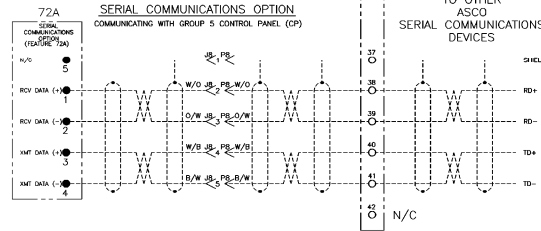
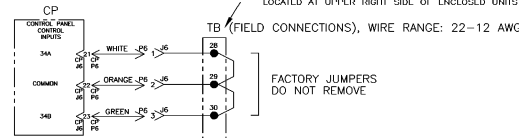
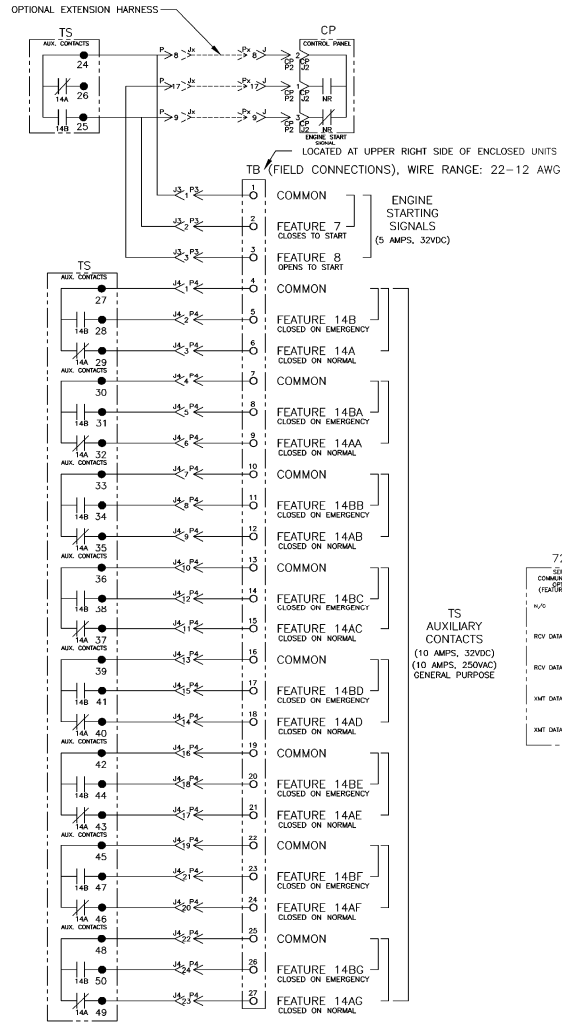


FIELD CONNECTIONS



- 72A NOTES:
- GROUND SHIELD AT HOST DEVICE ONLY.
 - FIELD WIRING: USE UL LISTED, STRANDED, TWISTED PAIRS, OVERALL FOIL SHIELD WITH STRANDED DRAIN WIRE SUITABLE FOR RS-422 EQUIVALENT TO:
 - (STANDARD 80°C) BELDEN 9842 OR 9829 OR ALPHA 6202C OR 6222C
 - (PLENUM RATED) BELDEN 89729 OR 82729 OR ALPHA 58902

