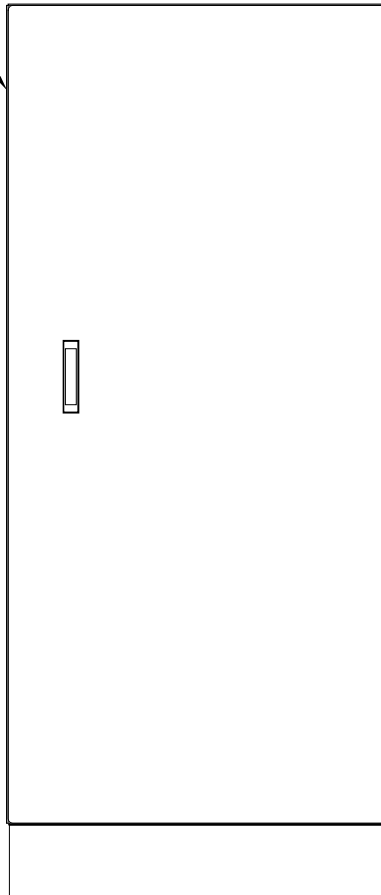
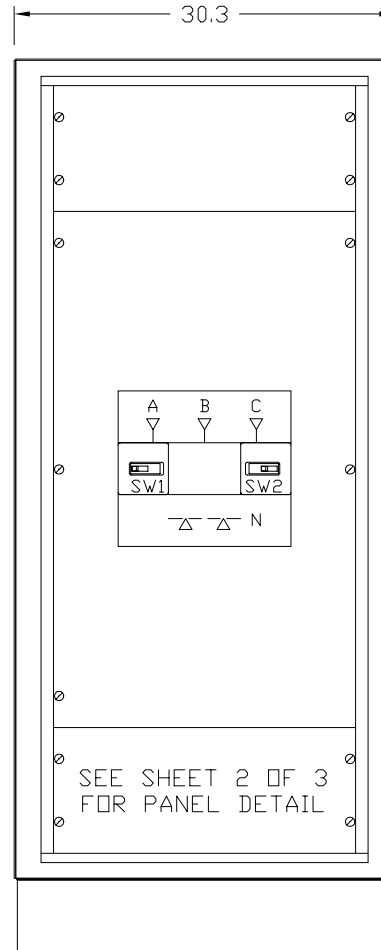


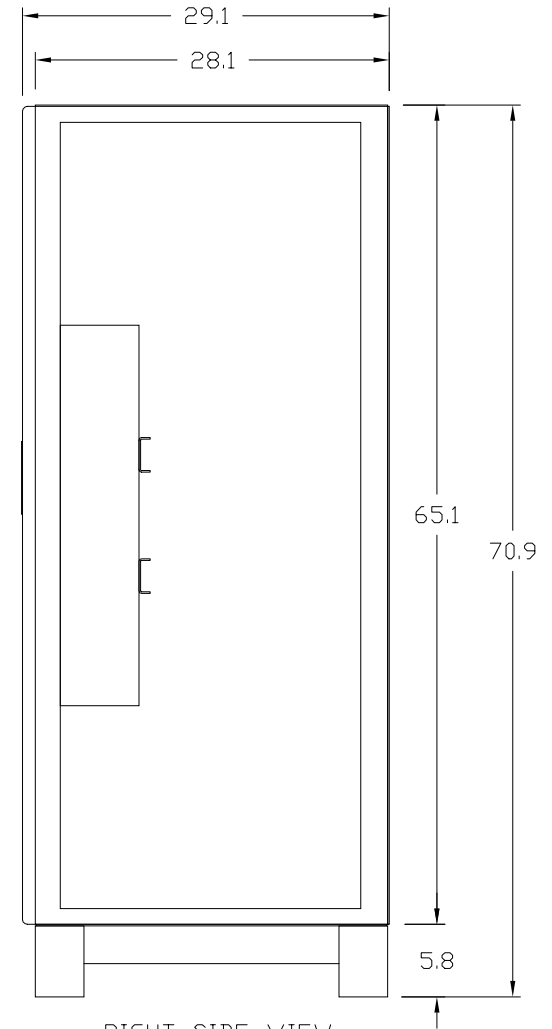
REMOVABLE LEFT  
SIDE COVER



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 2033A SERIES MBP PANEL - 225 AMP MAX.

