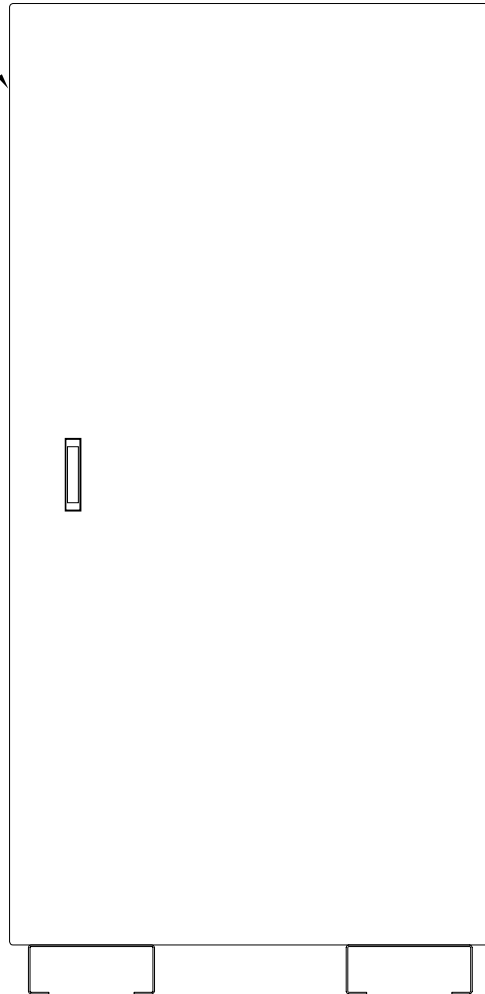
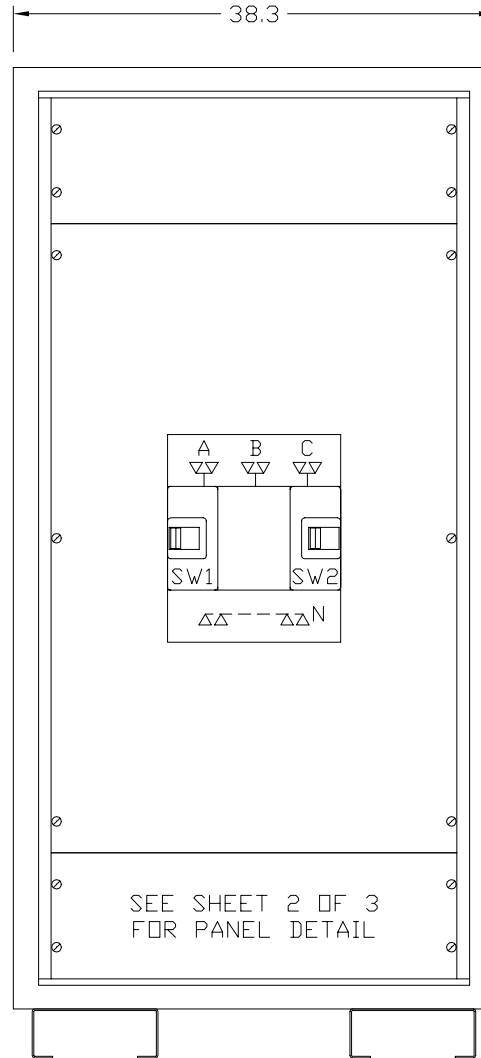