A	TO:URS	BR	WR	06/17/02
	SEE ICON			
	ISSUE			
	158033	BWM	BK	6/26/01

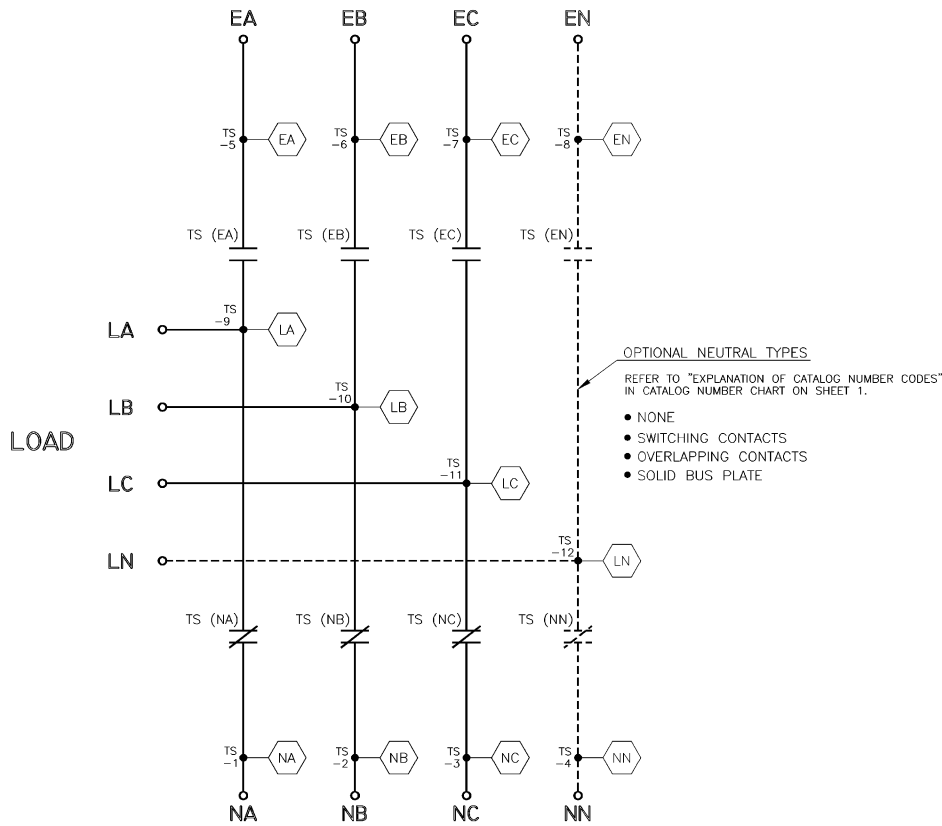
PROJECT NAME:		WIRING DIAGRAM	
7000 SERIES (H/T/S)		GROUP 5 CONTROLS	
DRWN BY: DJE	DATE: 6/26/01	MANUFACTURER'S DIMENSIONS TO BE IN ACCORDANCE WITH ASCO PROCEDURES TO BE USED FOR ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED.	ASSN. REF. NO.
CHECKED BY: BWM	DATE: 6/26/01	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	SCALE: 1:1
DATE: 6/26/01	DATE: 6/26/01	ASCO	ACAD
SIZE: 11x17	SIZE: 11x17	DS713511	FILE
POWER LETTER A	REV: 161048	2 OF 6	

