



SERVICE ENTRANCE ATS - USD

CLOSING AND INTERRUPTING RATING AVAILABLE AMPS (RMS) CLOSING & INTERRUPTING RATINGS SHOWN ARE ONLY FOR ATS UTILITY AND/OR GENERATOR POWER SWITCHING DEVICE(S) THAT ARE FACTORY SUPPLIED WITH INTEGRAL OVERCURRENT PROTECTION. PLEASE REFER TO PRODUCT INSTRUCTION MANUAL FOR FURTHER INFORMATION ON UPSTREAM PROTECTION REQUIREMENT.

MAX. VOLTAGE	RATED CURRENT (A)	NO UPSTREAM OVERCURRENT PROTECTION REQUIRED		
		Ø240V	Ø480V	Ø600V
600	600	65,000	50,000	25,000

STANDARD ATS - GSD

CLOSING AND WITHSTAND RATING AVAILABLE AMPS (RMS) CLOSING & WITHSTAND RATINGS SHOWN ARE ONLY FOR ATS UTILITY AND/OR GENERATOR POWER SWITCHING DEVICE(S) THAT ARE NOT FACTORY SUPPLIED WITH INTEGRAL OVERCURRENT PROTECTION. PLEASE REFER TO PRODUCT INSTRUCTION MANUAL FOR FURTHER INFORMATION ON UPSTREAM PROTECTION REQUIREMENT.

MAX. VOLTAGE	RATED CURRENT (A)	NO UPSTREAM OVERCURRENT PROTECTION REQUIRED		
		Ø240V	Ø480V	Ø600V
600	600	65,000	50,000	35,000

CONNECTION DATA

600A ATS	UTILITY (SRC1)	1-2C, 2/0-500MCM Cu/Al PER PHASE
	GENERATOR (SRC2)	1-2C, 2/0-500MCM Cu/Al PER PHASE
	LOAD	1-2C, 2/0-500MCM Cu/Al PER PHASE
	NEUTRAL	1-2C, 2/0-500MCM Cu/Al PER SOURCE
	GROUND	6C, #6-250MCM Cu/Al

- GENERAL NOTES**
- POWER SWITCHING DEVICES ARE MECHANICALLY INTERLOCKED SO THAT ONLY ONE DEVICE IS CLOSED AT A TIME
 - ENCLOSURE FINISH : ASA #61 GREY
 - REFER PROJECT SPECIFIC OPTIONS LIST FOR SELECTED ENCLOSURE TYPE

2.5" x 5"

⚠ DANGER PELIGRO

Arc Flash and Shock Hazard
Will cause severe injury or death. More than one line circuit-breaker. Disconnect all sources of supply before servicing. This equipment must be installed and serviced only by qualified electrical personnel utilizing safe work practices and appropriate Personal Protective Equipment (PPE). Failure to comply may result in injury or death. Refer to NFPA 70E for minimum PPE requirements.

Risque d'Arc Electrique et d'Electrocution
Peut causer des blessures graves ou la mort. Plus d'un circuit sous tension - voir schéma. Couper toutes les sources d'alimentation avant de faire l'entretien et les réparations. Ce matériel doit être installé et entretenu uniquement par un électricien qualifié. Ce dernier doit connaître les protocoles de travail sécuritaires et porter l'équipement de protection individuelle approprié. Le non respect peut entraîner des blessures ou la mort. Reportez-vous à NFPA 70E pour le manuel des exigences minimales PPE.

Riesgo de Arco y Choque Eléctrico
Se causarán lesiones graves o muerte. Más de un circuito energizado - ver diagrama. Desconectar todas las fuentes de suministro antes de hacer mantenimiento. Este equipo solo se debe instalar y mantener por personal calificado, usando medidas de seguridad y equipo de protección personal adecuado. No seguir estas recomendaciones puede causar lesiones o muerte! Consultar la NFPA 70E para los requisitos mínimos del equipo de protección personal (PPE).

QTY = 1

FOIL LABEL
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.

QTY = 1

0.75" x 2" (TYPICAL)
WHITE LETTERS ON BLACK BACKGROUND

SD1
SERVICE DISCONNECT

QTY = 1

4.3SD
SERVICE DISCONNECT
ENERGIZED TRANSFER NEUTRAL DISCONNECTED

QTY = 1

APPROVED FOR CONSTRUCTION
 MASTER COPY REFERENCE COPY OF _____
 MULTIPLE UNIT WORK ORDER
 RELEASED FOR INFORMATION
 AUTH. BY: _____ DATE: _____

CROSS REFERENCE LEGEND

SOC-C-1

GRID COORDINATE

SHEET No. _____

DRAWING No.	REFERENCE DRAWINGS	No.	REVISIONS	BY/AUTH	DATE



**AUTOMATIC TRANSFER SWITCH
 MODEL TS 870
 PHYSICAL LAYOUT & INSTALLATION DETAILS
 600A, 2P/3P, NEMA 3R, DOUBLE DOOR, SE**

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.

CUSTOMER THOMSON POWER SYSTEMS

CUSTOMER ORDER No.	WORK ORDER No.
C-XXXXXX	W-XXXXXX

DRAWN BY	AUTH BY	DATE	REV
AP	OG	16-01-26	0

DRAWING/FILE No. MCS870M238 SHEET 10A