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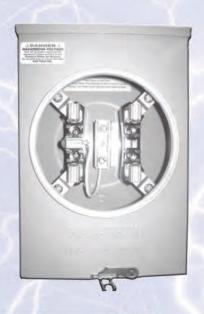


# CON EDISON EQUIPMENT

Con Ed Spec.	Navtech Cat. No	Size Description	Amps
205	N-205	10x10x5	100
205	RTN-205	10x10x5	100
215	N-215	24x12x8	200
215	RTN-215	24x12x8	200
484	N-484	30x18x12	400
484	RTN-484	30x18x12	400
220	N-220	12x12x8	



# CON EDISON APPROVED METER SOCKETS



Item	Description
MS1G-100	125 Amps 100 continuous single phase 5 JAW



# CON EDISON APPROVED TRANS-S ENCLOSURES

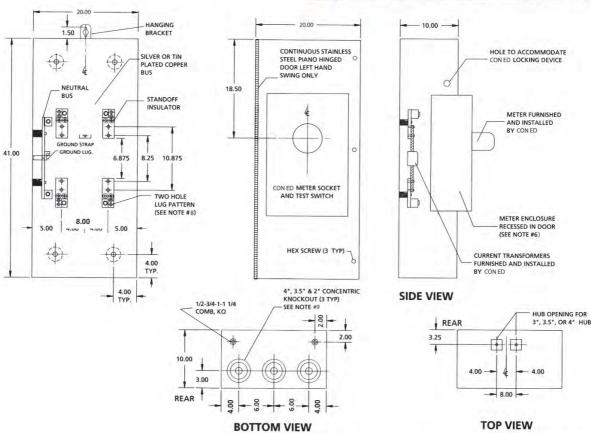




Con Ed Spec	Navtech Cat. Number	Size Description	Volts	AMPS
745	TS-400-208	41x20x10	208	200-400 3PH
745	TS-400-240	41x20x10	240	200-400 Single PH
745	TS-400-480	41x20x10	480	200-400 3PH
757	TS-800-208	48x24x10	208	400-800 3PH
750	TS-800-240	48x24x10	240	600-800 Single PH
757	TS-800-480	48x24x10	480	400-800 3PH
751	MS-10P-208	21x14x5	208	30 AMP (CONT)
751	MS-10P-480	21x14x5	480	30 AMP (CONT)
	MS-7P-240	21x14x5	240	30 AMP (CONT)

# CON EDISON 400 AMP TRANS "S" CURRENT TRANSFORMER CABINET (NEMA 3R) 200 AMP. & 400 AMP., 240 V CATALOG NUMBER TS-400-240(1)





#### NOTES:

- CABINET SHALL BE RATED NEMA 3R AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANIZED STEEL
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL APPROVED AND N.Y.C. ADVISORY BOARD.
- 4. THE RIGHT HAND SIDE OF THE CABINET SHALL ALLOW FOR LINE AND LOAD CABLES TO ENTER AND EXIT THROUGH THE BOTTOM OF THE CABINET. THIS SPACE SHALL ALLOW FOR THE CABLES TO MEET THE MINIMUM BENDING RADIUS TO NEAREST PHASE OR NEUTRAL BUS AS PER THE NEC.
- THE SHORT CIRCUIT WITHSTAND CAPABILITY OF THE CABINET ASSEMBLY SHALL BE A MINIMUM OF 50,000 SYMMETRICAL AMPERES.
- 6. CABINET DESIGN SHALL HAVE PROVISIONS FOR A SOLID DOOR TO ALLOW FOR THE METER ENCLOSURE TO BE MOUNTED REMOTELY FROM THE CABINET.
- METERING COMPARTMENT TO BE TOTALLY ISOLATED FROM C. T. COMPARTMENT. FOR "REMOTE" USE CAT. NO. (IOP - 208MS OR IOP -480MS) AND CONFORM TO MES #751.
- CABINET MAY BE DESIGNED WITH A SINGLE OR DOUBLE DOOR AS NECESSARY
  TO CONFORM WITH THE APPLICABLE STANDARDS. OVERALL DIMENSIONS
  SHALL BE KEPT TO A MINIMUM.
- HEX HEAD OR THUMB SCREWS MAY BE FURNISHED INSTEAD OF A THREE POINT LATCH.
- 10. MANUFACTURER SHALL FURNISH AND INSTALL 1/2 13 STUDS WITH SPLIT LOCK WASHERS, RING WASHERS AND HEX NUTS FOR C. T. MOUNTING.
- 11. USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. LUGS ARE RATED FOR (1) 600 MCM #4 OR (2) 250 MCM #4 CABLES.

- 12. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 13. PROVIDE #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM TEST SWITCH/METER SOCKET METERING COMPARTMENT INTO C. T. COMPARTMENT. LEAVE 5 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #195, REV. 9.
- 14. SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE TO BE INSTALLED BY CONTRACTOR.
- 15. THIS STANDARD SHALL NOT BE USED AS A DESIGN CRITERIA. DIMENSIONS SHOWN ARE RECOMMENDED MINIMUMS ONLY. LARGER DIMENSIONS SHALL BE USED WHERE REQUIRED BY CODE.

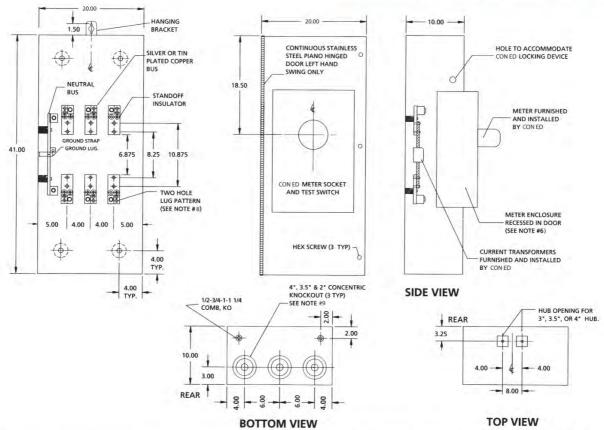
#### INSTALLATION DETAILS:

- MAXIMUM CABLE SIZES: I SET OF 500 KCMILS OR 2 SETS OF 4/0 AWG CU. LUG SIZE RANGES FROM 600 MCM - #4 OR (2) 250 KCMILS - 1/0 IF AL. CABLES ARE USED.
- 2. USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED.
- 3. 1 FT. CLEARANCE REQUIRED ON THE LEFT (HINGED) SIDE OF THE CABINET TO A WALL OR OBSTRUCTION FOR METER CLEARANCE. MINIMUM OF 6" CLEARANCE ON THE RIGHT. (NON HINGED) SIDE OF THE CABINET, NEEDED FOR INSTALLATION OF LOCKING DEVICES. SPACE BETWEEN ADJACENT CABINETS NO LESS THAN 6 INCHES. (SEE INSTALLATION DETAIL).
- 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.
- METER ENCLOSURES MOUNTED REMOTELY MUST CONFORM WITH MES 195 IN WIRE SIZING CONNECTIONS, COLOR CODING, ETC.
- 6. FINAL CONNECTIONS PER MES 195 FOR 4 WIRE INSTALLATIONS.



## CON EDISON 400 AMP TRANS "S" CURRENT TRANSFORMER CABINET (NEMA 3R) 200 AMP. & 400 AMP., 240 V & 480V AC RATED CATALOG NUMBER TS-400-208, TS-400-480





#### NOTES

- CABINET SHALL BE RATED NEMA 3R AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANIZED STEEL
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- 3. BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL APPROVED AND N.Y.C. ADVISORY BOARD.
- 4. THE RIGHT HAND SIDE OF THE CABINET SHALL ALLOW FOR LINE AND LOAD CABLES TO ENTER AND EXIT THROUGH THE BOTTOM OF THE CABINET. THIS SPACE SHALL ALLOW FOR THE CABLES TO MEET THE MINIMUM BENDING RADIUS TO NEAREST PHASE OR NEUTRAL BUS AS PER THE NEC.
- THE SHORT CIRCUIT WITHSTAND CAPABILITY OF THE CABINET ASSEMBLY SHALL BE A MINIMUM OF 50,000 SYMMETRICAL AMPERES.
- CABINET DESIGN SHALL HAVE PROVISIONS FOR A SOLID DOOR TO ALLOW FOR THE METER ENCLOSURE TO BE MOUNTED REMOTELY FROM THE CABINET.
- METERING COMPARTMENT TO BE TOTALLY ISOLATED FROM C. T. COMPARTMENT. FOR "REMOTE" USE CAT. NO. (IOP - 208MS OR IOP -480MS) AND CONFORM TO MES #751.
- CABINET MAY BE DESIGNED WITH A SINGLE OR DOUBLE DOOR AS NECESSARY
  TO CONFORM WITH THE APPLICABLE STANDARDS. OVERALL DIMENSIONS
  SHALL BE KEPT TO A MINIMUM.
- 9. HEX HEAD OR THUMB SCREWS MAY BE FURNISHED INSTEAD OF A THREE POINT I ATCH
- MANUFACTURER SHALL FURNISH AND INSTALL 1/2 13 STUDS WITH SPLIT LOCK WASHERS, RING WASHERS AND HEX NUTS FOR C. T. MOUNTING.
- 11. USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED, LUGS ARE RATED FOR (1) 600 MCM #4 OR (2) 250 MCM #4 CABLES.

- 12. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 13. PROVIDE #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM TEST SWITCH/METER SOCKET METERING COMPARTMENT INTO C. T. COMPARTMENT. LEAVE 5 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #195, REV. 9.
- 14. SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE TO BE INSTALLED BY CONTRACTOR.
- 15. THIS STANDARD SHALL NOT BE USED AS A DESIGN CRITERIA. DIMENSIONS SHOWN ARE RECOMMENDED MINIMUMS ONLY. LARGER DIMENSIONS SHALL BE USED WHERE REQUIRED BY CODE.

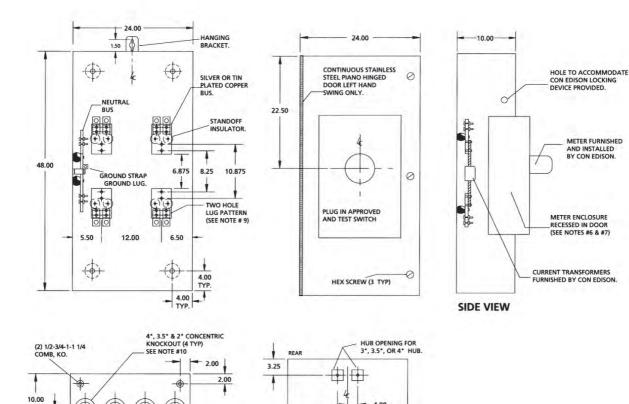
#### INSTALLATION DETAILS:

- MAXIMUM CABLE SIZES: I SET OF 500 KCMILS OR 2 SETS OF 4/0 AWG CU. LUG SIZE RANGES FROM 600 MCM - #4 OR (2) 250 KCMILS - 1/0 IF AL. CABLES ARE USED.
- 2. USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED.
- 3, 1 FT. CLEARANCE REQUIRED ON THE LEFT (HINGED) SIDE OF THE CABINET TO A WALL OR OBSTRUCTION FOR METER CLEARANCE. MINIMUM OF 6" CLEARANCE ON THE RIGHT. (NON HINGED) SIDE OF THE CABINET, NEEDED FOR INSTALLATION OF LOCKING DEVICES. SPACE BETWEEN ADJACENT CABINETS NO LESS THAN 6 INCHES. (SEE INSTALLATION DETAIL).
- 4. 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.
- 5. METER ENCLOSURES MOUNTED REMOTELY MUST CONFORM WITH MES 195 IN WIRE SIZING CONNECTIONS, COLOR CODING, ETC.
- 6. FINAL CONNECTIONS PER MES 195 FOR 4 WIRE INSTALLATIONS.