MAIN POWER POLES

TS OPERATOR CIRCUIT

EMERGENCY

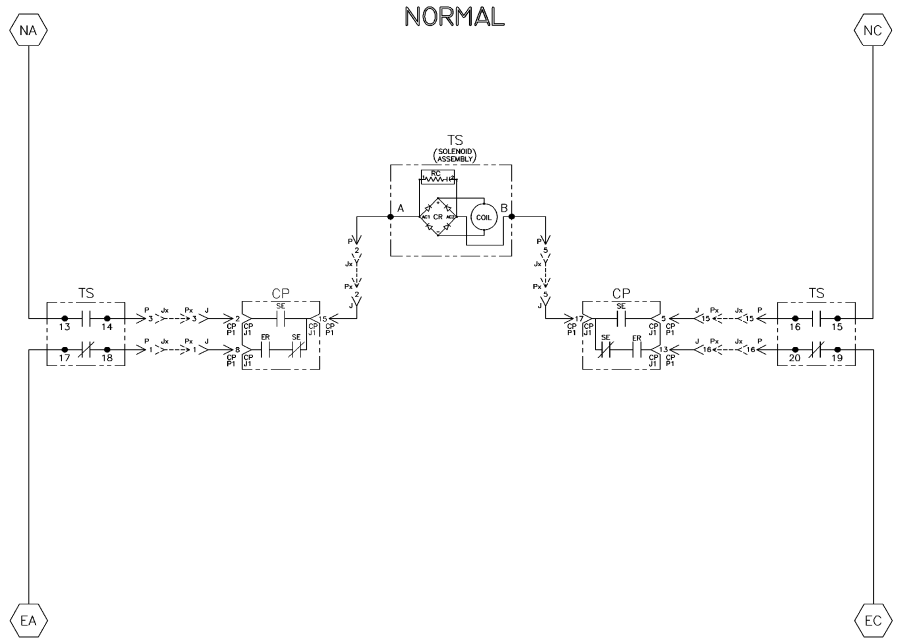
NORMAL



OPTIONAL NEUTRAL TYPES
 REFER TO "EXPLANATION OF CATALOG NUMBER CODES"
 IN CATALOG NUMBER CHART ON SHEET 1.

- NONE
- SWITCHING CONTACTS
- OVERLAPPING CONTACTS
- SOLID BUS PLATE

NOTE:
 TS SHOWN CLOSED ON NORMAL SOURCE.



EMERGENCY

TS	SOLENOID POSITION	
	CLOSED BEFORE NORMAL	BEFORE CLOSED 3TDC
13-14		
15-16		
17-18		
19-20		

TDC (TOP DEAD CENTER)
 TRANSFER SWITCH TEST & ADJUSTMENT PROCEDURE:
 SPECIFIC CONTROL CUT-OFF (CONTACT OPENING) SETTING.

PROJECT NAME: WIRING DIAGRAM
 7000 SERIES (H/T/S) GROUP 5 CONTROLS

DATE: 6/26/01
 DRAWN BY: DJE
 CHECKED BY: BWB
 DESIGNED BY: BK

MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCESSING SPEC. FOR ALL DIMENSIONS SEE DWG. PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR PART WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.

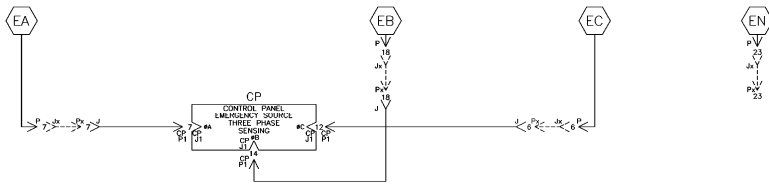
ASCO POWER TECHNOLOGIES L.P.
 FURNACE PARK, NEW JERSEY 07033 U.S.A.