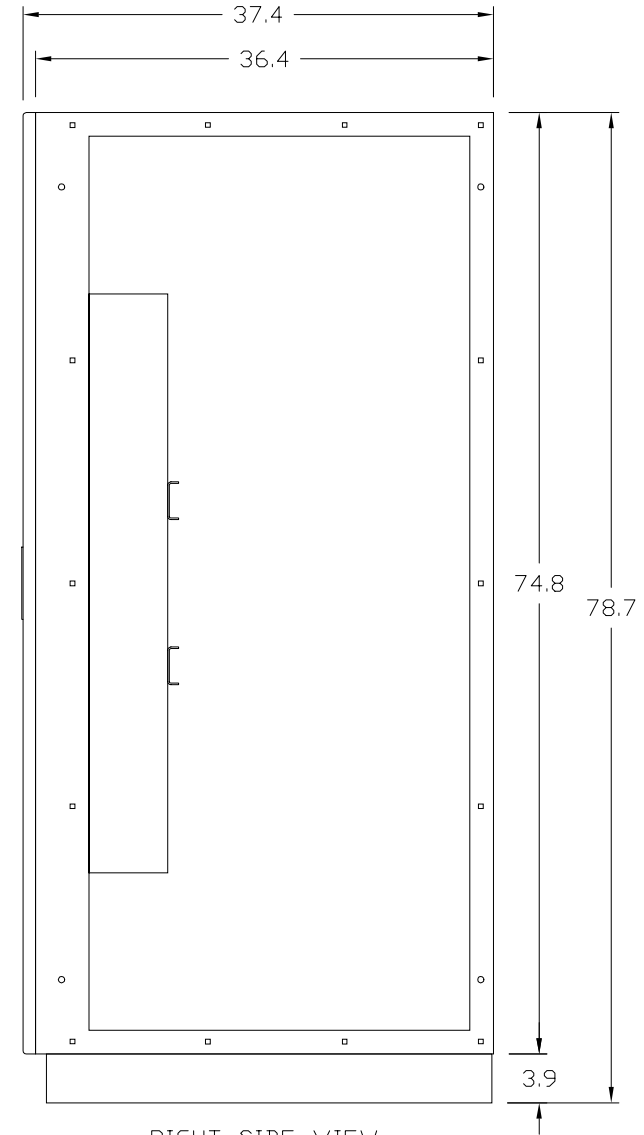
REMOVABLE LEFT
SIDE COVER



FRONT VIEW
DOOR SHOWN



FRONT VIEW
DOOR REMOVED



RIGHT SIDE VIEW
SIDE COVER REMOVED

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MITSUBISHI ELECTRIC
VERNON HILLS, ILLINOIS

REVISIONS

PART NO.: SEE TABLE

DESCRIPTION: 2 BREAKER 9700 SERIES MBP PANEL - 600 AMP MAX.

MEAU APPROVED: *gma*

KINNEY APPROVED: *RFM*

REV.: *

DATE: 11-1-2000

CAD FILE:

DRAWING NO.:

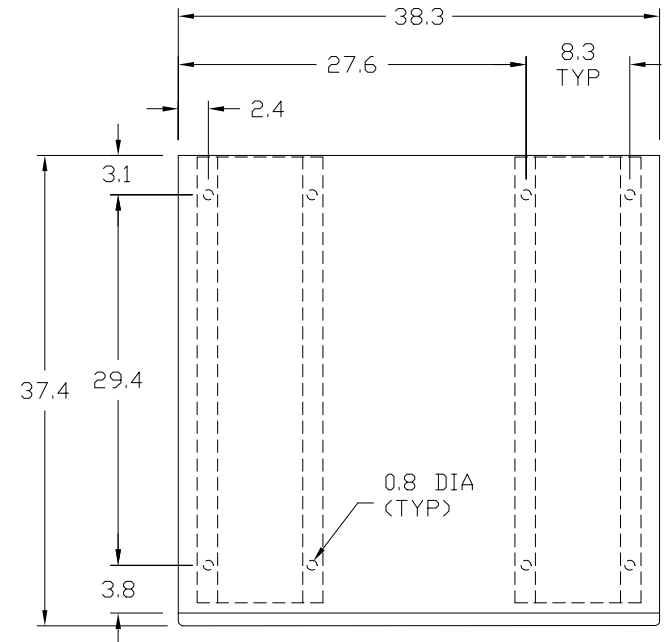
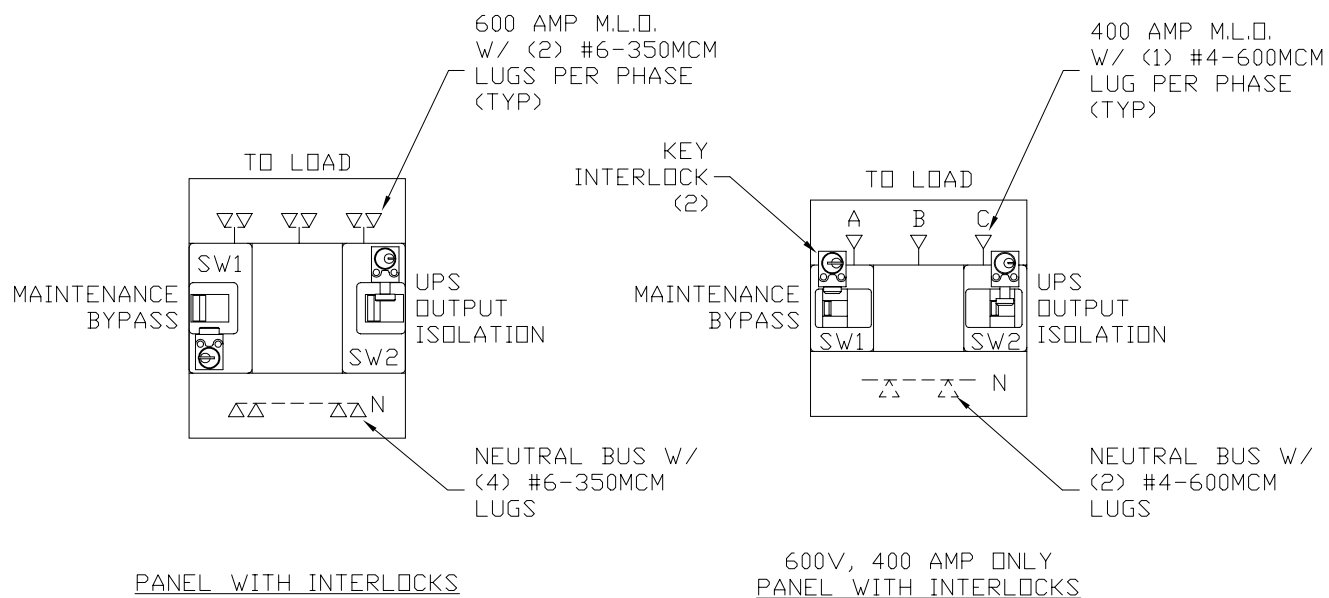
SHEET:

DRAWN BY: RFM

MBF97000600A03

M0000135

1 OF 3



PLAN VIEW
ANCHOR DETAIL

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MBF97000600A03

M0000135

2 OF 3

2 BREAKER MAINTENANCE BYPASS PANEL (MBP) 300-600 AMPERES						
PART NUMBER	UPS SERIES	KVA	BREAKER TYPE	AMPERES	SERVICE	A. I. C. RATING
FB972-CDP-500-480N	9700/9800	300	LD	500	480/277V	35,000
FB972-CDP-600-480N	9700/9800	375	LD	600	480/277V	35,000
FB972-CDP-400-600N	9700/9800	300	KD	400	600V	25,000
FB972-CDP-500-600N	9700/9800	375	LD	500	600V	25,000
FB972-CDP-500-600N	9700/9800	500	LD	600	600V	25,000

A. I. C. RATING	480/277V	RATING CODE	600V	RATING CODE
35, 000	LD	--	HKD / HLD	H
50, 000	--	--	KDC / LDC	U
65, 000	HLD	H	--	--
100, 000	LDC	U	--	--
200, 000	--	--	--	--

ENCLOSURE: NEMA 1 (UL 50 LISTED ENCLOSURE).

BOX: 12 GAUGE PAINTED STEEL, CONTINUOUSLY WELDED SEAMS AND CORNERS, NO KNOCKOUTS.

DOOR: 12 GAUGE PAINTED STEEL EQUIPPED WITH MITSUBISHI HANDLE WITH THREE POINT CATCH.

FINISH: MITSUBISHI BEIGE POLYESTER POWDERCOAT APPLIED TO SURFACES TREATED WITH AN IRON PHOSPHATE AND CHROME FREE SEALER.

KINNEY PANEL TYPE: CDP (UL 67 LISTED INTERIOR)

SERVICE: SEE TABLE ABOVE.

BUS : ELECTROLYTIC COPPER OF 98% CONDUCTIVITY, BASED ON 1000 AMPS PER SQUARE INCH DENSITY.

WIRE BENDING GUTTER: MEETS OR EXCEEDS NEC TABLES 373-6(a), 373-6(b).

BREAKERS: WESTINGHOUSE THERMAL-MAGNETIC, 600 AMP FRAME, 3 POLE, TRIP AS INDICATED:

SEE TABLE ABOVE FOR BREAKER TYPE, AMPERES, AND A.I.C. RATING.

BREAKER TERMINAL LUG: LD - (2) 3/0-350MCM PER PHASE, KD - (1) 250-500MCM PER PHASE.

KEY INTERLOCK: KIRK TYPE F, BREAKERS ARE INTERLOCKED SO AT LEAST ONE BREAKER IS ON AT ANY GIVEN TIME.

Phylogenetic tree showing relationships between FB972-X, X, X-600-480, and N. The tree has a root at the bottom, with a branch to the left leading to a node that splits into FB972-X and a clade containing X, X-600-480, and N. The clade containing X, X-600-480, and N has a node that splits into X and a clade containing X-600-480 and N. The clade containing X-600-480 and N has a node that splits into X-600-480 and N.

A.I.C. RATING OPTION

ACCESSORY OPTION 1

ACCESSORY OPTION 2

INTERLOCK OPTION

H - HIGH INTERRUPTING
U - ULTRA HIGH INTERRUPTING

K - KEY INTERLOCK
N - NONE

- 1 - 1a/1b AUXILIARY SWITCH
- 2 - 2a/2b AUXILIARY SWITCH
- 3 - 24VDC UNDER VOLTAGE RELEASE
- 4 - 1m/1b ALARM/LOCKOUT SWITCH
- 5 - 1a/1b AUXILIARY & 1m/1b ALARM SWITCH

1. ACCESSORIES NORMALLY INSTALLED ON SW1.
2. PUT LOWEST CODE IN OPTION 1, i.e. 12, 24.

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MITSUBISHI ELECTRIC
 VERNON HILLS, ILLINOIS

REVISIONS				PART NO.: SEE TABLE			
				DESCRIPTION: 2 BREAKER 9700 SERIES MBP PANEL – 600 AMP MAX.			
				MEAU APPROVED: <i>JMA</i>		KINNEY APPROVED: <i>RFM</i>	
				DATE: 11-1-2000		CAD FILE:	DRAWING NO.:
				DRAWN BY: RFM		MBF97000600A03	M0000135
				REV.: *			
				SHEET:			
				3 OF 3			