



TO PL12-2
VOLTAGE SENSING
FROM UTILITY
REFER SHEET 20A

TO PL12-2
VOLTAGE SENSING
FROM LOAD
REFER SHEET 20A

TO PL12-2
VOLTAGE SENSING
FROM GENERATOR
REFER SHEET 20A

TO PL15-2
POWER SWITCHING
DEVICE CONTROL
REFER SHEET 20A

FEMALE
AC VOLTAGE SENSING /
CONTROL ISOLATION PLUG

FEMALE
POWER CHASSIS
ISOLATION PLUG

CONNECT TO
APPROPRIATE
VOLTAGE TAP
TERMINAL

CONNECT TO
APPROPRIATE
VOLTAGE TAP
TERMINAL

REFER GENERAL
NOTES (2)
TYP

TSC 900 CONTROL PLATE ASSEMBLY	
DESCRIPTION	PART ID
STANDARD S STYLE	014410
STANDARD ICS / MO STYLE	014416

TSC 900 WIRE HARNESS	
DESCRIPTION	PART ID
STANDARD S STYLE	014407
STANDARD ICS / MO STYLE	014431

GENERAL NOTES	
1	CONTROL TRANSFORMER IS RATED FOR 100VA FOR MCS ATS & 200VA FOR ATS MECHANISM USING TRIP & CLOSE COILS
2	100VA CONTROL TRANSFORMER DOES NOT INCLUDE A 2ND 120VAC SECONDARY WIRING (X3/X4)
3	COLOR CODE: ALL WIRING IS GREY UNLESS NOTED. SAFETY GROUND WIRES ARE GREEN

VOLTAGE	
(X DENOTES HIGH POLARITY MARKER)	
PT TAP	208 240 380 400 416 480 600
H1	X X X X X X X X
H2	X X X X X X X X
H3	X X X X X X X X
H4	X X X X X X X X
H5	X X X X X X X X

COLOR KEY	
BK	BLACK
BE	BLUE
BN	BROWN
GN	GREEN
GY	GREY
OR	ORANGE
PE	PURPLE
R	RED
W	WHITE
Y	YELLOW
V	VIOLET

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		WORK ORDER No.	
CUSTOMER ORDER No.	C-XXXXXX	W-XXXXXX	
DRAWN BY	AP	AUTH BY	OG
DATE	16-01-26	REV	1
DRAWING/FILE No.	TSC900E100	SHEET	20B

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

CROSS REFERENCE LEGEND	
50C-C-1	GRID COORDINATE
	SHEET No.

DRAWING No.	REFERENCE DRAWINGS	No.	REVISIONS	BY	OG	DATE
1	WIRE HARNESS UPDATED AS PER ECR-0114744			AP	OG	16-07-22



AUTOMATIC TRANSFER SWITCH
 TSC 900 TRANSFER SWITCH CONTROLLER
 ATS AC CONTROL SCHEMATIC, STD
 100 - 4000A

FOR REVIEW ONLY