SCALE: 1:1
 SIZE: 11x17
 SHEET: 3 OF 6

EMERGENCY SOURCE CIRCUITS

ADDITIONAL CIRCUITS

EMERGENCY



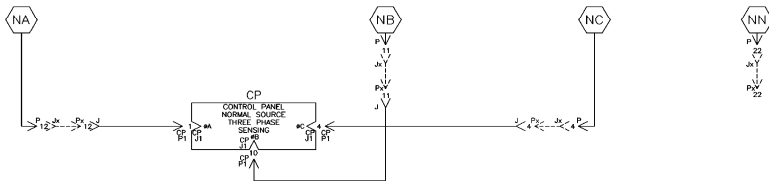
LOAD TERMINAL CIRCUITS

LOAD

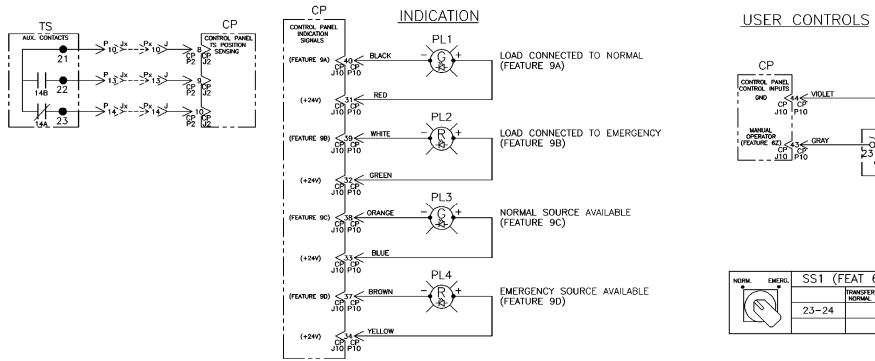


NORMAL SOURCE CIRCUITS

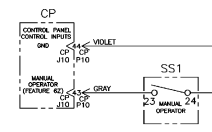
NORMAL



CONTROL CIRCUITS



USER CONTROLS



NORM	EMERG.	SS1 (FEAT 6Z)
		TRANSFER TRANSFER
		NORMAL EMERG.
		23-24

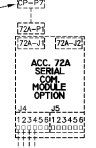
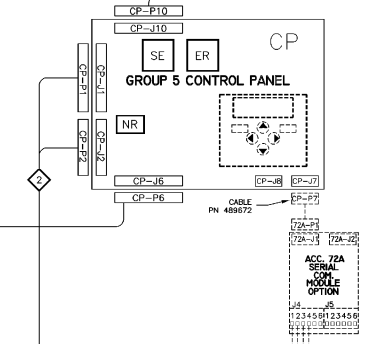
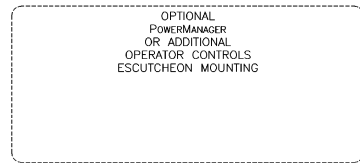
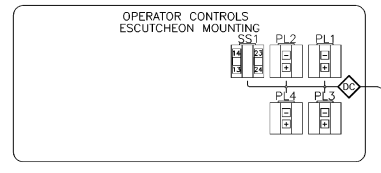
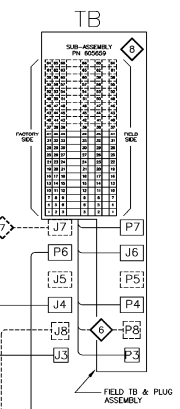
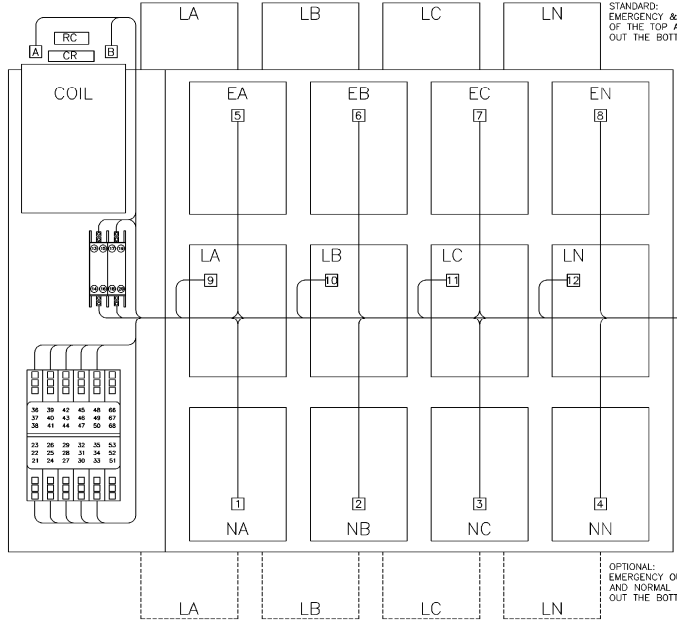
PROJECT NAME:		TOLURS BK 06/17/02	
WIRING DIAGRAM		SEE ICON	
7000 SERIES (H/T/S)		158033 BWM BK 6/26/01	
GROUP 5 CONTROLS		ISSUE	
DATE: 6/26/01	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCESSING SPEC. FOR THESE PARTS SEE MFG.	SCALE: 1:1	ACAD FILE
DRAWN BY: DJE	CHECKED: BWM	PROPERTY OF ASCO POWER TECHNOLOGIES, USE PERMITTED FOR EXISTING WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.	COMPUTER GENERATED DRAWING
DATE: 6/26/01	DATE: 6/26/01	ASSN. REF. NO.	SIZE: 11x17
DATE: 6/26/01	DATE: 6/26/01	ASSN. REF. NO.	SIZE: 11x17
ASCO Power Technologies, L.P. FULTON PARK, NEW JERSEY 07033 U.S.A.		DS713511 SHEET 4 OF 6	NO. 1611048