#### **CON EDISON 800 AMP TRANS "S" CURRENT TRANSFORMER CABINET (NEMA 3R)** 600 AMP. & 800 AMP., 240 V AC RATED CATALOG NUMBER TS-800-240(1)





- 4.00

TOP VIEW

1. CABINET SHALL BE RATED NEMA 3R AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANNEALED STEEL.

6.00 3.0

3.00

3.0 6.00 6.00

**BOTTOM VIEW** 

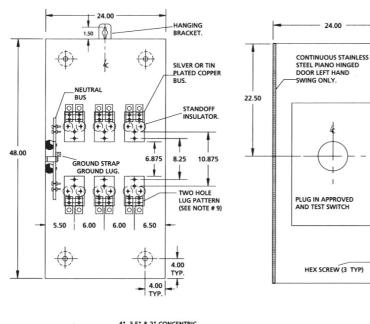
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- 3. BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS, INSULATING MATERIAL SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94 CABINET SHALL BE UL, CON EDISON AND N.Y.C. ADVISORY BOARD APPROVED.
- 4. THE RIGHT HAND SIDE OF THE CABINET SHALL ALLOW FOR LINE AND LOAD CABLES, TO ENTER AND EXIT THROUGH THE TOP OR THE BOTTOM OF THE CABINET. THIS SPACE SHALL ALLOW FOR THE CABLES TO MEET THE MINIMUM BENDING RADIUS TO NEAREST PHASE OR NEUTRAL BUS. AS PER THE NEC.
- 5. THE SHORT CIRCUIT WITHSTAND CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 50,000 RMS SYMMETRICAL AMPERES
- CABINET DESIGN SHALL HAVE PROVISIONS FOR A SOLID DOOR TO ALLOW FOR THE METER ENCLOSURE TO BE MOUNTED REMOTELY FROM THE CABINET.
- 7. METERING COMPARTMENT TO BE TOTALLY ISOLATED FROM CT COMPARTMENT FOR REMOTE USE. USE CAT. NO. RTS800-208 WITH MS10P-208 OR RTS800-480 WITH MS10P-480. ALL TO CONFORM TO MES # 195.

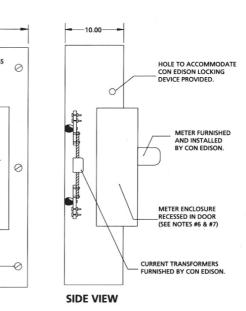
- MANUFACTURER SHALL FURNISH AND INSTALL 1/2-13 STUDS WITH SPLIT LOCK WASHERS AND HEX NUTS FOR CT MOUNTING.
- USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. (2) LUGS PER TERMINAL, EACH RATED FOR (1) 600 MCM-#4 OR (2) 250 MCM -#4 CABLES.
- 10. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH METERING COMPARTMENT INTO THE CT COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO THE CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #195. EXCEPT AS NOTED IN MES #751 FOR FORM 9S METER
- 12. SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE COVER (TO BE INSTALLED BY CONTRACTOR).
- 13. 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.

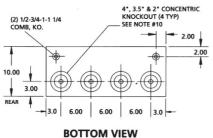


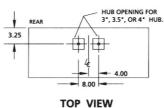
## CON EDISON 800 AMP TRANS "S" CURRENT TRANSFORMER CABINET (NEMA 3R) 600 AMP. & 800 AMP., 240 V & 480V AC RATED CATALOG NUMBER TS-800-208, TS-800-480











- CABINET SHALL BE RATED NEMA 3R AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANNEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- 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 N.Y.C. ADVISORY BOARD APPROVED.
- 4. THE RIGHT HAND SIDE OF THE CABINET SHALL ALLOW FOR LINE AND LOAD CABLES, TO ENTER AND EXIT THROUGH THE TOP OR THE BOTTOM OF THE CABINET. THIS SPACE SHALL ALLOW FOR THE CABLES TO MEET THE MINIMUM BENDING RADIUS TO NEAREST PHASE OR NEUTRAL BUS. AS PER THE NEC.
- 5. THE SHORT CIRCUIT WITHSTAND CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 50,000 RMS SYMMETRICAL AMPERES.
- 6. CABINET DESIGN SHALL HAVE PROVISIONS FOR A SOLID DOOR TO ALLOW FOR THE METER ENCLOSURE TO BE MOUNTED REMOTELY FROM THE CABINET.
- METERING COMPARTMENT TO BE TOTALLY ISOLATED FROM CT COMPARTMENT FOR REMOTE USE. USE CAT. NO. RTS800-208 WITH MS10P-208 OR RTS800-480 WITH MS10P-480. ALL TO CONFORM TO MES # 195.

- 8. MANUFACTURER SHALL FURNISH AND INSTALL 1/2-13 STUDS WITH SPLIT LOCK WASHERS AND HEX NUTS FOR CT MOUNTING.
- 9. USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. (2) LUGS PER TERMINAL, EACH RATED FOR (1) 600 MCM-#4 OR (2) 250 MCM -#4 CABLES.
- 10. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH METERING COMPARTMENT INTO THE CT COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO THE CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #195, EXCEPT AS NOTED IN MES #751 FOR FORM 9S METER SOCKET.
- 12. SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE COVER (TO BE INSTALLED BY CONTRACTOR).
- 13. 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.

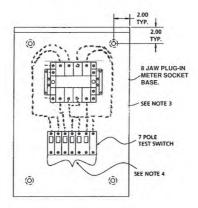


#### **CON EDISON "S" PLUG-IN METER SOCKET AND TEST SWITCH**

30 AMP. CONT., 208V 240V & 480V AC RATED NEMA 3R



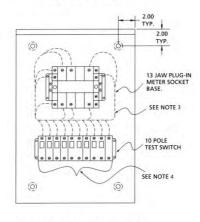
#### **SINGLE PHASE**



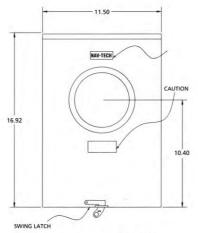
FRONT VIEW NO COVER MS7P-240



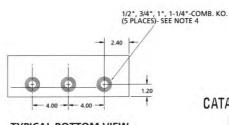
#### **THREE PHASE**



FRONT VIEW NO COVER MS10P-208



**TYPICAL FRONT VIEW** 



**TYPICAL BOTTOM VIEW** 





- 1. CABINET SHALL BE RATED NEMA 3R AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANNEALED STEEL.
- ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 3. STANDARD FOR 1 PHASE 3 WIRE FORM METER SOCKET, AND STANDARD 195 CON ED FOR 3 PHASE 4 WIRE WYE FORM 9S METER SOCKET, IS PROVIDED PREWIRED FROM TEST SWITCH TO METER BASE IN ACCORD WITH CON ED CONSTRUCTION.
- 4. WIRE PROVIDED AND INSTALLED BY CONTRACTOR.







Con Ed Spec.	Navtech Cat. No	AMPS	Size
EO-9525-B	9525	800	48x24x18
EO-9525-B	9525	1200	54x24x18
EO-9072-B	9072	2000	68x26x18
EO-9073-B	9073	2800	78x34x18
EO-9073-B	9073	5600	84x40x30
EO-9073-B	9073	8800	92x48x30
142	CT-36	400	27x36x10
142	CT-44	400	27x44x10
298	298CT	800	72x32x12
298	298CT	1200	72x32x12
298	298CT	1600A	72x32x12
377	377CT	As Required	As Required

ALL SIZES ALSO AVAILABLE IN STAINLESS STEEL / NEMA 3R

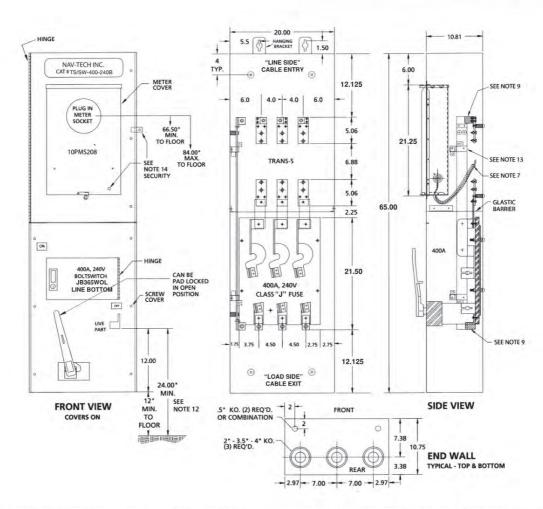
# CON EDISON TRANS-S / SWITCH COMBINATION UNITS



Con Ed Spec.	Navtech Cat. No	Size Description	Volts	Amps
745	TS/SW 400-240-B	70x20x11	240	400
745	TS/SW 400-240-T	65x20x11	240	400
745	TS/SW 400-480-B	65x20x11	480	400
745	TS/SW 400-480-T	70x20x11	480	400
	TS/SW 600-240-B	82x24x12	240	600
	TS/SW 600-240-T	76x20x12	240	600
	TS/SW 600-480-B	76x20x12	480	600
	TS/SW 600-480-T	82x24x12	480	600
750	TS/SW 800-240-B	82x24x12	240	800
750	TS/SW 800-240-T	76x20x12	240	800
750	TS/SW 800-480-B	76x20x12	480	800
750	TS/SW 800-480-T	82x24x12	480	800

#### TRANS "S" AND SWITCH COMBINATION 400 AMP., 240 VOLT CON EDISON - LINE TOP CATALOG NUMBERS: TS/SW-400-240T





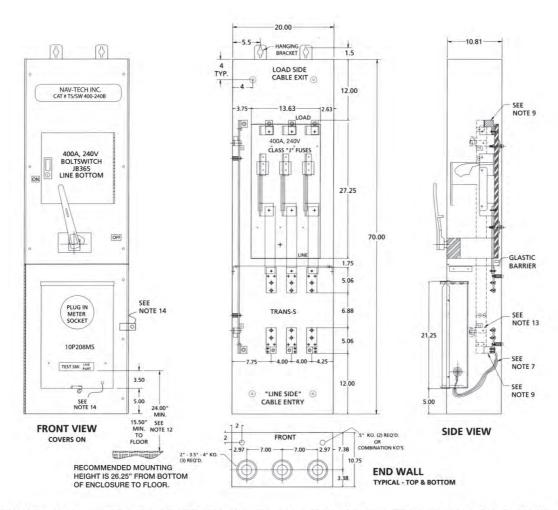
- CABINET SHALL BE RATED NEMA I (INDOOR ONLY) AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- 3. BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATIORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS. SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND U. 94. CABINET SHALL BE UL, CON EDISON AND N.Y.C. ADVISORY BOARD APPROVED.
- THE CABINET IS INTENDED FOR CABLE ENTRY THROUGH BOTTOM AND EXIT THROUGH THE TOP ONLY..
- 5. THE SHORT CIRCUIT CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 200,000 RMS SYMMETRICAL AMPERES WITH CLASS "J" FUSES.
- THE FUSED POWER CIRCUIT DEVICE REQUIRES 400AMP, 480V MAX., CLASS "J" FUSES (NOT PROVIDED).
- INSULATED SLEEVING SHALL BE PROVIDED WHERE MULTICONDUCTOR BUNDLE PASSES UNDER NEUTRAL BAR. WIRE MOUNTS ARE RIVETED IN PLACE.
- 8. THE UNIT IS MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT"...

- 9. USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. EACH LUG IS RATED FOR (1) 600 MCM-#4 OR (2) 250MCM-#4 CABLE.
- ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH TO THE METERING COMPARTMENT INTO C.T. COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #751, FOR FORM 9S METER SOCKET.
- 12. NEAREST LIVE PARTS ARE 24" MINIMUM TO FLOOR.
- 13. THE UNIT IS SHIPPED WITH AN "INSULATED NEUTRAL" AND A BOUNDING KIT ("BK8") PROVIDED WITH INSTRUCTIONS (FOR INSTALLATION AS REQUIRED BY
- SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE (TO BE INSTALLED BY CONTRACTOR).
- 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.



## TRANS "S" AND SWITCH COMBINATION 400 AMP., 240 VOLT CON EDISON - LINE BOTTOM CATALOG NUMBER TS/SW-400-240B





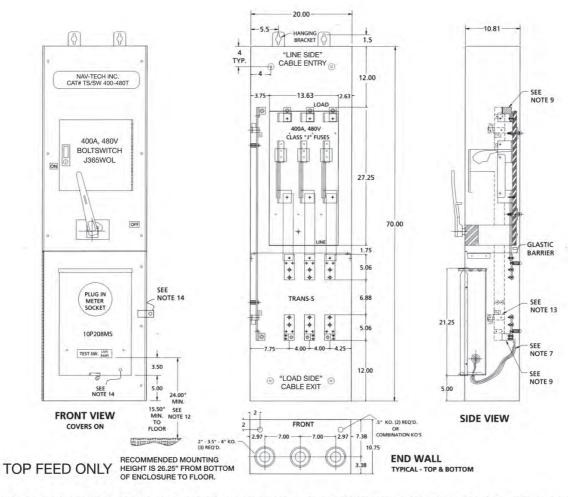
- CABINET SHALL BE RATED NEMA I (INDOOR ONLY) AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- 3. BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL, CON EDISON AND N.Y.C. ADVISORY BOARD APPROVED.
- 4. THE CABINET IS INTENDED FOR CABLE ENTRY THROUGH BOTTOM AND EXIT THROUGH THE TOP ONLY..
- 5. THE SHORT CIRCUIT CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 200,000 RMS SYMMETRICAL AMPERES WITH CLASS "J" FUSES.
- THE FUSED POWER CIRCUIT DEVICE REQUIRES 400AMP, 250V MAX., CLASS "U" FUSES (NOT PROVIDED).
- INSULATED SLEEVING SHALL BE PROVIDED WHERE MULTICONDUCTOR BUNDLE PASSES UNDER NEUTRAL BAR. WIRE MOUNTS ARE RIVETED IN PLACE
- 8. THE UNIT IS MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT".

- USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. EACH LUG IS RATED FOR (1) 600 MCM-#4 OR (2) 250MCM-#4 CABLE.
- 10. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH TO THE METERING COMPARTMENT INTO C.T. COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #751, FOR FORM 9S METER SOCKET.
- 12. NEAREST LIVE PARTS ARE 24" MINIMUM TO FLOOR.
- 13. THE UNIT IS SHIPPED WITH AN "INSULATED NEUTRAL" AND A BOUNDING KIT ("BK8") PROVIDED WITH INSTRUCTIONS (FOR INSTALLATION AS REQUIRED BY CONTRACTOR).
- SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE (TO BE INSTALLED BY CONTRACTOR).
- 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.



#### TRANS "S" AND SWITCH COMBINATION 400 AMP., 480 VOLT CON EDISON - LINE TOP CATALOG NUMBER TS/SW-400-480T





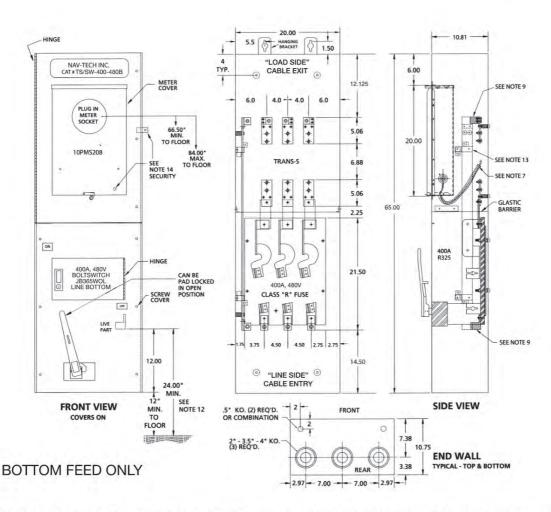
- CABINET SHALL BE RATED NEMA I (INDOOR ONLY) AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- 3. BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL, CON EDISON AND N.Y.C. ADVISORY BOARD APPROVED.
- 4. THE CABINET IS INTENDED FOR CABLE ENTRY THROUGH BOTTOM AND EXIT THROUGH THE TOP ONLY..
- 5. THE SHORT CIRCUIT CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 200,000 RMS SYMMETRICAL AMPERES WITH CLASS "J" FUSES.
- THE FUSED POWER CIRCUIT DEVICE REQUIRES 400AMP, 480V MAX., CLASS "J" FUSES (NOT PROVIDED).
- INSULATED SLEEVING SHALL BE PROVIDED WHERE MULTICONDUCTOR BUNDLE PASSES UNDER NEUTRAL BAR. WIRE MOUNTS ARE RIVETED IN PLACE
- 8. THE UNIT IS MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT".

- 9. USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. EACH LUG IS RATED FOR (1) 600 MCM-#4 OR (2) 250MCM-#4 CABLE.
- 10. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH TO THE METERING COMPARTMENT INTO C.T. COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #751, FOR FORM 9S METER SOCKET.
- 12. NEAREST LIVE PARTS ARE 24" MINIMUM TO FLOOR.
- THE UNIT IS SHIPPED WITH AN "INSULATED NEUTRAL" AND A BOUNDING KIT ("BK8") PROVIDED WITH INSTRUCTIONS (FOR INSTALLATION AS REQUIRED BY CONTRACTOR).
- 14. SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE (TO BE INSTALLED BY CONTRACTOR).
- 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.



## TRANS "S" AND SWITCH COMBINATION 400 AMP., 480 VOLT CON EDISON - LINE BOTTOM CATALOG NUMBERS: TS/SW-400-480B





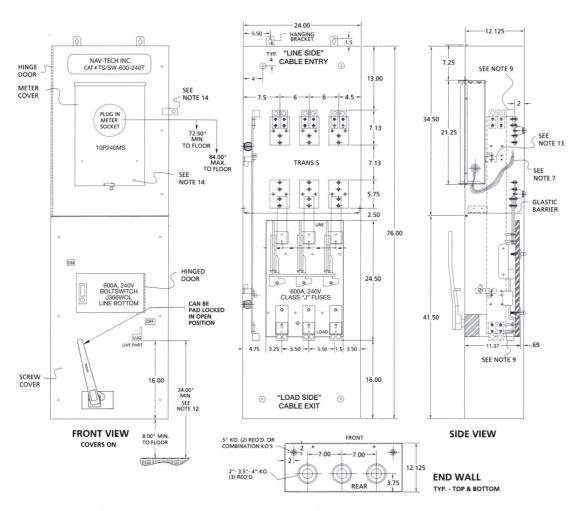
- CABINET SHALL BE RATED NEMA I (INDOOR ONLY) AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- 3. BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL, CON EDISON AND N.Y.C. ADVISORY BOARD APPROVED.
- 4. THE CABINET IS INTENDED FOR CABLE ENTRY THROUGH BOTTOM AND EXIT THROUGH THE TOP ONLY..
- THE SHORT CIRCUIT CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 200,000 RMS SYMMETRICAL AMPERES WITH CLASS "J" FUSES.
- THE FUSED POWER CIRCUIT DEVICE REQUIRES 400AMP, 480V MAX., CLASS "J" FUSES (NOT PROVIDED).
- 7. INSULATED SLEEVING SHALL BE PROVIDED WHERE MULTICONDUCTOR BUNDLE PASSES UNDER NEUTRAL BAR. WIRE MOUNTS ARE RIVETED IN DI ACE
- 8. THE UNIT IS MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT".

- USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. EACH LUG IS RATED FOR (1) 600 MCM-#4 OR (2) 250MCM-#4 CABLE.
- 10. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH TO THE METERING COMPARTMENT INTO C.T. COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #751, FOR FORM 9S METER SOCKET.
- 12. NEAREST LIVE PARTS ARE 24" MINIMUM TO FLOOR
- 13. THE UNIT IS SHIPPED WITH AN "INSULATED NEUTRAL" AND A BOUNDING KIT ("BK8") PROVIDED WITH INSTRUCTIONS (FOR INSTALLATION AS REQUIRED BY CONTRACTOR).
- 14. SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE (TO BE INSTALLED BY CONTRACTOR).
- 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.



## TRANS "S" AND SWITCH COMBINATION 600 AMP., 240 VOLT CON EDISON - LINE TOP CATALOG NUMBERS: TS/SW-600-240T





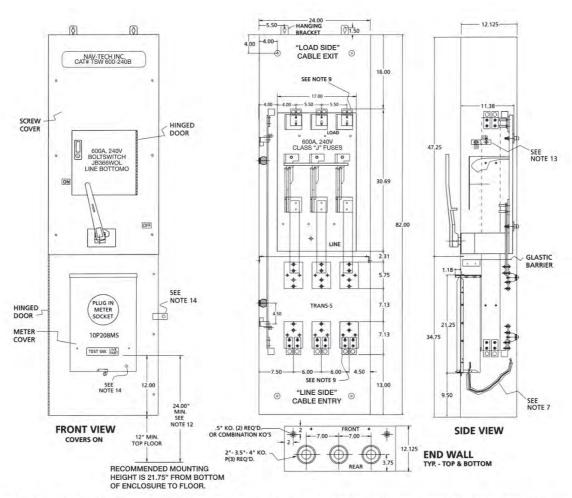
- CABINET SHALL BE RATED NEMA I (INDOOR ONLY) AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- 3. BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL, CON EDISON AND N.Y.C. ADVISORY BOARD APPROVED.
- 4. THE CABINET IS INTENDED FOR CABLE ENTRY THROUGH TOP AND EXIT THROUGH THE BOTTOM ONLY..
- 5. THE SHORT CIRCUIT CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 200,000 RMS SYMMETRICAL AMPERES WITH CLASS "J" FUSES.
- THE FUSED POWER CIRCUIT DEVICE REQUIRES 800AMP, 250V MAX., CLASS "J" FUSES (NOT PROVIDED).
- INSULATED SLEEVING SHALL BE PROVIDED WHERE MULTICONDUCTOR BUNDLE PASSES UNDER NEUTRAL BAR. WIRE MOUNTS ARE RIVETED IN PLACE
- 8. THE UNIT IS MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT"..

- USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. EACH SINGLE LUG IS RATED FOR (1) 600 MCM-#4 OR (2) 250MCM-#4 CABLE. EACH DOUBLE LUG ON SWITCH SIDE IS RATED FOR (2) 600MCM-#4 CABLE.
- 10. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH TO THE METERING COMPARTMENT INTO C.T. COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #751, FOR FORM 9S METER SOCKET.
- 12. NEAREST LIVE PARTS ARE 24" MINIMUM TO FLOOR.
- 13. THE UNIT IS SHIPPED WITH AN "INSULATED NEUTRAL" AND A BOUNDING KIT ("BK8") PROVIDED WITH INSTRUCTIONS (FOR INSTALLATION AS REQUIRED BY CONTRACTOR).
- 14. SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE (TO BE INSTALLED BY CONTRACTOR).
- 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.



## TRANS "S" AND SWITCH COMBINATION 600 AMP., 240 VOLT CON EDISON - LINE BOTTOM CATALOG NUMBERS: TS/SW-600-240B





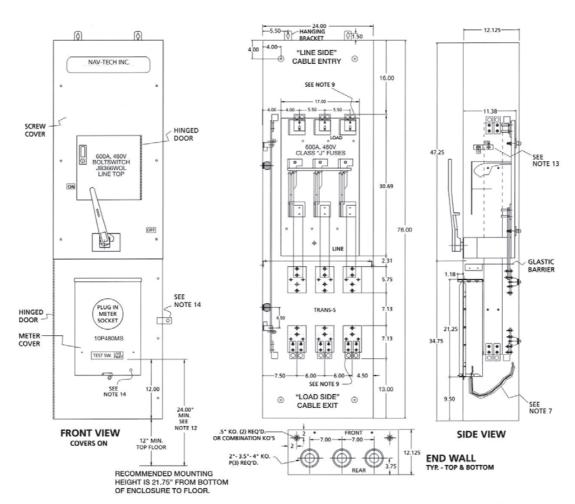
- CABINET SHALL BE RATED NEMA I (INDOOR ONLY) AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- 3. BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS. SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL, CON EDISON AND N.Y.C. ADVISORY BOARD APPROVED.
- THE CABINET IS INTENDED FOR CABLE ENTRY THROUGH BOTTOM AND EXIT THROUGH THE TOP ONLY..
- 5. THE SHORT CIRCUIT CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 200,000 RMS SYMMETRICAL AMPERES WITH CLASS "J" FUSES.
- 6. THE FUSED POWER CIRCUIT DEVICE REQUIRES 800AMP, 250V MAX., CLASS "J" FUSES (NOT PROVIDED).
- INSULATED SLEEVING SHALL BE PROVIDED WHERE MULTICONDUCTOR BUNDLE PASSES UNDER NEUTRAL BAR. WIRE MOUNTS ARE RIVETED IN PLACE.
- 8. THE UNIT IS MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT"...

- USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. EACH SINGLE LUG IS RATED FOR (1) 600 MCM-#4 OR (2) 250MCM-#4 CABLE. EACH DOUBLE LUG ON SWITCH SIDE IS RATED FOR (2) 600MCM-#4 CABLE.
- 10. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH TO THE METERING COMPARTMENT INTO C.T. COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #751, FOR FORM 9S METER SOCKET.
- 12. NEAREST LIVE PARTS ARE 24" MINIMUM TO FLOOR.
- 13. THE UNIT IS SHIPPED WITH AN "INSULATED NEUTRAL" AND A BOUNDING KIT ("BK8") PROVIDED WITH INSTRUCTIONS (FOR INSTALLATION AS REQUIRED BY CONTRACTOR).
- 14. SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE (TO BE INSTALLED BY CONTRACTOR).
- 15. 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET



#### TRANS "S" AND SWITCH COMBINATION 600 AMP., 480 VOLT CON EDISON - LINE TOP CATALOG NUMBERS: TS/SW-600-480T





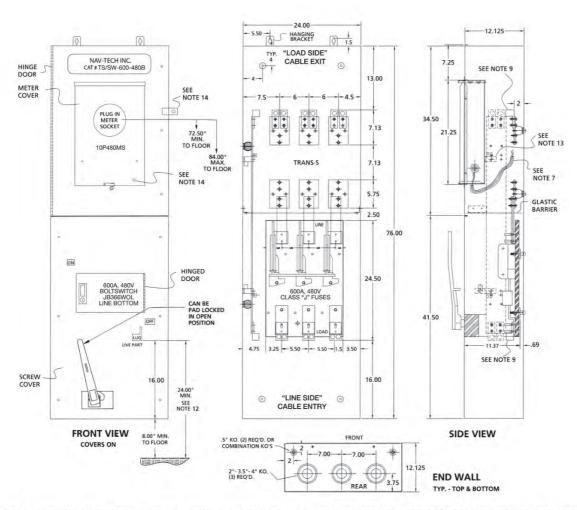
- CABINET SHALL BE RATED NEMA I (INDOOR ONLY) AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL., CON EDISON AND N.Y.C. ADVISORY BOARD APPROVED.
- 4. THE CABINET IS INTENDED FOR CABLE ENTRY THROUGH BOTTOM AND EXIT THROUGH THE TOP ONLY...
- THE SHORT CIRCUIT CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 200,000 RMS SYMMETRICAL AMPERES WITH CLASS "J" FUSES.
- THE FUSED POWER CIRCUIT DEVICE REQUIRES 800AMP, 480V MAX., CLASS "J" FUSES (NOT PROVIDED).
- INSULATED SLEEVING SHALL BE PROVIDED WHERE MULTICONDUCTOR BUNDLE PASSES UNDER NEUTRAL BAR. WIRE MOUNTS ARE RIVETED IN PLACE.
- 8. THE UNIT IS MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT".

- USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. EACH SINGLE LUG IS RATED FOR (1) 600 MCM-#4 OR (2) 250MCM-#4 CABLE. EACH DOUBLE LUG ON SWITCH SIDE IS RATED FOR (2) 600MCM-#4 CABLE.
- ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH TO THE METERING COMPARTMENT INTO C.T. COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #751, FOR FORM 9S METER SOCKET.
- 12. NEAREST LIVE PARTS ARE 24" MINIMUM TO FLOOR.
- THE UNIT IS SHIPPED WITH AN "INSULATED NEUTRAL" AND A BOUNDING KIT ("BK8") PROVIDED WITH INSTRUCTIONS (FOR INSTALLATION AS REQUIRED BY CONTRACTOR).
- SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE (TO BE INSTALLED BY CONTRACTOR).
- 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.



## TRANS "S" AND SWITCH COMBINATION 600 AMP., 480 VOLT CON EDISON - LINE BOTTOM CATALOG NUMBERS: TS/SW-600-480B





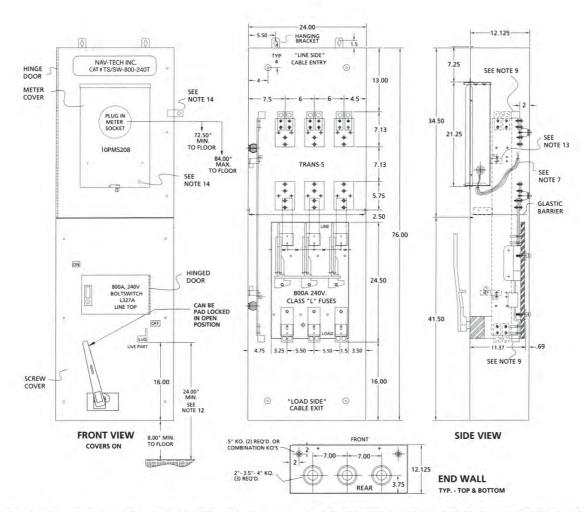
- CABINET SHALL BE RATED NEMA I (INDOOR ONLY) AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL, CON EDISON AND N.Y.C. ADVISORY BOARD APPROVED.
- THE CABINET IS INTENDED FOR CABLE ENTRY THROUGH TOP AND EXIT THROUGH THE BOTTOM ONLY..
- THE SHORT CIRCUIT CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 200,000 RMS SYMMETRICAL AMPERES WITH CLASS "J" FUSES.
- THE FUSED POWER CIRCUIT DEVICE REQUIRES 800AMP, 480V MAX., CLASS "J" FUSES (NOT PROVIDED).
- INSULATED SLEEVING SHALL BE PROVIDED WHERE MULTICONDUCTOR BUNDLE PASSES UNDER NEUTRAL BAR. WIRE MOUNTS ARE RIVETED IN PLACE
- 8. THE UNIT IS MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT".

- USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. EACH SINGLE LUG IS RATED FOR (1) 600 MCM-#4 OR (2) 250MCM-#4 CABLE. EACH DOUBLE LUG ON SWITCH SIDE IS RATED FOR (2) 600MCM-#4 CABLE.
- 10. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH TO THE METERING COMPARTMENT INTO C.T. COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #751, FOR FORM 9S METER SOCKET.
- 12. NEAREST LIVE PARTS ARE 24" MINIMUM TO FLOOR.
- THE UNIT IS SHIPPED WITH AN "INSULATED NEUTRAL" AND A BOUNDING KIT ("BK8") PROVIDED WITH INSTRUCTIONS (FOR INSTALLATION AS REQUIRED BY CONTRACTOR).
- SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE (TO BE INSTALLED BY CONTRACTOR).
- 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.



#### TRANS "S" AND SWITCH COMBINATION 800 AMP., 240 VOLT CON EDISON - LINE TOP CATALOG NUMBERS: TS/SW-800-240T





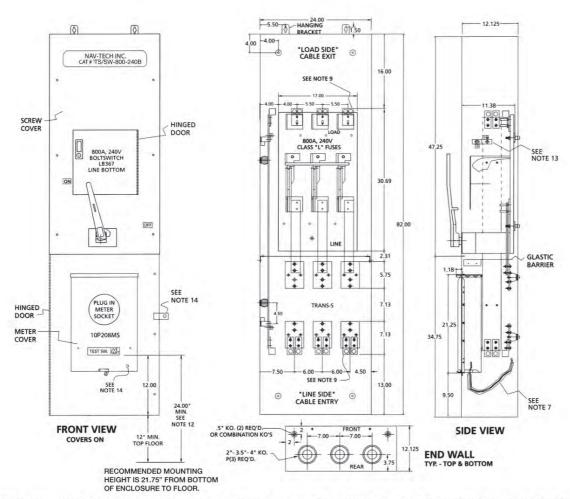
- 1. CABINET SHALL BE RATED NEMA I (INDOOR ONLY) AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- 3. BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL, CON EDISON AND N.Y.C. ADVISORY BOARD APPROVED.
- 4. THE CABINET IS INTENDED FOR CABLE ENTRY THROUGH TOP AND EXIT THROUGH THE BOTTOM ONLY..
- 5. THE SHORT CIRCUIT CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 200,000 RMS SYMMETRICAL AMPERES WITH CLASS "L" FUSES.
- THE FUSED POWER CIRCUIT DEVICE REQUIRES 800AMP, 250V MAX., CLASS "L" FUSES (NOT PROVIDED).
- 7. INSULATED SLEEVING SHALL BE PROVIDED WHERE MULTICONDUCTOR BUNDLE PASSES UNDER NEUTRAL BAR. WIRE MOUNTS ARE RIVETED IN
- 8. THE UNIT IS MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT".

- USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. EACH SINGLE LUG IS RATED FOR (1) 600 MCM-#4 OR (2) 250MCM-#4 CABLE. EACH DOUBLE LUG ON SWITCH SIDE IS RATED FOR (2) 600MCM-#4 CABLE.
- 10. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH TO THE METERING COMPARTMENT INTO C.T. COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #751, FOR FORM 9S METER SOCKET.
- 12. NEAREST LIVE PARTS ARE 24" MINIMUM TO FLOOR.
- THE UNIT IS SHIPPED WITH AN "INSULATED NEUTRAL" AND A BOUNDING KIT ("BK8") PROVIDED WITH INSTRUCTIONS (FOR INSTALLATION AS REQUIRED BY CONTRACTOR).
- SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE (TO BE INSTALLED BY CONTRACTOR).
- 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.



#### TRANS "S" AND SWITCH COMBINATION 800 AMP., 240 VOLT CON EDISON - LINE BOTTOM CATALOG NUMBERS: TS/SW-800-240B





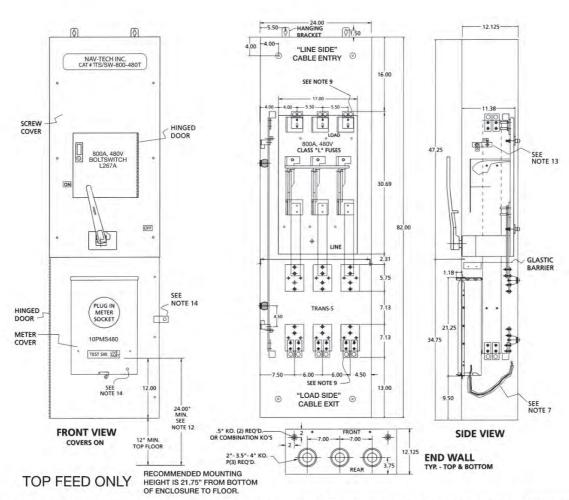
- CABINET SHALL BE RATED NEMA I (INDOOR ONLY) AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- 3. BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL, CON EDISON AND N.Y.C. ADVISORY BOARD APPROVED.
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- THE SHORT CIRCUIT CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 200,000 RMS SYMMETRICAL AMPERES WITH CLASS "L" FUSES.
- 6. THE FUSED POWER CIRCUIT DEVICE REQUIRES 800AMP, 250V MAX., CLASS "L" FUSES (NOT PROVIDED).
- INSULATED SLEEVING SHALL BE PROVIDED WHERE MULTICONDUCTOR BUNDLE PASSES UNDER NEUTRAL BAR. WIRE MOUNTS ARE RIVETED IN PLACE.
- 8. THE UNIT IS MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT"...

- USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. EACH SINGLE LUG IS RATED FOR (1) 600 MCM-#4 OR (2) 250MCM-#4 CABLE. EACH DOUBLE LUG ON SWITCH SIDE IS RATED FOR (2) 600MCM-#4 CABLE.
- 10. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH TO THE METERING COMPARTMENT INTO C.T. COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #751, FOR FORM 9S METER SOCKET.
- 12. NEAREST LIVE PARTS ARE 24" MINIMUM TO FLOOR.
- 13. THE UNIT IS SHIPPED WITH AN "INSULATED NEUTRAL" AND A BOUNDING KIT ("BK8") PROVIDED WITH INSTRUCTIONS (FOR INSTALLATION AS REQUIRED BY CONTRACTOR).
- 14. SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE (TO BE INSTALLED BY CONTRACTOR).
- 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.



#### TRANS "S" AND SWITCH COMBINATION 800 AMP., 480 VOLT CON EDISON - LINE TOP CATALOG NUMBERS: TS/SW-800-480T





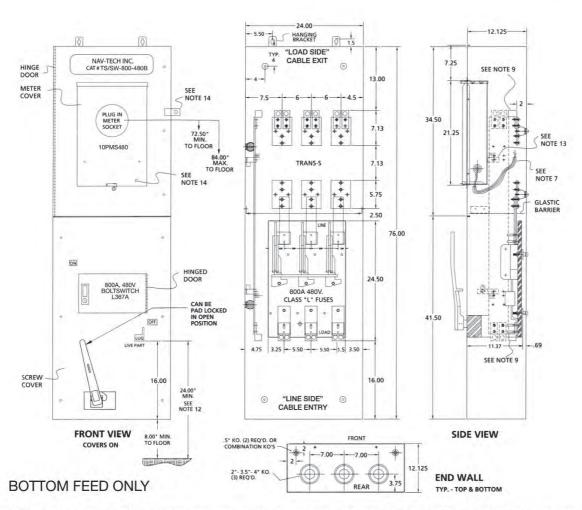
- 1. CABINET SHALL BE RATED NEMA I (INDOOR ONLY) AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- 3. BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS. SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL, CON EDISON AND N.Y.C. ADVISORY BOARD APPROVED.
- 4. THE CABINET IS INTENDED FOR CABLE ENTRY THROUGH BOTTOM AND EXIT THROUGH THE TOP ONLY..
- 5. THE SHORT CIRCUIT CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 200,000 RMS SYMMETRICAL AMPERES WITH CLASS "J" FUSES.
- THE FUSED POWER CIRCUIT DEVICE REQUIRES 800AMP, 250V MAX., CLASS "J" FUSES (NOT PROVIDED).
- INSULATED SLEEVING SHALL BE PROVIDED WHERE MULTICONDUCTOR BUNDLE PASSES UNDER NEUTRAL BAR. WIRE MOUNTS ARE RIVETED IN PLACE.
- 8. THE UNIT IS MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT"...

- USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. EACH SINGLE LUG IS RATED FOR (1) 600 MCM-#4 OR (2) 250MCM-#4 CABLE. EACH DOUBLE LUG ON SWITCH SIDE IS RATED FOR (2) 600MCM-#4 CABLE.
- 10. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH TO THE METERING COMPARTMENT INTO C.T. COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #751, FOR FORM 9S METER SOCKET.
- 12. NEAREST LIVE PARTS ARE 24" MINIMUM TO FLOOR.
- THE UNIT IS SHIPPED WITH AN "INSULATED NEUTRAL" AND A BOUNDING KIT ("BK8") PROVIDED WITH INSTRUCTIONS (FOR INSTALLATION AS REQUIRED BY CONTRACTOR).
- 14. SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE (TO BE INSTALLED BY CONTRACTOR).
- 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.



#### TRANS "S" AND SWITCH COMBINATION 800 AMP., 480 VOLT CON EDISON - LINE BOTTOM **CATALOG NUMBERS: TS/SW-800-480B**





- CABINET SHALL BE RATED NEMA I (INDOOR ONLY) AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIALS SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL, CON EDISON AND N.Y.C. ADVISORY BOARD APPROVED.
- 4. THE CABINET IS INTENDED FOR CABLE ENTRY THROUGH TOP AND EXIT THROUGH THE BOTTOM ONLY...
- THE SHORT CIRCUIT CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 200,000 RMS SYMMETRICAL AMPERES WITH CLASS "L" FUSES.
- THE FUSED POWER CIRCUIT DEVICE REQUIRES 800AMP, 250V MAX., CLASS "L" FUSES (NOT PROVIDED).
- INSULATED SLEEVING SHALL BE PROVIDED WHERE MULTICONDUCTOR BUNDLE PASSES UNDER NEUTRAL BAR. WIRE MOUNTS ARE RIVETED IN
- 8. THE UNIT IS MARKED "SUITABLE FOR USE AS SERVICE EQUIPMENT".

- USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. EACH SINGLE LUG IS RATED FOR (1) 600 MCM-#4 OR (2) 250MCM-#4 CABLE. EACH DOUBLE LUG ON SWITCH SIDE IS RATED FOR (2) 600MCM-#4 CABLE.
- 10. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 11. PROVIDE PREWIRED TRANS "S" UNIT WITH #12 AWG STRANDED (19/25) THHN COPPER COLOR CODED WIRE FROM THE TEST SWITCH TO THE SOCKET ASSEMBLY AND FROM THE TEST SWITCH TO THE METERING COMPARTMENT INTO C.T. COMPARTMENT. LEAVE 7 FT. OF WIRE FOR FUTURE CONNECTION TO CURRENT TRANSFORMERS. USE EITHER HOOK OR RING TYPE TINNED COPPER LUGS FOR TERMINATIONS. ALL WIRING IN ACCORDANCE WITH CON EDISON MES #751, FOR FORM 9S METER SOCKET.
- 12. NEAREST LIVE PARTS ARE 24" MINIMUM TO FLOOR.
- 13. THE UNIT IS SHIPPED WITH AN "INSULATED NEUTRAL" AND A BOUNDING KIT ("BK8") PROVIDED WITH INSTRUCTIONS (FOR INSTALLATION AS REQUIRED BY
- 14. SECURITY HARDWARE TO BE PROVIDED FOR CT CABINET DOOR AND METER ENCLOSURE (TO BE INSTALLED BY CONTRACTOR).
- 15. 265/460 VOLT SERVICE REQUIRES A DISCONNECT SWITCH BEFORE THE CT CABINET.



## LIPA / KEYSPAN EQUIPMENT



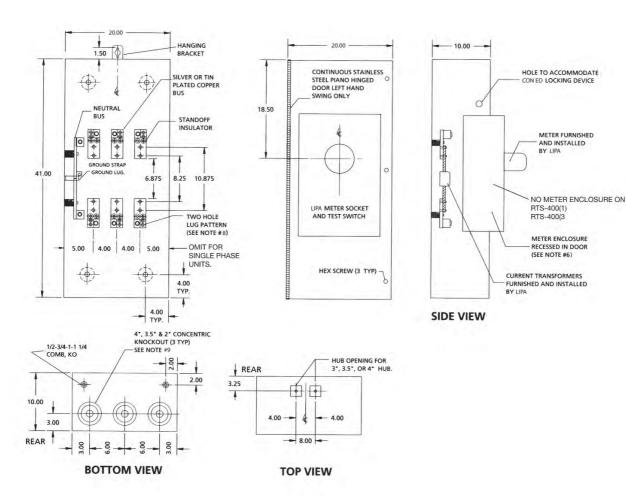




Con Ed Spec.	Navtech Cat. No	Size Description	Volts	Amps
TRANS-S	TS-400-208(1) LIPA	41x20x10	600	400
TRANS-S	TS-400-208(3) LIPA	41x20x10	600	400
TRANS-S	TS-400-208 SS LIPA	41x20x10	600	400
TRANS-S	TS-800-208(1) LIPA	48x24x10	600	800
TRANS-S	TS-800-208(3) LIPA	48x24x10	600	800
TRANS-S	TS-800-208 SS LIPA	48x24x10	600	800
6J-7PTS	MS7P-1L-LIPA	7 PT. METER SOCKET	600	30 AMF
13J-10PTS	MS10P-LIPA	10 PT. METER SOCKET	600	30 AMF
TRANS-S & REMOTE	RTS-400(1)	41x20x10	600	400
TRANS-S & REMOTE	RTS-400(3)	41x20x10	600	400
TRANS-S & REMOTE	RTS-800(1)	48x24x10	600	800
TRANS-S & REMOTE	RTS-800(3)	48x24x10	600	800
TRANS-S/ SWITCH	TS/SW-400-240T(3) LI	65x20x11	600	400
TRANS-S/ SWITCH	TS/SW-400-240B(3) LI	70x20x11	600	400
TRANS-S/ SWITCH	TS/SW-600-240T(3) LI	82x24x12	600	600
TRANS-S/ SWITCH	TS/SW-600-240B(3) LI	76x24x12	600	600
TRANS-S/ SWITCH	TS/SW-800-240T(3) LI	82x24x12	600	800
TRANS-S/ SWITCH	TS/SW-800-240B(3) LI	76x20x12	600	800
TRANS-S	TS400-AL350(1)	41x18x10	600	400

# LIPA 400 AMP TRANS "S" CURRENT TRANSFORMER CABINET (NEMA 3R) 200 AMP. & 400 AMP., 600V AC RATED CATALOG NUMBER TS-400-208(1) TS-400-208(3) RTS-400(1) RTS-400(3)



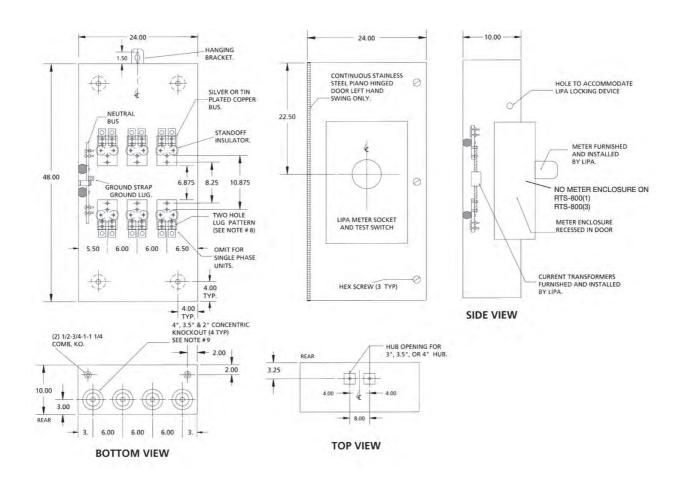


- CABINET SHALL BE RATED NEMA 3R AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANNEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIAL SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. CABINET SHALL BE UL APPROVED.
- 4. THE RIGHT HAND SIDE OF THE CABINET SHALL ALLOW FOR LINE AND LOAD CABLES TO ENTER AND EXIT THROUGH THEN TOP OR THE BOTTOM OF THE CABINET. THIS SPACE SHALL ALLOW FOR THE CABLES TO MEET THE MINIMUM BENDING RADIUS TO NEAREST PHASE OR NEUTRAL BUS AS PER THE NEC.
- 5. THE SHORT CIRCUIT WITHSTAND CAPABILITY OF THE CABINET ASSEMBLY SHALL BE A MAXIMUM OF 50,000 RMS SYMMETRICAL AMPERES.
- 6. CABINET DESIGN SHALL HAVE PROVISIONS FOR A SOLID DOOR TO ALLOW FOR THE METER ENCLOSURE TO BE MOUNTED REMOTELY FROM THE CABINET.
- 7. MANUFACTURER SHALL FURNISH AND INSTALL \_-13 STUDS WITH SPLIT LOCK WASHERS AND HEX NUTS FOR CT MOUNTING.
- USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. EACH LUG IS RATED FOR (1) 600MCM-#4 OR (2) 250MCM-#4 CABLES:
- ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- PROVIDE PREWIRED TRANS "S" UNIT IN ACCORD WITH LIPA CONSTRUCTION STANDARD: #8908A FOR SINGLE PHASE, 3 WIRE FORM 4S, OR CONSTRUCTION STANDARD #8509A FOR 3 PHASE, 4 WIRE WYE FORM 9S METER SOCKET.



# LIPA 800 AMP TRANS "S" CURRENT TRANSFORMER CABINET (NEMA 3R) 800 AMP., 600V AC RATED CATALOG NUMBER TS-800-208(1) TS-800-208(3) RTS-800(1) RTS-800(3)





- CABINET SHALL BE RATED NEMA 3R AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANNEALED STEEL.
- 2. BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER THE NEC.
- 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. CABINET SHALL BE UL APPROVED.
- 4. THE RIGHT HAND SIDE OF THE CABINET SHALL ALLOW FOR LINE AND LOAD CABLES TO ENTER AND EXIT THROUGH THE BOTTOM OF THE CABINET. THIS SPACE SHALL ALLOW FOR THE CABLES TO MEET THE MINIMUM BENDING RADIUS TO NEAREST PHASE OR NEUTRAL BUS AS PER THE NEC.
- 5. THE SHORT CIRCUIT WITHSTAND CAPABILITY OF THE CABINET ASSEMBLY SHALL BE A MAXIMUM OF 50,000 RMS SYMMETRICAL AMPERES.
- 6. CABINET DESIGN SHALL HAVE PROVISIONS FOR A SOLID DOOR TO ALLOW FOR THE METER ENCLOSURE TO BE MOUNTED REMOTELY FROM THE CABINET.
- 7. MANUFACTURER SHALL FURNISH AND INSTALL 1/2-13 STUDS WITH SPLIT LOCK WASHERS AND HEX NUTS FOR CT MOUNTING.
- 8. USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. 2 LUGS/PER TERMINAL, EACH RATED FOR (1) 600 MCM-#4 OR (2) 250 MCM-#4 CABLE.
- 9. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- PROVIDE PREWIRED TRANS "S" UNIT IN ACCORD WITH LIPA CONSTRUCTION STANDARD: #8908A FOR SINGLE PHASE, 3 WIRE FORM 4S, OR CONSTRUCTION STANDARD #8509A FOR 3 PHASE, 4 WIRE WYE FORM 9S METER SOCKET.

