

## DPU/MPU Migration Kit

### Product Description

The DPU Migration Kit allows replacement of an existing DPU or MPU with TX-I/O modules, while keeping the same enclosure and field wiring.

This kit includes the following components:


- One perforated backplane.
- Accessory kit that includes the following:
  - Two DIN rails.
  - Three wire tie bars.
  - Twenty-four 14 to 22 AWG wire nuts.
  - Two mounting nuts.


### Product Numbers<sup>1</sup>


PXA-DPUKIT	DPU/MPU Migration Backplane Kit with DIN rails and wire tie bars installed
535-104 (AM-2483-OA)	UL Listed Class 2 plug-in transformer with 120Vac, 50/60 Hz primary and 24Vac, 20VA secondary
MUC0240502TFCB (5041MWCB)	UL Listed Class 2 transformer with 120/240/277/480Vac, 50/60HZ, 0.4A primary w/ hub and 24Vac, 50VA secondary w/ hub and circuit breaker
MUC0241002TFCB (10041MWCB)	UL Listed Class 2 transformer with 120/240/277/480Vac, 50/60HZ, 0.5A primary w/ hub and 24Vac, 96VA secondary w/ hub and circuit breaker

1. Required for Smoke Control Installations.

### Danger/Warning/Caution Notations

**DANGER:**  Electric shock, death, or severe property damage may occur if you do not follow procedures as specified.

**WARNING:**  Personal injury or property damage may occur if you do not follow procedures as specified.

**CAUTION:**  Equipment damage or loss of data may occur if you do not follow procedures as specified.

### Required Tools

- Wire ties
- 7/16-inch socket and drive
- Wire strippers
- Digital multimeter

### Expected Installation Time

- 10 minutes for installation of backplane

### Compliance



**CAUTION:**

Use of a backplane without the DPU or MPU enclosure voids all UL, CSA, and FCC approvals, as well as European EMC and LVD compliance.



**NOTE:**

A Migration Kit and appropriate transformer is required for Smoke Control applications. Select the appropriate Product Number for the existing enclosure and power requirements.

### Prerequisites

Existing hardware has been removed and new parts ordered.

## Installing the Migration Backplane



**DANGER:**  
Shutting down the DPU/MPU Panel may not disconnect all high voltage I/O.

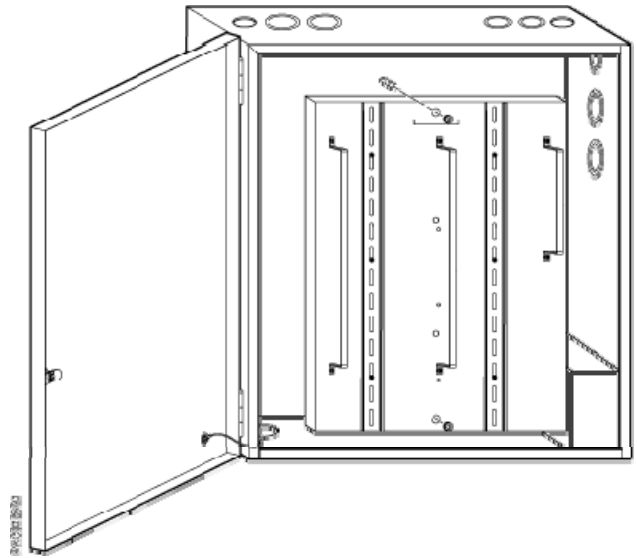
If no means for disconnecting are available, use the wire nuts supplied to protect exposed terminals with voltage present.



**WARNING:**  
This installation should only be done by a qualified electrician or an authorized Siemens Industry, Inc. representative.

1. Mount the migration backplane (bar code label at top) over the enclosure mounting studs using two mounting nuts and a 7/16-inch socket.
2. Mount transformers on backplane (if applicable)
3. Do not connect transformers to outlet at this time.

The installation is complete.



**Figure 1. Installing the Migration Backplane.**

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