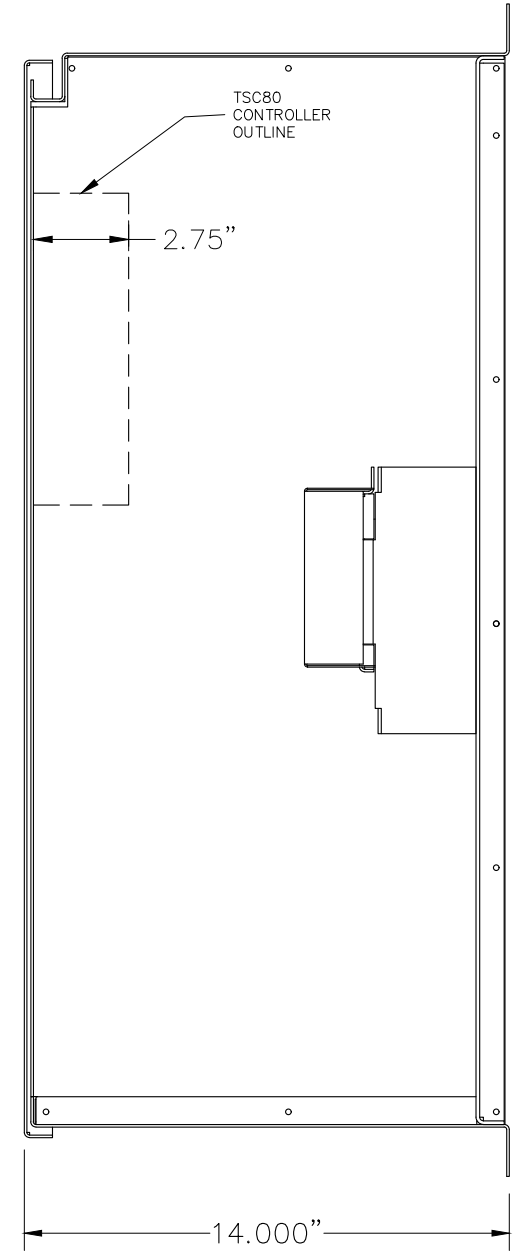
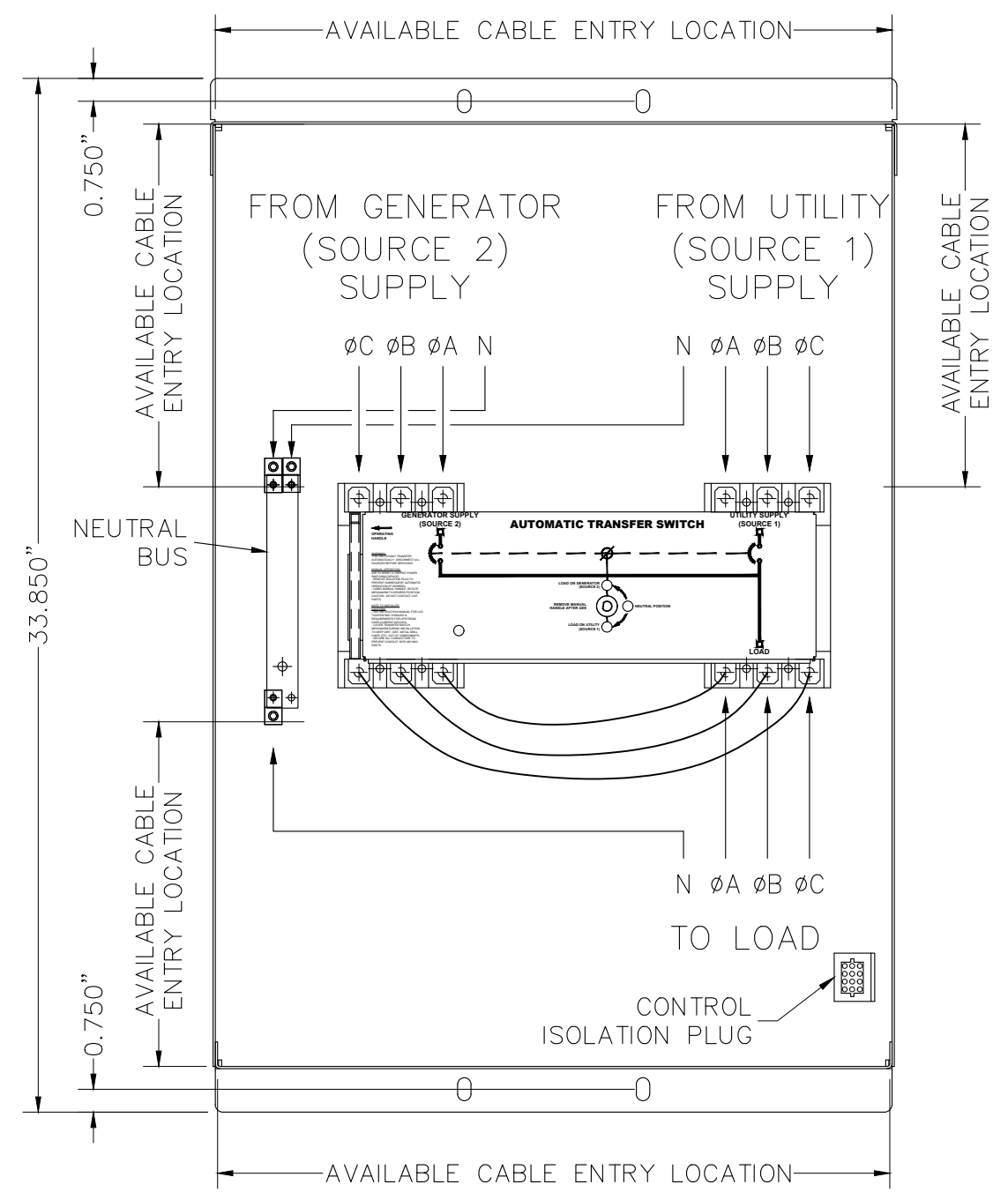