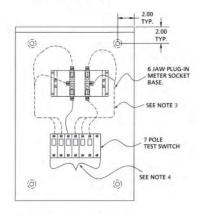


#### **LIPA METER SOCKET AND TEST SWITCH** (1 AND 3 PHASE)

30 AMP. CONT., 600V AC RATED (NEMA 3R)



#### **SINGLE PHASE**

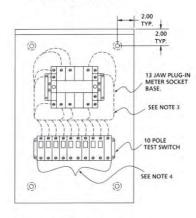


FRONT VIEW NO COVER MS7P-TS

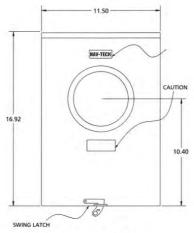


SIDE VIEW

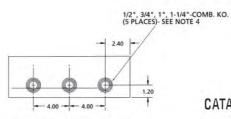
#### **THREE PHASE**



FRONT VIEW NO COVER MS10P-TS



**TYPICAL FRONT VIEW** 



TYPICAL BOTTOM VIEW





- 1. CABINET SHALL BE RATED NEMA 3R AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANNEALED STEEL.
- 2. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- 3. STANDARD #8909A FOR 1 PHASE 3 WIRE FORM 45 METER SOCKET, AND STANDARD #8509A FOR 3 PHASE 4 WIRE WYE FORM 9S METER SOCKET, IS PROVIDED PREWIRED FROM TEST SWITCH TO METER BASE IN ACCORD WITH
- 4. WIRE PROVIDED AND INSTALLED BY CONTRACTOR.



# ORANGE & ROCKLAND EQUIPMENT



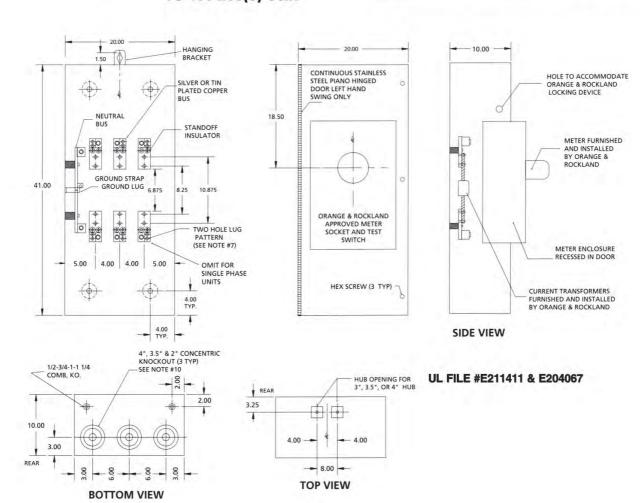


O & R Spec	Navtech Cat. Number	Size Description	Volts	AMPS
TRANS-S	TS-400-208OR1	41x20x10	240	400
TRANS-S	TS-400-208OR3	41x20x10	240	400
TRANS-S	TS-800-208OR1	48x24x10	240	800
TRANS-S	TS-800-208OR3	48x24x10	240	800
	MS7POR			30 AMP (CONT)
	MS10POR			30 AMP (CONT)

#### ORANGE & ROCKLAND 400 AMP TRANS "S" CURRENT TRANSFORMER CABINET (NEMA 3R) 200 AMP. 400 AMP., 240V AC RATED

CATALOG NUMBER: TS-400-208(1) O&R TS-400-208(3) O&R





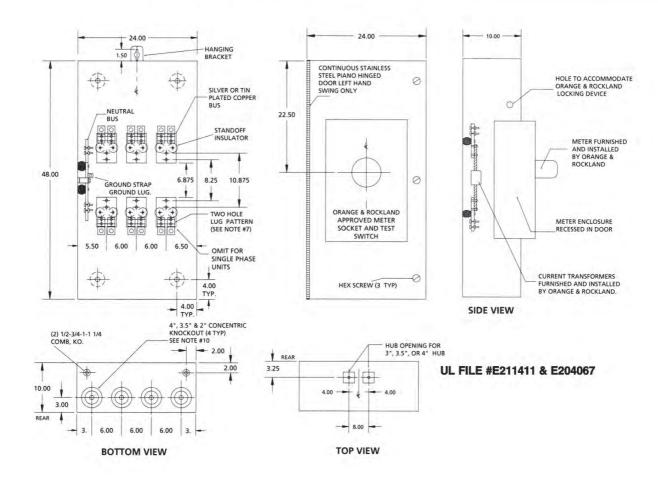
- CABINET SHALL BE RATED NEMA 3R AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANNEALED STEEL..
- BUS BAR SHALL BE MOUNTED IN THE CABINET BY MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIAL SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. THE CABINET SHALL BE UL APPROVED.
- BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER NEC.
- 4. THE RIGHT SIDE OF THE CABINET SHALL ALLOW THE LINE AND THE LOAD CABLE TO ENTER AND EXIT THROUGH THE TOP OR BOTTOM OF THE CABINET. THIS SPACE SHALL ALLOW FOR THE CABLES TO MEET THE MINIMUM BENDING RADIUS TO THE NEAREST PHASE OR NEUTRAL BUS AS PER NEC.
- 5. THE SHORT WITHSTAND CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 50,000 RMS SYMMETRICAL AMPERES.

- 6. MANUFACTURER SHALL FURNISH AND INSTALL \_-13 STUDS WITH SPLIT LOCK WASHERS AND HEX NUTS FOR CT MOUNTING.
- 7. USE ONLY MANUFACTURE'S APPROVED LUG PROVIDED. EACH LUG IS RATED FOR (1) 600 MCM-#44 OR (2) 250 MCM-#4 CABLES.
- ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- PROVIDED PREWIRED TRANS "S" UNIT IN ACCORD WITH ORANGE & ROCKLAND SPECIFICATIONS. CONTACT YOUR LOCAL NEW BUSINESS GROUP FOR INSTALLATION.
- 10. THESE DEVICES MAY BE UTILIZED ON 240 VOLT SERVICES AND 4 WIRE DELTA SERVICES ONLY.
- 11. USE #10 THHN STRANDED WIRE COLOR CODED. ALL WIRING IN ACCORDANCE WITH O&R SPECIFICATIONS.
- 12. ALL METER FORMS MUST CONFORM TO ORANGE & ROCKLAND SPEC. AND WILL BE LABELED AS SUCH.
- 13. ALL CABINETS WILL BE PROVIDED WITH A HOOK TO BE USED AS A DOOR STOP.
- 14. EACH UNIT WILL BE PROVIDED WITH A BARREL LOCK GUARD AND LOCK NUT.



# ORANGE & ROCKLAND 800 AMP TRANS "S" CURRENT TRANSFORMER CABINET (NEMA 3R) 600 AMP. 800 AMP., 240V AC RATED CATALOG NUMBER: TS-800-208(1) O&R TS-800-208(3) O&R





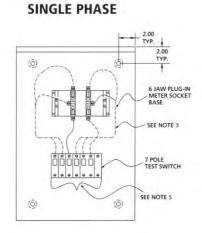
- 1. CABINET SHALL BE RATED NEMA 3R AND SHALL BE CONSTRUCTED FROM CODED GAUGE GALVANIZED OR GALVANNEALED STEEL.
- BUS BAR SHALL BE SILVER OR TIN PLATED AND SHALL BE SIZED PER NEC.
- 3. BUS BAR SHALL BE MOUNTED IN THE CABINET BY THE MEANS OF STANDOFF INSULATORS OR INSULATED MOUNTING BRACKETS. INSULATING MATERIAL SHALL CONFORM TO THE APPLICABLE SECTIONS OF UL 746 AND UL 94. THE CABINET SHALL BE UL APPROVED.
- 4. THE RIGHT HAND SIDE OF THE CABINET SHALL ALLOW FOR THE LINE AND THE LOAD CABLES TO ENTER AND EXIT THROUGH THE BOTTOM OF THE CABINET. THIS SPACE SHALL ALLOW FOR THE CABLES TO MEET THE MINIMUM BENDING RADIUS TO THE NEAREST BUS AS PER NEC.
- 5. THE SHORT CIRCUIT WITHSTAND CAPABILITY OF THE CABINET ASSEMBLY SHALL BE RATED AT 50,000 RMS SYMMETRICAL AMPERES.

- MANUFACTURER SHALL FURNISH AND INSTALL \_ 13 STUDS WITH SPLIT LOCK WASHERS AND HEX NUTS FOR CT MOUNTING.
- USE ONLY MANUFACTURER'S APPROVED LUG PROVIDED. TWO LUGS PER TERMINAL, EACH RATED FOR (1) 600 MCM-#4 OR (2) 250 MCM -#4 CABLE.
- 8. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- PROVIDED PREWIRED TRANS "S" UNIT IN ACCORD WITH ORANGE & ROCKLAND SPECIFICATIONS. CONTACT YOUR LOCAL NEW BUSINESS GROUP FOR INSTALLATION.
- 10. THESE DEVICES MAY BE UTILIZED ON 240 VOLT SERVICES AND 4 WIRE DELTA SERVICES ONLY.
- 11. USE #10 THNN STRANDED WIRE COLOR CODED. ALL WIRING IN ACCORDANCE WITH O&R SPECIFICATIONS.
- 12. ALL METER FORMS MUST CONFORM TO ORANGE & ROCKLAND SPEC. AND WILL BE LABELED AS SUCH.
- 13. ALL CABINETS WILL BE PROVIDED WITH A HOOK TO BE USED AS A DOOR STOP.
- 14. EACH UNIT WILL BE PROVIDED WITH A BARREL LOCK GUARD AND LOCK NUT.

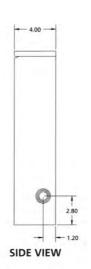


#### ORANGE & ROCKLAND METER SOCKET AND TEST SWITCH (1 AND 3 PHASE 30 AMP. CONT., 240V AC RATED (NEMA 3R)

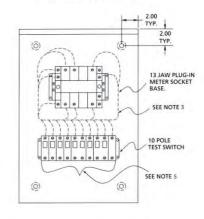




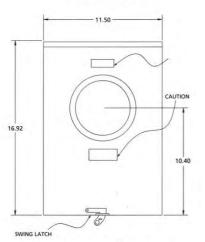
FRONT VIEW NO COVER MS 7P - OR



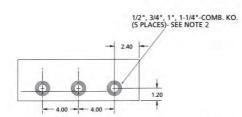
**THREE PHASE** 



FRONT VIEW NO COVER MS 10P - OR



TYPICAL FRONT VIEW



TYPICAL BOTTOM VIEW

CATALOG NUMBERS MS10P-OR MS7P-OR

- CABINET SHALL BE RATED NEMA 3R AND SHALL BE CONSTRUCTED FROM CODE GAUGE GALVANIZED OR GALVANNEALED STEEL.
- 2. ONLY FACTORY PREFABRICATED KNOCKOUTS ON THE ENCLOSURE SHALL BE USED.
- PREWIRED TEST SWITCH METER SOCKET TO ORANGE & ROCKLAND SPECIFICATIONS
- THESE DEVICES TO BE USED ON 240 VOLT SERVICES AND 4 WIRE DELTA SERVICES ONLY
- 5. WIRE PROVIDED AND INSTALLED BY CONTRACTOR.







### **SCREW COVER BOXES**

Catalog	Size
No.	
SC663	6x6x3
4" DEEP	4" DEEP
SC664 *	6x6x4
SC864	8x6x4
SC884 *	8x8x4
SC10104*	10x10x4
SC12124*	12x12x4
SC18124	18x12x4
SC18184	18x18x4
SC24244*	24x24x4
6" DEEP	6" DEEP
SC666 *	6x6x6
SC886 *	8x8x6
SC10106*	10x10x6
SC12126*	12x12x6
SC16166	16x16x6
SC18126	18x12x6
SC18186	18x18x6
SC24246*	24x24x6
SC30306*	30x30x6
SC36366*	36x36x6

Catalog	Size
No.	
8" DEEP	8" DEEP
SC10108*	10x10x8
SC12128*	12x12x8
SC18188	18x18x8
SC24128	24x12x8
SC24188	24x18x8
SC24248*	24x24x8
SC30248	30x24x8
SC30308*	30x30x8
SC36368 *	36x36x8
10" DEEP	10" DEEP
SC181810	18x18x10
SC242410*	24x24x10
SC362410	36x24x10
SC363610*	36x36x10
12" DEEP	12" DEEP
SC181812*	18x18x12
SC242412*	24x24x12
SC302412	30x24x12
SC303012*	30x30x12
SC363612*	36x36x12
SC484812	48x48x12
18" DEEP	18" DEEP
SC303018	30x30x18
SC363618	36x36x18

- . \*Means stocked with and without KO'S
- . All boxes 8" and above are stocked no KO'S
- All boxes ASA61 powder coat finish
- All boxes are available galv. no paint special order

#### **CUSTOM SIZES AVAILABLE UPON REQUEST**

# SCREW COVER WIREWAYS & FITTINGS



2 ½ X 2 ½		
Description	Catalog No.	
Length – 1'	T221	
Length – 2'	T222	
Length – 3'	T223	
Length – 4'	T224	
Length – 5'	T225	
Connector	T2C	
End Wall	T2E	
Panel Adapter	T2PA	
Elbow – 90	T290	
Elbow – 45	T245	
Tee	T2T	
Cross	T2X	

