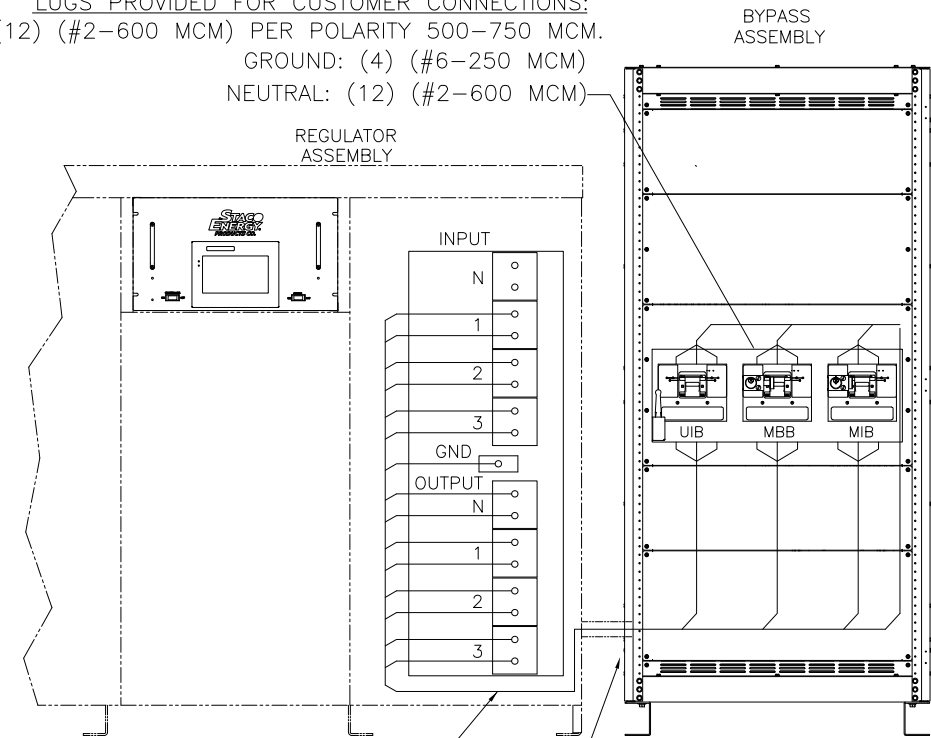
LUGS PROVIDED FOR CUSTOMER CONNECTIONS:
INPUT/OUTPUT: (12) (#2-600 MCM) PER POLARITY 500-750 MCM.

GROUND: (4) (#6-250 MCM)

NEUTRAL: (12) (#2-600 MCM)



RIGHT SIDE VIEW



BYPASS SWITCH RATINGS			
THREE PHASE	50/60	480	1200
WIRING	HERTZ	VOLTS	AMPS

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS XX .010 XXX .005					HOLES .005	ANGLES 1°	DRAFT 1-1/2°	UNITS IN [mm]	TITLE: SPEC. CONTROL DRAWING MAINT. BYPASS SWITCH TYPE: MBCB-T1200-50K						
MATERIAL:					ALL DIMENSIONS APPLY AFTER PLATING				DRAWN BY A.NECK		DATE 7/21/26	FIRST USED ON	DO NOT SCALE DWG.	A Components Corporation of Americe Company 2425 Technical Drive Miamisburg, Ohio 45342 USA	
The information and design disclosed herein was originated by and is the property of STACO ENERGY PRODUCTS CO., which reserves all patent, proprietary, design, manufacturing, reproduction, use and sale rights thereto, and to any article disclosed therein except to the extent rights are expressly granted to others. The foregoing does not apply to vendor proprietary parts.									CHECKER L.BRAGG	DATE 10/16/2026	WEIGHT APPROX.	CAGE CODE 83008	DWG. SIZE	DWG. NO.	
									ENGINEER L.BRAGG	DATE 10/16/2026	SCALE NA	SHEET 1 OF 2	D	810-0091	



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