DESCRIPTION: MAINTENANCE BYPASS PANEL – 3 CIRCUIT BREAKER

RATING: 208Y/120 VAC
30kVA

DIMENSIONS: See attached Cutler Hammer drawings.

WEIGHT: See attached Cutler Hammer drawings.

COLOR: ANSI 61 Gray

SUPPLIER: EATON (CUTLER HAMMER)

SCHEMATIC: See attached Cutler Hammer drawings.

Red wire
Open when breaker open

Black wire
Common

Blue wire
Closed when breaker open

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<table>
<thead>
<tr>
<th>EATON P/N</th>
<th>DESCRIPTION</th>
<th>MAIN BUS RATING (AMP)</th>
<th>NEUTRAL BUS RATING (AMPS)</th>
<th>MIB RATING</th>
<th>MBP RATING</th>
<th>MIS RATING</th>
</tr>
</thead>
<tbody>
<tr>
<td>124100028-001</td>
<td>MBP,3BKR,30 kVA</td>
<td>225</td>
<td>225</td>
<td>125</td>
<td>110</td>
<td>110</td>
</tr>
<tr>
<td>124100028-002</td>
<td>MBP,3BKR,30 kVA, TVSS</td>
<td>225</td>
<td>225</td>
<td>125</td>
<td>110</td>
<td>110</td>
</tr>
<tr>
<td>124100028-003</td>
<td>MBP,3BKR,30 KVA, PNLBD 65 kA</td>
<td>225</td>
<td>225</td>
<td>125</td>
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<tr>
<td>124100028-004</td>
<td>MBP,3BKR,30kVA, TVSS &amp; PNLBD 65 kA</td>
<td>225</td>
<td>225</td>
<td>125</td>
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<td>110</td>
</tr>
<tr>
<td>124100028-006</td>
<td>MBP,3BKR,30 KVA, PNLBD 22kA</td>
<td>225</td>
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<tr>
<td>124100028-007</td>
<td>MBP,3BKR,30 kVA, PNLBD, 10kA</td>
<td>225</td>
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<td>125</td>
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<tr>
<td>124100028-008</td>
<td>MBP,3BKR,30kVA, TVSS &amp; PNLBD 22 kA</td>
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<tr>
<td>124100028-009</td>
<td>MBP,3BKR,30kVA, TVSS &amp; PNLBD 10 kA</td>
<td>225</td>
<td>225</td>
<td>125</td>
<td>110</td>
<td>110</td>
</tr>
</tbody>
</table>

The cabinet must be UL / C-UL Listed in accordance with UL67.
MAINT BYPASS PNL - 3 CB 30KVA

Description: MAINT BYPASS PNL - 3 CB 30KVA

Project: Format: MS Word Subclass: COMPONENT

Created By: J HARDY Creation Date: 30-AUG-2007 Modified By: M. Carnes Modification Date: 09-OCT-2018

Revision: 04 ECO Number: ECO-149942 Status: RELEASED

Object ID: 124100028

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MAINT BYPASS PNL - 3 CB 30kVA

Legend:

- TERMINAL(S)
- CABLE CONNECTED BY FACTORY

Terminal Wire Ranges:
- LB: LUGS 15 kVA #4 - 1/0
- LB: LUGS 30 kVA #6 - 300 MCM
- BREAKER TERMINALS 15 kVA #4 - 1/0
- BREAKER TERMINALS 30 kVA #4 - 1/0
- NEUTRAL #6 - 300 MCM
- GROUND #4 - 1/0

Electrical One Line Diagram:

AC Input

TO UPS INPUT

MJB

36-Pole Distribution Section
Provisions Only

TO LOAD

MBP

FROM UPS OUTPUT

MIS

MBP, 3 BREAKER, 30 kVA
& PANELBOARD, 65kA

Cutler-Hammer EATON
RALEIGH SATELLITE

MAINTENANCE BYPASS PANEL
EATON CORPORATION

Date: 01/04/07

EJ/K

Modified By: M. Carnes

Modification Date: 09-OCT-2018

Status: RELEASED

Size: AV

Eaton

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MAINT BYPASS PNL - 3 CB 30kVA