MEAU APPROVED: *JMA*

KINNEY APPROVED: *RFM*

REV.: \*

DATE: 11-1-2000

CAD FILE:

DRAWING NO.:

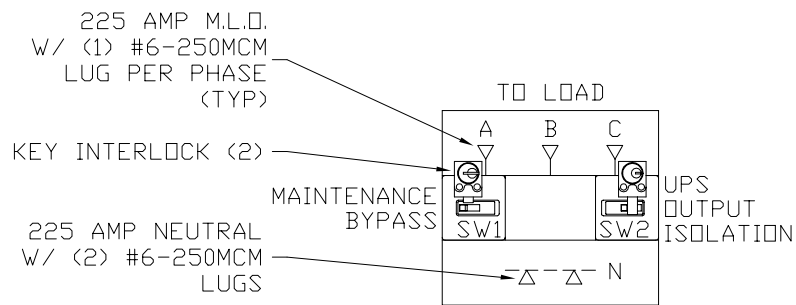
SHEET:

DRAWN BY: RFM

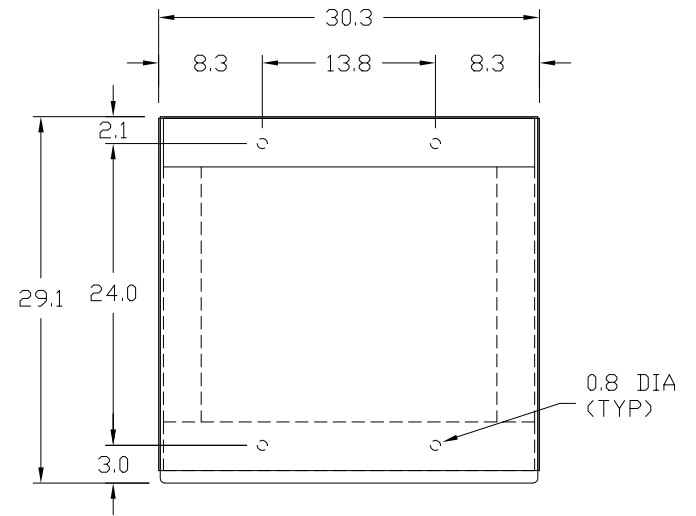
MBF20330225A01

M0000125

1 OF 3



PANEL WITH INTERLOCKS



PLAN VIEW  
ANCHOR DETAIL

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VERNON HILLS, ILLINOIS

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REV.: \*

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CAD FILE:

DRAWING NO.:

SHEET:

DRAWN BY: RFM

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M0000125

2 OF 3

**2 BREAKER MAINTENANCE BYPASS PANEL (MBP) 15-225 AMPERES**

PART NUMBER:

FB232-X X X-125-208 N

A.I.C. RATING OPTION

ACCESSORY OPTION 1

ACCESSORY OPTION 2

INTERLOCK OPTION

PART NUMBER	UPS SERIES	KVA	BREAKER TYPE	AMPERES	SERVICE	A. I. C. RATING
FB232-CDP-125-208N	2033A	30	ED	125	208/120V	65,000
FB232-CDP-150-208N	2033A	40	ED	150	208/120V	65,000
FB232-CDP-175-208N	2033A	50	ED	175	208/120V	65,000

A.I.C. RATING CODES:

H - HIGH INTERRUPTING  
U - ULTRA HIGH INTERRUPTING

INTERLOCK OPTION:

K - KEY INTERLOCK  
N - NONE

ACCESSORY CODES:

- 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

NOTES:

- 1. ACCESSORIES NORMALLY INSTALLED ON SW2.
- 2. PUT LOWEST CODE IN OPTION 1, i.e. 12, 24.

A. I. C. RATING	208/120V	RATING CODE
25,000	--	--
35,000	--	--
65,000	ED	--
100,000	EDH	H
200,000	EDC	U

ENCLOSURE NOTES:

ENCLOSURE: NEMA 1 (UL 50 LISTED ENCLOSURE).

FRAME: BOLT TOGETHER TRI-SQUARE FORMED CHANNEL OF 10 GAUGE STEEL, 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.

MAINTENANCE BYPASS PANEL NOTES:

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, 225 AMP FRAME, 3 POLE, TRIP AS INDICATED:

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

BREAKER TERMINAL LUG: (1) #4-4/0 PER PHASE.

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

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**MITSUBISHI ELECTRIC**  
VERNON HILLS, ILLINOIS

REVISIONS

1 REVISED BKR. NOTES 5-24-01

PART NO.: SEE TABLE

DESCRIPTION: 2 BREAKER 2033A SERIES MBP PANEL - 225 AMP MAX.

MEAU APPROVED: *JMA*

KINNEY APPROVED: *RFM*

REV.: 1

DATE: 11-1-2000

CAD FILE:

DRAWING NO.:

SHEET:

DRAWN BY: RFM

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M0000125

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