

# Power Mod

## Overview of Families



### WXS – Cross Bus Switch

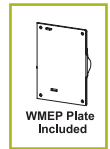
The WXS family of switches offers a standardized means of connecting Siemens Sentron busway to Power Mod for mid and high-rise applications. The Sentron Busway is connected via the TapStack which converts Sentron busway connections over to Power Mod horizontal bus connections. This enables the user to connect to Power Mod in as little as 9" of wall space.

Features include:

- Fast connection of end-feed busway to Power Mod meter banks
- Class T fuse provisions
- 100K AIC standard for all models

### Pull Box quick reference

- 400-800A module rating
- 1200A horizontal bus rating
- UL Standard #98
- UL file # E25506
- AIC rating: 100K
- Voltage
  - Single phase 120/240V AC max
  - Three Phase 240V AC max
- NEMA 3R rated



### WTB – Standard Tap boxes

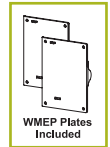
Standard tap box modules (type WTB) are designed for versatility, space savings, and flexibility.

Features include:

- Standard compression lug capability
- Invertibility: devices can be rotated to accommodate the desired incoming feed direction
- 750 kcmil AL wire options for most models
- 100K AIC standard for all models
- Broad ampacity ratings from 400 to 2400 Amps
- Line and load capability- service entrance and sub-feed rated

### Standard Tap box quick reference

- 400-2400A module rating
- 1200A horizontal bus rating
- UL Standard # 67
- UL file # E27100
- AIC rating (100K AIC)
- Voltage
  - Single phase 120/240V AC max
  - Three phase 240V AC max
- All swing latches and rivets are stainless steel.
- NEMA 3R rated



### ⚠ Restrictions for 1600-2400amp type WTB Power Mod Tap Boxes: ⚠

When the 1600, 2000, or 2400amp tap boxes are used as service entrance equipment (fed directly from utility transformer) or when the supply originates from a Class L fuse or Siemens WL circuit breaker there are restrictions on the use of an additional down-stream horizontal cross-bus connected WTB, WTB, WET, or WT type Power Mod tap boxes. When another tap box is connected to the same meter-bank, a type "WXB" module must be used as protection for the down-stream tap box (placed between the incoming WTB tap box and the downstream outgoing tap box). This restriction does NOT apply if the tap box is fed from a Siemens Sentron or VL series molded case circuit breaker. Note that the maximum amperage for a Siemens Sentron circuit breaker is 2,000amps.



### WET – Tap box - Pullbox Combinations

EUSERC - compliant Tap box-Pullbox Combination modules (type WET) offer EUSERC compatibility, a wider range of lug options, and extra space for pulling in conductors.

Features include:

- Standard compression lug capability
- 750 kcmil AL wire options for most models
- 100K AIC standard for all models
- Broad ampacity ratings from 400 to 1200 Amps
- Removable bottom endwall

### Tap box – Pullbox Combination quick reference

- 400-1200A module rating
- 1200A horizontal bus rating
- UL Standard #'s 67
- UL file # E27100
- AIC Rating (100k)
- Voltage
  - Single phase 120/240V AC max
  - Three phase 240V AC max
- All swing latches and rivets are stainless steel.
- NEMA 3R rated
- EUSERC drawing numbers 343, 343A, 347 (Pullbox)

