SIEMENS

Technical Specification Sheet
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UC/FLNC Migration Kit

Figure 1. Migration kit in UC Enclosure with PXC Compact.

Figure 2. Migration kit in FLNC Enclosure with PXC Modular.

Description

The UC (Unitary Controller) or FLNC (Floor Level Network Controller) Migration Kit contains a backplane, DIN Rail, and accessory kit designed to efficiently migrate existing UCs or FLNCs to the latest state-of-the-art hardware platform while leveraging past system investments.

The Migration Kit is an integral part of the complete Fast Forward Migration solution, specially developed to control migration costs and minimize downtime and disruptions. The UC or FLNC Migration Kit backplane fits inside the enclosure and uses existing conduit and wiring. The backplane supports the installation of one PXC Compact controller or one P1 Bus Interface Module (P1BIM) with three TX-I/O™ Module for UC Migration or one PXC Modular and one RS-485 module for FLNC Migration. UC Migration reuses the existing transformer. FLNC Migration must use a new transformer.

Other physical system assets remain, including Insight® 3.*x* workstation, TECs, most sensors, and controlled devices. Additional system investments are also preserved, including system engineering, programming, databases, graphics, training, initial system configuration, and commissioning.

Features

- The backplane assembly can be used within an existing Unitary Controller enclosure or existing FLNC enclosure.
- Accessory kit included with backplane assembly provides:
  - Two 9.5” (241 mm) wire tie bars.
  - One 12” (508 mm) DIN rail.
  - Ground cable.
  - Power cables for UC.
  - One UC Bezel Cover Plate.
  - One1 MMI extension cable bracket (extension cable 545-712 must be ordered separately)
  - Mounting hardware and wire nuts.
- Has sufficient room for one either PXC Compact Controller, one P1 BIM with up to three TX-I/O Modules, or one PXC Modular and RS-485 module (controllers and modules sold separately).
- Flexibility to mount controller to ease re-termination of wires.
- Uses standard PXC Compact Controller, or P1BIM with TX-I/O modules or PXC Modular Controller.
- Migration decal for the UC or FLNC Door.
- Optional Wire Extender Kit available.
- Optional DIN Kit available.

For more information about the PXC Compact, see the *PXC Compact Technical Specification Sheet* (149-172).

For more information about the P1 Bus Interface Module with TX-I/O, see the *TX-IO Product Range Technical Specification Sheet* (149-476).

Specifications

Agency Listings	UL 864 UUKL ULC-C100 UL 916 PAZX CSA 22.2 No. 205 FCC, CE. C-tick
Backplane Dimensions (not including wire tie bars)	12.75” H × 10.5” W × 0.375" D (324 mm × 267 mm × 9.5 mm)

Ordering Information

Description	**Part Number**
UC or FLNC to DIN Migration Kit includes perforated backplane with ground, power wires, wire tie bars, mounting hardware and DIN rail.	PXA-UCKIT
Accessory kit with four 16” (406 mm) DIN rails.	PXA-DIN16KIT
Accessory kit with four small and four large tie bars.	PXA-TIEBAR
DIN Rail Wire Extender Kit. Includes eight terminal blocks, ten position unprinted labels, seven plug-in jumpers and one end cap.	545-207
MMI extension cable.	545-712
Non-DO Wire Extender Kit. Includes eight 12” (305 mm), 18 AWG Shielded Twisted Pair pre-stripped wires connected to 3-position Molex terminal blocks for DI, AI and AO wire extensions.	545-157

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