**Description:** MAINT BYPASS PNL - 3 CB 30kVA

**Project:** MS Word

**Subclass:** COMPONENT

**Created By:** J HARDY

**Creation Date:** 30-AUG-2007

**Modified By:** M. Carnes

**Modification Date:** 09-OCT-2018

**Revision:** 04

**ECO Number:** ECO-149942

**Status:** RELEASED

**Size:** AV

**Object ID:** 124100028

**Sheet:** 6 of 10

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**Cutler-Hammer**

**Raleigh Satellite**

**Title:** MAINTENANCE BYPASS PANEL

**Eaton Corporation**

**Type:** PRL 34

**Customer ID:** 124100028

**Drawing:** 124100028-004

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**Legend:**

- **\( \_\_\_\) - TERMINAL(S)**
- **\( \_\_\_\_\) - CABLE CONNECTED BY FACTORY**

**Electrical One-Line Diagram:**

- **AC INPUT**
- **120 kA TVSS ADVISOR SERIES**
- **TO UPS INPUT**
- **MIB**
- **MIS**
- **MBP**

**36-Pole Distribution Section Provisions Only (No Breakers)**

**MBP, 3 BREAKER, 30kVA, TVSS & PANELBOARD 65kA**

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PRL 3A PANELBOARD (WALL MOUNT)
SERVICE VOLTAGE 208Y/120V 3PH 4W
MAIN BUS XXXA NEUTRAL BUS XXXA DENSITY CU BUS
--> NON SERVICE ENTRANCE
PANELBOARD CONSTRUCTION MEETS UL-67
NEMA-I ENCLOSURE FINISH ANSI-61
ESTIMATED WEIGHT 450 LBS
AL GROUND BAR SUPPLIED AS STANDARD
PANEL INCLUDES SURFACE MOUNT TRIM "DOOR AS STANDARD"
1A/11 AUXILIARY CONTACTS ON MBP BREAKER
FACTORY CABLED CONNECTION FROM INTERIOR LUGS TO MBP BREAKER USING (1) #1 PER PHASE.

MBP, 3 BREAKER, 30kVA PANELBOARD 22kA

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PRL 3A PANELBOARD (WALL MOUNT)
SERVICE VOLTAGE 208Y/120V 3Ph 4W
MAIN BUS XXXA NEUTRAL BUS XXXA DENSITY CU BUS
-> NON SERVICE ENTRANCE
PANELBOARD CONSTRUCTION MEETS UL-67
NEMA-1 ENCLOSURE FINISH ANSI-61
ESTIMATED WEIGHT 450 LBS
AL GROUND BAR SUPPLIED AS STANDARD
PANEL INCLUDES SURFACE MOUNT TRIM DOOR AS STANDARD
1A/II AUXILIARY CONTACTS ON MBP BREAKER
FACTORY CABLED CONNECTION FROM INTERIOR LUGS TO MBP BREAKER USING (1) #1 PER PHASE.

MBP, 3 BREAKER, 30kVA, PANELBOARD 10kA

124100028-007

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MBP, 3 BREAKER, 30kVA, TVSS & PANELBOARD 22 kA

ELECTRICAL ONE LINE DIAGRAM

AC INPUT

TO UPS INPUT

TO LOAD

120 kA TVSS ADVISOR SERIES

MBP, 3 BREAKER, 30kVA, TVSS & PANELBOARD 22 kA

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MAINT BYPASS PNL - 3 CB 30KVA

Description: MAINT BYPASS PNL - 3 CB 30KVA

Project: J HARDY

Format: MS Word

Subclass: COMPONENT

Created By: J HARDY

Creation Date: 30-AUG-2007

Modified By: M. Carnes

Modification Date: 09-OCT-2018

Revision: 04

ECO Number: ECO-149942

Status: RELEASED

Object ID: 124100028

Sheet: 10 of 10

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