PHYSICAL DIAGRAM

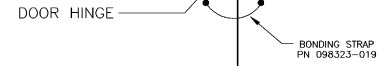
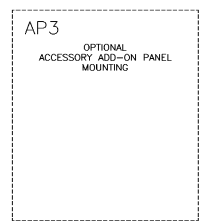
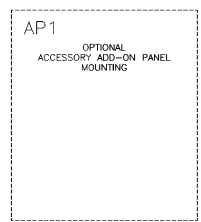
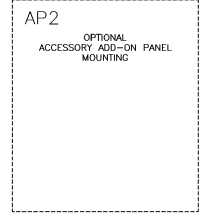
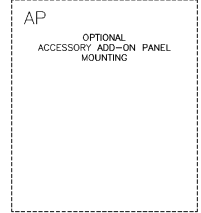
ENCLOSURE

TOP DOOR (INSIDE)

TS (TRANSFER SWITCH)
VIEW FROM INSIDE FRONT



BOTTOM DOOR (INSIDE)



OPERATOR CONTROLS

ID	DESCRIPTION
PL1	TS CONNECTED TO NORMAL (GREEN)
PL2	TS CONNECTED TO EMERGENCY (RED)
PL3	NORMAL SOURCE ACCEPTED (GREEN)
PL4	EMERGENCY SOURCE ACCEPTED (RED)
SS1	MANUAL TRANSFER OPERATOR
	NORMAL
	EMERGENCY

PROJECT NAME: WIRING DIAGRAM

7000 SERIES (H/NTS) GROUP 5 CONTROLS

DATE: 6/26/01

MANUFACTURING CHANGES TO BE IN ACCORDANCE WITH ASCO PROCESSING 5041-000. FOR SALES, PARTS SEE 5041.

PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.

ASCO POWER TECHNOLOGIES, L.P. FULTON PARK, NEW JERSEY 07033 U.S.A.

ISSUE: 158031 [BWM] BK | 6/26/01

CHANGE SETS: []

ISSUE: []

DATE: 6/26/01

SCALE: 1:1

SIZE: []

DS713511

FIGURE LETTER: A

NO: 161048

SHEET: 5 OF 6

WIRE RUN LISTING

Table with columns: WIRE No., HARNESS (71308D MAIN TS), CLR, AWG. Lists wires 1 through 24 for harness 71308D.

Table with columns: WIRE No., HARNESS (309320-005 OPTIONAL B EXTENSION HARNESS), CLR, AWG. Lists wires 1 through 24 for harness 309320-005.

Table with columns: WIRE No., HARNESS (713083-001 DOOR CONTROLS & INDICATORS), CLR, AWG. Lists wires 73 through 96 for harness 713083-001.

Table with columns: WIRE No., SUB-ASSEMBLY (605659), CLR, AWG. Lists wires 8 through 96 for sub-assembly 605659.

Table with columns: WIRE No., HARNESS (713083-001 DOOR CONTROLS & INDICATORS), CLR, AWG. Lists wires 150 through 181 for harness 713083-001.

Table with columns: WIRE No., HARNESS (619510-005 (PS) FIELD INPUTS), CLR, AWG. Lists wires 49 through 72 for harness 619510-005.

Table with columns: WIRE No., HARNESS (483763 (CP-P1,CP-P2) CONTROL PANEL), CLR, AWG. Lists wires 1 through 24 for harness 483763.

Table with columns: WIRE No., HARNESS (605454-005 (S8) OPTIONAL SERIAL I/O), CLR, AWG. Lists wires 98 through 102 for harness 605454-005.

Table with columns: WIRE No., HARNESS (605454-005 (S8) OPTIONAL SERIAL I/O), CLR, AWG. Lists wires 98 through 102 for harness 605454-005.

Table with columns: WIRE No., HARNESS (605454-005 (S8) OPTIONAL SERIAL I/O), CLR, AWG. Lists wires 98 through 102 for harness 605454-005.

Table with columns: WIRE No., ADDITIONAL WIRING, CLR, AWG. Empty table for additional wiring.

Project information block including PROJECT NAME, DATE, DRAWN BY, CHECKED, and ASCO logo.

D

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