



**TRANSFER SWITCH  
OPTIONS**

- ENCLOSURE TYPE**
- NEMA 1
  - NEMA 2
  - c/w drip hood
  - NEMA 3R
  - NEMA 3S
  - NEMA 12
  - c/w dusting

- SIZE (AMPS)**
- 100A
  - 150A
  - 200A

- 2 POLE
- 3 POLE
- 4 POLE
- SOLID NEUTRAL

POWER SWITCHING DEVICES ARE MECHANICALLY INTERLOCKED SO THAT ONLY ONE DEVICE IS CLOSED AT A TIME. TRANSFER SWITCH OPTIONS SEE SCHEMATIC DIAGRAM.

**CONNECTION DATA**

- 100A ATIS:**
- UTILITY(SRC1): 1C #14-1/0 Cu/Al
  - PER PHASE
  - GEN(SRC2): 1C #14-1/0 Cu/Al
  - PER PHASE
  - LOAD: 1C #14-1/0 Cu/Al
  - PER PHASE
  - NEUTRAL: 1C #14-2/0 Cu/Al
  - PER SOURCE
  - GROUND: 3C #14-2/0 Cu/Al
- 150A ATIS:**
- UTILITY(SRC1): 1C #2-4/0 Cu/Al
  - PER PHASE
  - GEN(SRC2): 1C #2-4/0 Cu/Al
  - PER PHASE
  - LOAD: 1C #2-4/0 Cu/Al
  - PER PHASE
  - NEUTRAL: 1C #14-2/0Cu/Al
  - PER SOURCE
  - GROUND: 3C #14-2/0 Cu/Al
- 200A ATIS:**
- UTILITY(SRC1): 1C #6-350MCM Cu/Al
  - PER PHASE
  - GEN(SRC2): 1C #6-350MCM Cu/Al
  - PER PHASE
  - LOAD: 1C #6-350MCM Cu/Al
  - PER PHASE
  - NEUTRAL: 1C #6-350MCM Cu/Al
  - PER SOURCE
  - GROUND: 3C #14-2/0 Cu/Al

**SPECIAL REQUIREMENTS**

APPROVED FOR CONSTRUCTION. DRAWINGS SUBJECT TO CHANGE WITHOUT NOTICE.

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CUSTOMER ORDER NO.	WORK ORDER NO.
DRAWN BY: SH	DATE: 04-10-20
SH	REV: 3
DRAWING/PART NO.: 880M001	SHEET: 1/1

**2.5' x 5'**

**⚠ DANGER**

**PELIGRO**

Arc Flash and Shock Hazard  
VIM causes severe injury or death. Do not open equipment unless you are qualified and authorized. The equipment must be de-energized and locked out by qualified electrical personnel before work is performed. See instructions for proper use of this equipment.

**Requisitos de advertencias:**  
Las descargas eléctricas causan lesiones graves o la muerte. No abra el equipo sin haberse asegurado de que TODAS las fuentes de energía estén desactivadas y bloqueadas. Solo personal calificado y autorizado debe trabajar en este equipo. Consulte las instrucciones para el uso correcto del equipo. Lea y entienda las advertencias de seguridad antes de utilizar el equipo.

**WARNING**

TO ENSURE SAFETY OF PERSONNEL, DOOR MUST BE LOCKED WHEN USING THE "SERVICE DISCONNECT" SWITCH TO ISOLATE LOAD CIRCUITS.  
FASTEN DOOR SECURELY WITH SCREENS BEFORE LOCKING.

APPROVED FOR CONSTRUCTION

MASTER COPY     REFERENCE COPY    OF \_\_\_\_\_

MULTIPLE UNIT WORK ORDER

RELEASED FOR INFORMATION

AUTH. BY: SH    DATE: 05-11-16

REVISIONS	No.	DESCRIPTION
	1	REVISE 200A LUG INFORMATION
	2	REVISE TO TSC800 CONTROLLER
	3	UPDATE TITLEBLOCK, WARNING LABELS

**THOMSON TECHNOLOGY**

POWER & CONTROL  
A ROCKWELL AUTOMATION COMPANY

**AUTOMATIC TRANSFER SWITCH  
MODEL TS 880  
PHYSICAL LAYOUT & INSTALLATION DETAILS  
(TYPICAL)**