6 X 6		
Description	Catalog No.	
Length – 1'	T661	
Length - 2'	T662	
Length - 3'	T663	
Length - 4'	T664	
Length - 5'	T665	
Connector	T6C	
End Wall	T6E	
Panel Adapter	T6PA	
Elbow – 90	T690	
Elbow – 45	T645	
Tee	T6T	
Cross	T6X	
Reducer 6 - 4	TR6	

10 X 10	
Description	Catalog No.
Length – 1'	T10101
Length – 2'	T10102
Length - 3'	T10103
Length – 4'	T10104
Length – 5'	T10105
Connector	T10C
End Wall	T10E
Panel Adapter	T10PA
Elbow – 90	T1090
Elbow – 45	T1045
Tee	T10T
Cross	T10X
Reducer 10 - 8	TR10

4 X 4	
Description	Catalog No.
Length – 1'	T441
Length - 2'	T442
Length - 3'	T443
Length - 4'	T444
Length - 5'	T445
Connector	T4C
End Wall	T4E
Panel Adapter	T4PA
Elbow – 90	T490
Elbow – 45	T445
Tee	T4T
Cross	T4X
Reducer 4 - 2	TR4

8 X 8	
Description	Catalog No.
Length – 1'	T881
Length – 2'	T882
Length - 3'	T883
Length – 4'	T884
Length - 5'	T885
Connector	T8C
End Wall	T8E
Panel Adapter	T8PA
Elbow – 90	T890
Elbow – 45	T845
Tee	T8T
Cross	T8X
Reducer 8 - 6	TR8

12 X 12	
Description	Catalog No.
Length – 1'	T12121
Length – 2'	T12122
Length – 3'	T12123
Length – 4'	T12124
Length – 5'	T12125
Connector	T12C
End Wall	T12E
Panel Adapter	T12PA
Elbow – 90	T1290
Elbow – 45	T1245
Tee	T12T
Cross	T12X
Reducer 12 - 10	TR12



### **WIREWAYS & FITTINGS**



45° Elbow



**End Wall** 



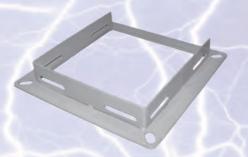
90° Elbow



**Tee Fitting** 



**Cross Fitting** 



**Panel Adapter** 



Coupling



### WEATHERPROOF SCREW COVER BOXES

CAT NO.	Size
WPSC664*	6x6x4
WPSC864	8x6x4
WPSC884*	8x8x4
WPSC10104*	10x10x4
WPSC12124*	12x12x4
WPSC18184	18x18x4
WPSC666	6x6x6
WPSC886*	8x8x6
WPSC10106	10x10x6
WPSC12126*	12x12x6
WPSC18186	18x18x6
WPSC24246	24x24x6
WPSC24248*	24x24x8
WPSC242412	24x24x12
WPSC303012	30x30x12
WPSC363612	36x36x1
WPSC484812	48x48x12

- Galvanized Steel
- Seams Continuously Welded
- Gasketed Covers
- Stainless Steel screws available
- Mounting Ears
- Powder-coated gray finish

### RAINTIGHT SCREW COVER BOXES

Catalog No.	Size
RTSC664	6x6x4
RTSC884	8x8x4
RTSC10104	10x10x4
RTSC12124	12x12x4
RTSC886	8x8x6
RTSC10106	10x10x6
RTSC12126	12x12x6
RTSC18186	18x18x6
RTSC24248	24x24x8



<sup>\*</sup>Are also stocked in Type 304 Stainless Steel



### **HINGE COVER BOXES NEMA 1**

Catalog No.	Size
HC664	6x6x4
HC884	8x8x4
HC10104	10x10x4
HC12124	12x12x4
HC18124	18x12x4
HC12126	12x12x6
HC18186	18x18x6
HC24248	24x24x8





### **FIRE ALARM CUTOUT BOX**

Catalog No.	Size	Description
FAB864	8x6x4	3P 30 Amp Fuseholder
FAB884	8x8x4	4P 30 Amp Fuseholder
RTFAB884	8x8x4	4P 30 Amp Fuseholder 3R
FAB12124	12x12x4	3P 60 Amp Fuseholder
FABD	10½ x 6 x 3½	2P 30 Amp Switch
FABD3	10½ x 6 x 3½	3P 30 Amp Switch
FABD360	14 x 8½ x 4	3P 60 Amp Switch









- HINGE COVER BOX
- CAM LOCK WITH CAT. 45 KEY
- MOUNTED IN BOX
  - A. 3-POLE 250 VOLT FUSE HOLDER
  - B. SOLID REMOVABLE COPPER NEUTRAL
- ELECTROSTATICALLY APPLIED POWDER COAT RED FINISH
- OTHER SIZES AND CONFIGURATIONS ARE AVAILABLE UPON REQUEST
- ALL BOXES AND FUSEHOLDERS



### **RAINTIGHT TROUGH**



Catalog No.	Size
WPT441	4X4-12
WPT442	4X4-24
WPT443	4X4-36
WPT444	4X4-48
WPT445	4X4-60
WPT661	6X6-12
WPT662	6X6-24
WPT663	6X6-36
WPT664	6X6-48
WPT665	6X6-60
WPT881	8X8-12
WPT882	8X8-24
WPT883	8X8-36
WPT884	8X8-48
WPT885	8X8-60
WPT10103	10X10-36
WPT10105	10X10-60
WPT12123	12X12-36
WPT12125	12X12-60

### **WEATHERPROOF TROUGH**



## TYPE 4X ENCLOSURES STAINLESS STEEL TYPE 304

## TYPE 4X STAINLESS STEEL JIC CLAMP COVER BOXES

- Without Mounting Panels
- Also available in type 316
- Other sizes available

Catalog No.	Size
CH664-4X	6x6x4
CH884-4X	8x8x4
CH10104-4X	10x10x4
CH12124-4X	12x12x4
CH12126-4X	12x12x6
CH18186-4X	18x18x6

## TYPE 4X STAINLESS STEEL JIC CONTINUOUS STEEL ENCLOSURES

Catalog No.	Size
C664-4X	6x6x4
C884-4X	8x8x4
C10104-4X	10x10x4
C12124-4X	12x12x4
C12126-4X	12x12x6
C18186-4X	18x18x6



# WIREWAY

## COVERS ONLY COVERS ONLY S.C. BOXES

Catalog No.	Description
TC221	Trough Cover 2x2x1
TC222	Trough Cover 2x2x2
TC223	Trough Cover 2x2x3
TC224	Trough Cover 2x2x4
TC225	Trough Cover 2x2x5
TC441	Trough Cover 4x4x1
TC442	Trough Cover 4x4x2
TC443	Trough Cover 4x4x3
TC444	Trough Cover 4x4x4
TC445	Trough Cover 4x4x5
TC661	Trough Cover 6x6x1
TC662	Trough Cover 6x6x2
TC663	Trough Cover 6x6x3
TC664	Trough Cover 6x6x4
TC665	Trough Cover 6x6x5
TC881	Trough Cover 8x8x1
TC882	Trough Cover 8x8x2
TC883	Trough Cover 8x8x3
TC884	Trough Cover 8x8x4
TC885	Trough Cover 8x8x5
TC10101	Trough Cover 10x10x1
TC10102	Trough Cover 10x10x2
TC10103	Trough Cover 10x10x3
TC10104	Trough Cover 10x10x4
TC10105	Trough Cover 10x10x5
TC12121	Trough Cover 12x12x1
TC12122	Trough Cover 12x12x2
TC12123	Trough Cover 12x12x3
TC12124	Trough Cover 12x12x4
TC12125	Trough Cover 12x12x5

Catalog No.	Description
CO66	Cover Only 6x6
CO86	Cover Only 8x6
CO88	Cover Only 8x8
CO1010	Cover Only 10x10
CO1212	Cover Only 12x12
CO1616	Cover Only 16x16
CO1812	Cover Only 18x12
CO1815	Cover Only 18x15
CO1818	Cover Only 18x18
CO2412	Cover Only 24x12
CO2418	Cover Only 24x18
CO2424	Cover Only 24x24
CO3018	Cover Only 30x18
CO3024	Cover Only 30x24
CO3030	Cover Only 30x30
CO3624	Cover Only 36x24
CO3630	Cover Only 36x30
CO3636	Cover Only 36x36
CO4836	Cover Only 48x36
CO4848	Cover Only 48x48
CON-205	Cover Only N-205 10x10x5
CON-215	Cover Only N-215 24x12x8
CON-484	Cover Only N-484 30x18x12







# GANG BOXES 1 5/8" DEEP (1/2" & 3/4" KNOCKOUTS)

Catalog No.	Depth	Length	Cubic Inch Capacity	Knockout Sides	Knockout Ends	Knockout Bottoms
2G	1 5/8	7	46	8	4	4 2
3G	1 5/8	8 7/8	58.5	10	4	6 4
4G	1 5/8	10 5/8	71	12	4	6 4
5G	1 5/8	12 1/2	84	14	4	6 4
6G	1 5/8	14 1/4	95	16	4	6 4
7G	1 5/8	16 1/16	108.5	18	4	6 4
8G	1 5/8	17 7/8	122	20	4	6 4
9G	1 5/8	19 3/4	133.5	22	4	6 4

### GANG BOXES 2 1/2" DEEP



Available in both 1/2-3/4 and 3/4-1 KO Configurations

Catalog No.	Depth	Length	Cubic Inch Capacity	Knockout Sides	Knockout Ends	Knockout Bottoms
2GD-1/2	2 1/2	7	71	8	4	4 2
3GD-1/2	2 1/2	8 7/8	90.5	10	4	6 4
4GD-1/2	2 1/2	10 5/8	111.8	12	4	6 4
5GD-1/2	2 1/2	12 1/2	128.7	14	4	6 4
6GD-1/2	2 1/2	14 1/4	148.2	16	4	6 4
7GD-1/2	2 1/2	16 1/16	169.5	18	4	6 4
8GD-1/2	2 1/2	17 7/8	188.8	20	4	6 4
9GD-1/2	2 1/2	19 3/4	208.8	22	4	6 4
2GD-3/4	2 1/2	7	71	8	4	4 2
3GD-3/4	2 1/2	8 7/8	90.5	10	4	6 4
4GD-3/4	2 1/2	10 5/8	111.8	12	4	6 4
5GD-3/4	2 1/2	12 1/2	128.7	14	4	6 4
6GD-3/4	2 1/2	14 1/4	148.2	16	4	6 4
7GD-3/4	2 1/2	16 1/16	169.5	18	4	6 4
8GD-3/4	2 1/2	17 7/8	188.8	20	4	6 4
9GD-3/4	2 1/2	19 3/4	208.8	22	4	6 4

## Raised Covers



### 1/2" Raised Covers

Part#	# of Gangs	Cubic Inch	Description	Length Capacity
2G-1/2	2	8.1	Fits 2 Gang Box	7
3G-1/2	3	11.7	Fits 3 & 2 Gang Box	8-13/16
4G-1/2	4	14.9	Fits 4 & 3 Gang Box	10-5/8
5G-1/2	5	17.5	Fits 5 & 4 Gang Box	12-7/16
6G-1/2	6	20.4	Fits 6 & 5 Gang Box	14-1/4
7G-1/2	7	24.1	Fits 7 & 6 Gang Box	16-1/16
8G-1/2	8	26.9	Fits 8 & 7 Gang Box	17-7/8
9G-1/2	9	31.8	Fits 9 & 8 Gang Box	19-11/16

### 3/4" Raised Covers

Part#	# of Gangs	Cubic Inch	Description	Length Capacity
2G-3/4	2	11.2	Fits 2 Gang Box	7
3G-3/4	3	17.1	Fits 3 & 2 Gang Box	8-13/16
4G-3/4	4	21.6	Fits 4 & 3 Gang Box	10-5/8
5G-3/4	5	26.2	Fits 5 & 4 Gang Box	12-7/16
6G-3/4	6	30.5	Fits 6 & 5 Gang Box	14-1/4
7G-3/4	7	36.1	Fits 7 & 6 Gang Box	16-1/16
8G-3/4	8	41.3	Fits 8 & 7 Gang Box	17-7/8
9G-3/4	9	46.3	Fits 9 & 8 Gang Box	19-11/16