FRONT VIEW



RHS VIEW



INTERIOR FRONT VIEW  
(DOOR NOT SHOWN)

CABLE SIZES	ATS LOAD
#2	100A
2/0	150A
3/0	200A

NOTE: STANDARD CONFIGURATION SHOWN:  
3Ø/4W SYSTEM WITH SOLIDLY GROUNDED NEUTRAL

TRANSFER SWITCH OPTIONS

- ENCLOSURE TYPE
- NEMA 3R   
C/W GASKETING
- SIZE (AMPS)
- 100A   
150A   
200A
- 2 POLE   
3 POLE
- SOLID NEUTRAL

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

- CONNECTION DATA
- 100A ATS:  
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 ATS:  
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 #14-2/0MCM Cu/Al PER SOURCE  
GROUND: 3C #14-2/0 Cu/Al.
- 200A ATS:  
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

DRAWINGS AND/OR OTHER TECHNICAL INFORMATION SUPPLIED BY THOMSON POWER SYSTEMS AS A PART OF A SALE OF EQUIPMENT ARE FOR THE PURCHASER'S USE SOLELY IN CONJUNCTION WITH THAT EQUIPMENT, UNLESS SPECIFICALLY AGREED TO OTHERWISE AS A PART OF THE TERMS OF SALE.

2.5" x 5"

**⚠ DANGER PELIGRO**

Arc Flash and Shock Hazard

Risque d'Arc Electrique et d'Electrocution

Riesgo de Arco y Choque Electrico

FOIL LABEL (TYPICAL)  
BLACK LETTERS ON SILVER BACKGROUND

**WARNING**

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

APPROVED FOR CONSTRUCTION.  
DRAWINGS SUBJECT TO CHANGE WITHOUT NOTICE.

APPROVED FOR CONSTRUCTION

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

MULTIPLE UNIT WORK ORDER

RELEASED FOR INFORMATION

AUTH. BY: OG DATE: 07-06-26

DRAWING No.	REFERENCE DRAWINGS	No.	REVISIONS	BY	AUTH	DATE
		3	LOGO CHANGED	LR	OG	14-01-30
		2	UPDATED DIMENSIONS	BMG	OG	08-05-25
		1	FLIPPED PHASING ON GSD AND MOVED NEUTRAL BLOCK	BMG	OG	08-05-06



AUTOMATIC TRANSFER SWITCH  
MODEL TS 840  
PHYSICAL LAYOUT & INSTALLATION DETAILS  
(TYPICAL)

CUSTOMER	
CUSTOMER ORDER No.	WORK ORDER No.
DRAWN BY BMG	AUTH BY OG
DATE 08-03-05	REV 3
DRAWING/FILE No. 840M011	SHEET 1/1