

Description:

Nav-Tech trans socket disconnect combos integrate current-transformer metering and a service disconnect in a single enclosure, streamlining cold-sequence metering installations. Available with 400A MAX fusible disconnects listed per UL Standard 90, these units combine pre-wired test switches, NEMA 3R construction, and utility-approved CT compartments. Line-top or line-bottom configurations and UL service-entrance ratings deliver durability, flexibility, and compliance for a wide range of utility metering applications.

Contents:

Trans Socket with Disconnect
CT Cabinet with Main Disconnect





Features

- Only factory prefabricated knockouts on the enclosure shall be used.
- Trans "S" unit supplied with furnished meter pan and CT wiring upon utility approval.
- Security hardware to be provided for CT cabinet door and meter enclosure cover (to be installed by contractor).
- Cold sequence service requires a disconnect switch before the CT cabinet.
- Utility locking provisions available when required.
- Mount using prefabbed mounting holes or hanging brackets.
- Bus bar shall be silver or tin plated and shall be sized per the NEC.
- Cabinet can be rated NEMA 1 or NEMA 3R and shall be constructed from code gauge galvanized or galvanized steel.
- Mounting: Units are furnished with 1/2"-13 studs, washers and hex nuts and bolt with lock washer for CT mounting.
- Lugs are provided and installed on the load and line side of the cabinet.
- Available in 6, 8, and 13 Terminal Socket configurations complete with pre-wired test switch.
- SCCR: These units have a 100K short circuit current withstand rating.
- Bus bar shall be mounted in the cabinet by means of standoff insulators or insulated mounting brackets. Insulating material shall conform to the applicable sections of UL 746 and UL 94. The cabinet shall be UL, Con Edison and NYC advisory board approved.
- 400A MAX disconnects available.
- Listed per UL Standard 90, enclosed and dead front switches.
- UL service entrance rated when installed in accordance with the National Electrical Code.
- Disconnect switches are fused (fusible down to 225A). Fuses sold separately.
- Heavy duty rated.
- 3P – 4W configuration.
- Line side top configuration or line bottom configuration available.

	Utility Spec.	Part Number	H x W x D (Inches)	Volts (V)	Amperage (A)
Con Edison	745	TS/SW 400-240-B	70x20x10.81	240	400
	745	TS/SW 400-240-T	65x20x10.81	240	400
	745	TS/SW 400-480-B	65x20x11	480	400
	745	TS/SW 400-480-T	70x20x11	480	400
	750	TS/SW 600-240-B	82x24x12.125	240	600
	750	TS/SW 600-240-T	76x20x12.125	240	600
	750	TS/SW 600-480-B	76x20x12	480	600
	750	TS/SW 600-480-T	82x24x12	480	600
	750	TS/SW 800-240-B	82x24x12.125	240	800
	750	TS/SW 800-240-T	76x20x12.125	240	800
	750	TS/SW 800-480-B	76x20x12	480	800
	750	TS/SW 800-480-T	82x24x12	480	800
PSEG LI		TS/SW-400-240T(3) LI	65x20x11	600	400
		TS/SW-400-240B(3) LI	70x20x11	600	400
		TS/SW-600-240T(3) LI	82x24x12	600	600
		TS/SW-600-240B(3) LI	76x24x12	600	600
		TS/SW-800-240T(3) LI	82x24x12	600	800
		TS/SW-800-240B(3) LI	76x20x12	600	800

**XX Would be substituted for the amperage of the box. (I.E. 2000A w “20” instead of “XX”)



Con Ed Approved CT Cabinet with Main Disconnect



Features

- Indoor NEMA 1 & outdoor NEMA 3R construction available.
- AFGFR (Arc Flash Reduction & Ground Fault Protection) is available by request.
- Industry standard ANSI 61 baked enamel powder coat finish.
- Bar style & window style CT cabinets per utility requirements.
- 600 MCM line/load lugs come standard on CT cabinets. Larger or smaller lugs available upon request.
- Silver flashed & bare copper bus available in 2" to 6" widths.
- Zinc plated hardware is standard, stainless steel hardware available by request.
- Padlockable handle with 3pt catch standard for CT compartment.
- Units rated up to 400A, 600V MAX
- Disconnects listed per UL Standard 90, enclosed and dead front switches.
- Heavy duty rated.
- Padlockable when off is standard. Padlockable on available by request.
- Underground and overhead exit/entry.
- Neutral to ground bonding kit included standard.
- Line side top configuration or line bottom configuration available.
- Disconnect switches are fused.
- All cabinets are UL Listed.
- For a list of utility approved cabinets, see Nav-Tech Catalog.
- For specs of individual utility cabinets, consult Nav-Tech.

Product Selection

	Part Number	Amperage (A)	Voltage (V)	Type	H x W x D (Inches)	Line/Load
298CTSW	NAV-298CTSW-XXB*	1200-1600	240 MAX	Hot Sequence, Bottom Fed	90 x 36 x 18	4 Sets 600 MCM
	NAV-298CTSW-XXT*	1200-1600	240 MAX	Hot Sequence, Top Fed	90 x 36 x 18	4 Sets 600 MCM
	NAV-298CTSW-XXB-CS*	1200-1600	600 MAX	Cold Sequence, Bottom Fed	90 x 36 x 18	4 Sets 600 MCM
	NAV-298CTSW-XXT-CS*	1200-1600	600 MAX	Cold Sequence, Top Fed	90 x 36 x 18	4 Sets 600 MCM
377CTSW	NAV-377CTSW-XXB*	1600-4000	240 MAX	Hot Sequence, Bottom Fed	90 x 50 x 20	Up to 10 Sets 600 MCM
	NAV-377CTSW-XXT*	1600-4000	240 MAX	Hot Sequence, Top Fed	90 x 50 x 20	Up to 10 Sets 600 MCM
	NAV-377CTSW-XXB-CS*	1600-4000	600 MAX	Cold Sequence, Bottom Fed	90 x 50 x 20	Up to 10 Sets 600 MCM
	NAV-377CTSW-XXT-CS*	1600-4000	600 MAX	Cold Sequence, Top Fed	90 x 50 x 20	Up to 10 Sets 600 MCM

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