### 1" Raised Covers

Part#	# of Gangs	Cubic Inch	Description	Length Capacity
2G-1"	2	16.2	Fits 2 Gang Box	7
3G-1"	3	23.4	Fits 3 & 2 Gang Box	8-13/16
4G-1"	4	29.8	Fits 4 & 3 Gang Box	10-5/8
5G-1"	5	35.00	Fits 5 & 4 Gang Box	12-7/16
6G-1"	6	40.8	Fits 6 & 5 Gang Box	14-1/4
7G-1"	7	48.2	Fits 7 & 6 Gang Box	16-1/16
8G-1"	8	53.8	Fits 8 & 7 Gang Box	17-7/8
9G-1"	9	63.2	Fits 9 & 8 Gang Box	19-11/16



## Gang Box Collars (1/2" & 3/4" knockouts)

## Gang Box Collars 2 5/8" Deep



Part#	Length	Cubic Inch Capacity	Knockouts Sides	Knockouts Ends
COLL158-2	7	46.0	8	4
COLL158-3	8 7/8	58.5	10	4
COLL158-4	10 5/8	71.0	12	4
COLL158-5	12 1/2	84.0	14	4
COLL158-6	14 1/4	95.0	16	4
COLL158-7	16 1/16	108.5	18	4
COLL158-8	17 7/8	122.0	20	4
COLL158-9	19 3/4	133.5	22	4

## Gang Box Collars 2 1/2" Deep

Part#	Length	Cubic Inch Capacity	Knockouts Sides	Knockouts Ends
COLL212-2	7	71.0	8	4
COLL212-3	8 7/8	90.5	10	4
COLL212-4	10 5/8	111.82	12	4
COLL212-5	12 1/2	128.7	14	4
COLL212-6	14 1/4	148.2	16	4
COLL212-7	16 1/16	169.5	18	4
COLL212-8	17 7/8	188.8	20	4
COLL212-9	19 3/4	208.8	22	4



### **Flat Blank Covers**

Part#	# of Gangs	Description	Length Capacity
2G-FB	2	Fits 2 Gang Box	7
3G-FB	3	Fits 3 Gang Box	8 13/16
4G-FB	4	Fits 4 Gang Box	10 5/8
5G-FB	5	Fits 5 Gang Box	12 7/16
6G-FB	6	Fits 6 Gang Box	14 1/4
7G-FB	7	Fits 7 Gang Box	16 1/16
8G-FB	8	Fits 8 Gang Box	17 7/8
9G-FB	9	Fits 9 Gang Box	19 11/16

## **Toggle Switch Covers**

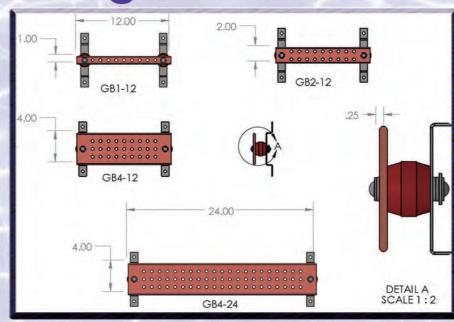
Part#	# of Gangs	Description	Length Capacity
2G-T	2	Fits 2 Gang Box	7
3G-T	3	Fits 3 Gang Box	8 13/16
4G-T	4	Fits 4 Gang Box	10 5/8
5G-T	5	Fits 5 Gang Box	12 7/16
6G-T	6	Fits 6 Gang Box	14 1/4
7G-T	7	Fits 7 Gang Box	16 1/16
8G-T	8	Fits 8 Gang Box	17 7/8
9G-T	9	Fits 9 Gang Box	19 11/16

## **Gang Box Partitions**

Part#	Description
PART158-SQ	Fits 1 5/8" Deep Gang Box - No Rise on Cover-Flat
PART158-12	Fits 1 5/8" Deep Gang Box - w/ 1/2" Cover Rise
PART158-34	Fits 1 5/8" Deep Gang Box - w/ 3/4" Cover Rise
PART212-SQ	Fits 2 1/2" Deep Gang Box - No Rise on Cover-Flat
PART212-12	Fits 2 1/2" Deep Gang Box - w/ 1/2" Cover Rise
PART212-34	Fits 2 1/2" Deep Gang Box - w/ 3/4" Cover Rise



## **Grounding Busbars**



Part#	Description
GB1-6	1"x 6" x 1/4" CU GROUND BAR
GB1-12	1"x 12" x 1/4" CU GROUND BAR
GB2-6	2"x 6" x 1/4" CU GROUND BAR
GB2-8	2"x 8" x 1/4" CU GROUND BAR
GB2-12	2"x 12" x 1/4" CU GROUND BAR
GB4-12	4"x 12" x 1/4" CU GROUND BAR
GB4-18	4"x 18" x 1/4" CU GROUND BAR
GB4-24	4"x 24" x 1/4" CU GROUND BAR

Our new Grounding Busbars are insulated ground bus mounting plates. The type 110 alloy solid copper ground bars are 1/4" thick and stand 2-1/2" from the backboard or wall. The 12" accepts 9 lugs and the 24 accepts 21 lugs. Accepting lugs with either 3/4", 1" or 1-3/4" centers. Any lug with 3/8" bolts may be used.

#### **Each Busbar consists of:**

- 1. Busbar
- 2. (2) Insulators
- 3. (2) Standoff Brackets 6. (4) Flat Washers
- 4. (4) Stainless Steel Bolts
- 5. (4) Lock Washers



## Accessories

**Barrel Lock Guard** 

**Minute Meter Guard** 

Cam Lock Cat 45 Key

**Key Locking Latch** 

Padlockable Handle

1" Hex Glastic Insulators 1/4"

1-1/4" Hex Glastic Insulators 1/4"

Round Glastic Insulators 3/8"

1-1/4" Hub

1-1/2" Hub

2" Hub

3" Hub 3-1/2" Hub

4" Hub

3" Top Cover Plate

5" Top Cover Plate



**Barrel Lock Guard** 



**Minute Meter Guard** 



Cam Lock Cat 45 Key

1/4" 1 - 1/4" 3/8"











**Key Locking Latch** 

**Padlocking Handle Glastic Insulators** 



Hubs



**Top Cover Plate** 

# NEMA 6P ENCLOSURE METALLIC HINGED COVER





Catalog No.	Dimensions					
6P664	6x6x4					
6P666	6x6x6					
6P668	6x6x8					
6P6610	6x6x10					
6P884	8x8x4					
6P886	8x8x6					
6P888	8x8x8					
6P8810	8x8x10					
6P10104	10x10x4					
6P10106	10x10x6					
6P10108	10x10x8					
6P101010	10x10x10					
6P12124	12x12x4					
6P12126	12x12x6					
6P12128	12x12x8					
6P121210	12x12x10					

## Wireway Fill Table

WIRE SIZE	WIRE AREAS (SQ. INCHES)			WIREWAY SIZE & MAXIMUM NUMBER OF WIRES								
	1	VIRE TYPES	S	2.5 x 2.5 1.25 sq. in. +			4 x 4 3.2 sq. in. +			6 x 6 7.2 sq. in. +		
	TFN THHN THWN (A)	XHHW (B)	T THW TW TF (C)	WIRE TYPES  (A) (B) (C)			WIRE TYPES			WIRE TYPES (A) (B) (C)		
14	.0087	.0131	.0135	143*	95*	92*	376*	244*	237*	827*	549*	533*
14 (THW)	-	-	.0206		100	60*	-	-	155*	- 12	140	349*
12	.0117	.0167	.0172	106*	74*	72*	273*	191*	186*	615*	431*	418*
12 (THW)	-	-	.0251	-	-	49*	-	-	-	127*	-	286*
10	.0184	.0216	.0224	67*	57*	55*	173*	148*	140*	391	333*	321*
10 (THW)	-	-	.0311	-	-	40*	-	-	102*		-	231*
8	.0373	.0456	.0408	33*	27	30	85*	70*	78*	193*	157*	176*
8 (THW)	÷		.0526	-		23	-	-	60*	-		137*
6	.0519	.0625	.0819	24	20	15	61*	51*	39*	138*	115*	87*
4	.0845	.0845	.1087	14	14	11	37*	37*	29	85*	85*	66*
3	.0995	.0995	.1263	12	12	9	32*	32*	25	72*	72*	57*
2	.1182	.1182	.1473	10	10	8	27	27	21	60*	60*	48*
1	.1590	.1590	.2027	7	7	6	20	20	15	45*	45*	35*
0	.1893	.1893	.2367	6	6	-	16	16	13	38*	38*	30
00	.2265	2265	2781	5	5	4	14	14	11	31*	31*	25
000	.2715	.2715	.3288	4	4	3	11	11	9	26	26	21
0000	.3278	.3278	.3904	3	3	3	9	9	8	21	21	18
250	.4206	.4206	.4877	2	2	2	7	7	6	17	17	14
300	.4669	.4669	.5581	2	2	2	6	6	5	15	15	12
350	.5307	.5307	.6291	2	2	1	6	6	5	13	13	11
400	.5931	.5931	6969	2	2	1	5	5	4	12	12	10
500	.7163	.7163	.8316	1	1	1	4	4	3	10	10	8

WIRE SIZE	WIRE AREAS (SQ. INCHES) WIRE TYPES			WIREWAY SIZE & MAXIMUM NUMBER OF WIRES  8 x 8 10 x 10 12 x 12								
				12.8 sq. in. +			20 sq. in. +			28.8 sq. in. +		
	TFN THHN THWN (A)	XHHW (B)	T THW TW TF (C)	WIRE TYPES (A) (B) (C)			WIRE TYPES (A) (B) (C)			WIRE TYPES (A) (B) (C)		
14	.0087	.0131	.0135	1471*	971*	948*	2298*	1526*	1481*	3310*	2198*	2133*
14 (THW)	-	-	.0206			621*	-	-	970*		-	1398*
12	.0117	.0167	.0172	1094*	766*	744*	1109*	1197*	1162*	2461*	1724*	1674*
12 (THW)		-	.0251	-		509*	-	-	796*	100	(m)	1147*
10	.0184	.0216	.0224	695*	592*	571*	1086*	925*	892*	1565*	1333*	1285*
10 (THW)	-	-	.0311		-	411*	-	-	643*		-	926*
8	.0373	.0456	.0408	343*	280*	313*	536*	438*	490*	772*	631*	705*
8 (THW)	-		.0526	-	-	243*	-	-	373*	-	170	547*
6	.0519	.0625	.0819	246*	204*	156*	385*	320*	244*	554*	460*	351
4	.0845	.0845	.1087	151*	151*	117*	236*	236*	183*	340*	340*	264*
3	.0995	.0995	.1263	128*	128*	101*	201*	201*	158*	289*	289*	228*
2	.1182	.1182	.1473	108*	108*	86*	169*	169*	135*	243*	243*	154*
1	.1590	.1590	.2027	80*	80*	63*	125*	125*	98*	181*	181*	142*
0	.1893	.1893	.2367	67*	67*	54*	105*	105*	84*	152*	152*	121*
00	.2265	.2265	2781	56*	56*	46*	88*	88*	71	127*	127*	103*
000	.2715	.2715	.3288	47*	47*	38*	73*	73*	60*	106*	106*	87*
0000	.3278	.3278	.3904	39*	39*	32*	61*	61*	51*	87*	87*	73*
250	.4206	.4206	.4877	30	30	26	47*	47*	41*	68*	68*	59*
300	.4669	.4669	.5581	27	27	22	42*	42*	35*	61*	61	51*
350	.5307	.5307	.6291	24	24	20	37*	37*	31*	54*	54*	45*
400	.5931	.5931	.6969	21	21	18	33*	33*	28	48*	48*	41*
500	.7163	.7163	.8316	17	17	15	27	27	24	40*	40*	34*

<sup>+</sup> The sq. in. figure represents 20% of the interior cross sectional area of the wireway. (See below 362-5 N.E.C.)

THE ABOVE WIREWAY FILL TABLE IS ONLY A GUIDE TO USERS. IT IS OUR INTERPRETATION OF THE CODE AND IN NO WAY SHOULD IT BE CONSIDERED AS AUTHORITATIVE.

<sup>\*</sup> These figures represent the maximum no. of conductors of a given size that may be installed in a wireway when conditions permit exceeding the maximum fill of 30 conductors as detailed below in "exception NO.2 N.E.C. para

N.E.C. 362-5 Number of conductors. Wireway shall not contain more than 30 current carrying conductors at any cross section. The sum of the cross-sectional areas of all contained conductors at any cross-section of a wireway shall not exceed 20% of the interior-cross sectional area of the wireway.

Exception NO.2 Conductors for signal circuits or controller conductors between a motor and its starter and used only for starting duty shall not be considered as current carrying conductors.