

TSC80 CONTROLLER
FACTORY SETTINGS

ENGINE START TIMER:	3	(0-60sec)
ENGINE WARM-UP TIMER:	2	(0-60sec)
ENGINE COOL DOWN TIMER:	2	(0-30min)
UTILITY RETURN TIMER:	2	(0-30min)
NEUTRAL DELAY TIMER:	3	(0-60sec)
TRANSFER FAIL TIMER:	30s	(FIXED)
EXERCISE TIMER:	30min/7Day	(FIXED)
UTIL U/V TIMER:	0s	(FIXED)
GENERATOR U/V TIMER:	3s	(FIXED)
GENERATOR U/F TIMER:	3s	(FIXED)
UTILITY U/V (DO):	85%	(70-95%)
UTILITY U/V (PU):	90%	(5% > DO)
GENERATOR U/V (DO):	85%	(70-95%)
GENERATOR U/V (PU):	90%	(5% > DO)
GENERATOR U/F:	90%	(70-90%)

ALL SETTINGS ARE FIELD ADJUSTABLE UNLESS NOTED

TRANSFER SWITCH
WIRING OPTIONS

ENCLOSURE HEATER EXT. PWR (TS-H1)

ENCLOSURE HEATER INT. PWR (TS-H2)

LOAD DISTRIBUTION BREAKERS REFER TO DWG 840E005 [QTY]

UTILITY SWITCHING DEVICE

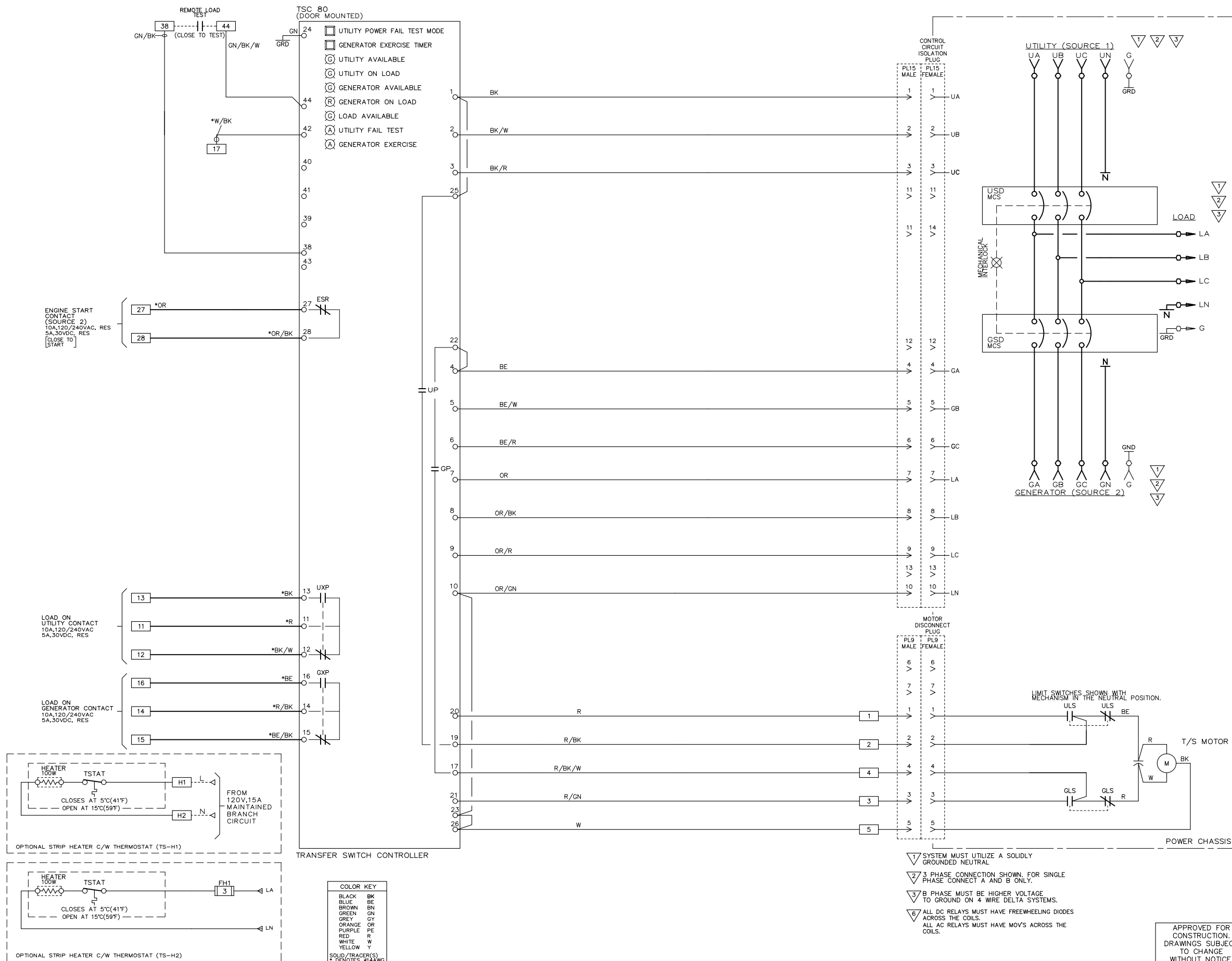
- MOLDED CASE SWITCH
- THERMAL MAGNETIC
- ELECTRONIC (LI)

POLES: _____
TRIP RATING: _____ A
WITHSTAND RATING: _____ KA @ 240 V

GENERATOR SWITCHING DEVICE

- MOLDED CASE SWITCH
- THERMAL MAGNETIC
- ELECTRONIC (LI)

POLES: _____
TRIP RATING: _____ A
WITHSTAND RATING: _____ KA @ 240 V



APPROVED FOR CONSTRUCTION
 MASTER COPY REFERENCE COPY OF _____
 MULTIPLE UNIT WORK ORDER
 RELEASED FOR INFORMATION
 AUTH. BY: OG DATE: 07-06-26

No.	9	LOGO CHANGED	LR	OG	14-01-30
	8	UPDATED HEATER OPTIONS	PQ	OG	08-10-16
	7	ADDED TERMINALS 2 AND 4	BMG	OG	08-05-06
	6	CHANGED SINGLE PHASE WIRING FROM A-C TO A-B	BMG	OG	08-03-27
	5	REMOVED ADDITIONAL CAPACITOR(W/ LATCHING RELAYS) FROM MOTOR CCT	BMG	OG	07-10-10
		REVISIONS	BY	AUTH	DATE

DRAWING No.		REFERENCE DRAWINGS	
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AUTOMATIC TRANSFER SWITCH
 MODEL TS 84_A ___ A1 ___ 1 ___ A ___
 SCHEMATIC DIAGRAM
 ___ A, ___ V, ___ Ø ___ W, ___ Hz

CUSTOMER			
CUSTOMER ORDER No.		WORK ORDER No.	
DRAWN BY	AUTH BY	DATE	REV
BMG	OG	07-07-24	9
DRAWING/FILE No.			SHEET
840E006			1/1