

WIRING FOR ASCO® 185 SERIES MANUALLY OPERATED TRANSFER SWITCHES RATED 100, 200, & 230 AMPERES, 240 VOLTS, 50-60 Hz, SINGLE PHASE

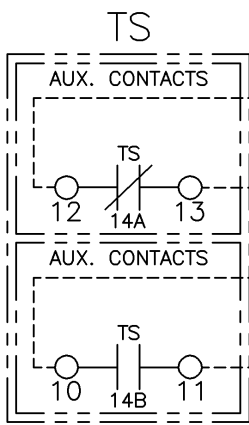
GENERAL NOTES

1. SWITCH SHOWN CLOSED ON PREFERRED SOURCE.
DEVICE SYMBOLS AND DESIGNATIONS ARE IN ACCORDANCE WITH NEMA PUB. ICS 1-1983, PART 1-101A.
2. ALL WIRING IS #16 AWG, TINNED, STRANDED COPPER UNLESS OTHERWISE INDICATED.
3. ○ INDICATES CUSTOMER CONNECTION POINTS.
4. ● INDICATES FACTORY CONNECTION POINTS.
5. CONNECTION POINTS THAT HAVE BOTH CUSTOMER CONNECTIONS AND FACTORY CONNECTIONS ARE SHOWN OPEN AS CUSTOMER CONNECTION POINTS.
6. A SERIES 185 OPERATOR'S MANUAL (PN 381333-344) IS PROVIDED WITH THE TRANSFER SWITCH. REFER TO THIS PUBLICATION PRIOR TO INSTALLATION AND OPERATION.

OPTIONAL ACCESSORIES

- ACC. 14A (1) AUXILIARY CONTACT CLOSED WHEN THE TRANSFER SWITCH IS CONNECTED TO THE PREFERRED SOURCE. FIELD INSTALLED KIT WHEN PROVIDED.
- ACC. 14B (1) AUXILIARY CONTACT CLOSED WHEN THE TRANSFER SWITCH IS CONNECTED TO THE ALTERNATE SOURCE. FIELD INSTALLED KIT WHEN PROVIDED.
- ACC. 44A ENCLOSURE HEATER 120 VAC. FIELD INSTALLED KIT WHEN PROVIDED.

FIELD CONNECTIONS



ACCESSORY 14A
CLOSED ON PREFERRED

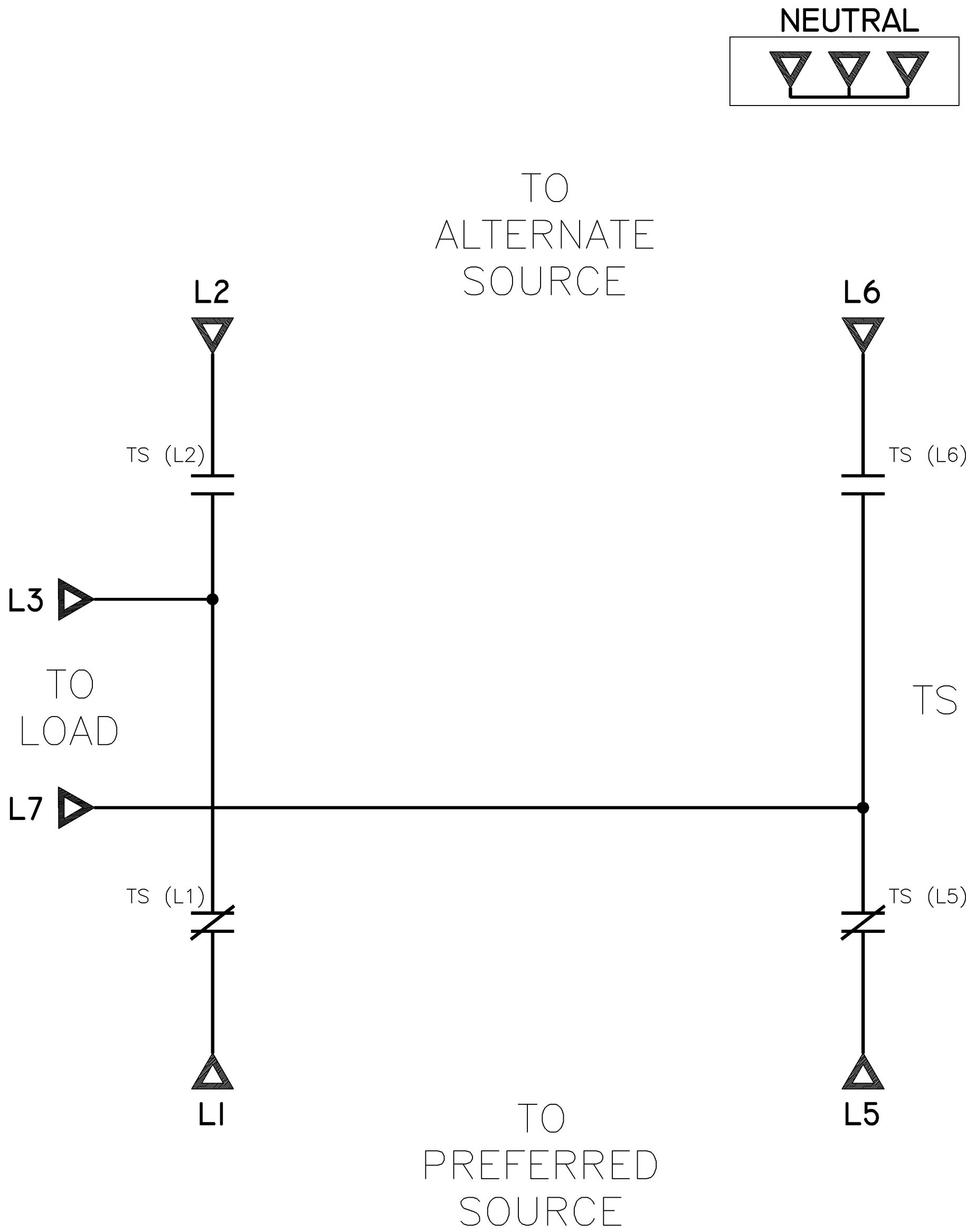
ACCESSORY 14B
CLOSED ON ALTERNATE

OPTIONAL
(FIELD INSTALLED KIT)
TS
AUXILIARY
CONTACTS
ACCESSORY
14A & 14B
(10 AMPS, 32VDC)
(10 AMPS, 480VAC)
GENERAL PURPOSE

ENCLOSURE
HEATER
ASSEMBLY

OPTIONAL
(FIELD INSTALLED KIT)
ENCLOSURE HEATER
ACCESSORY 44A
CUSTOMER PROVIDED POWER
SUPPLY 120 VAC, 125 WATTS

TRANSFER SWITCH POWER POLES



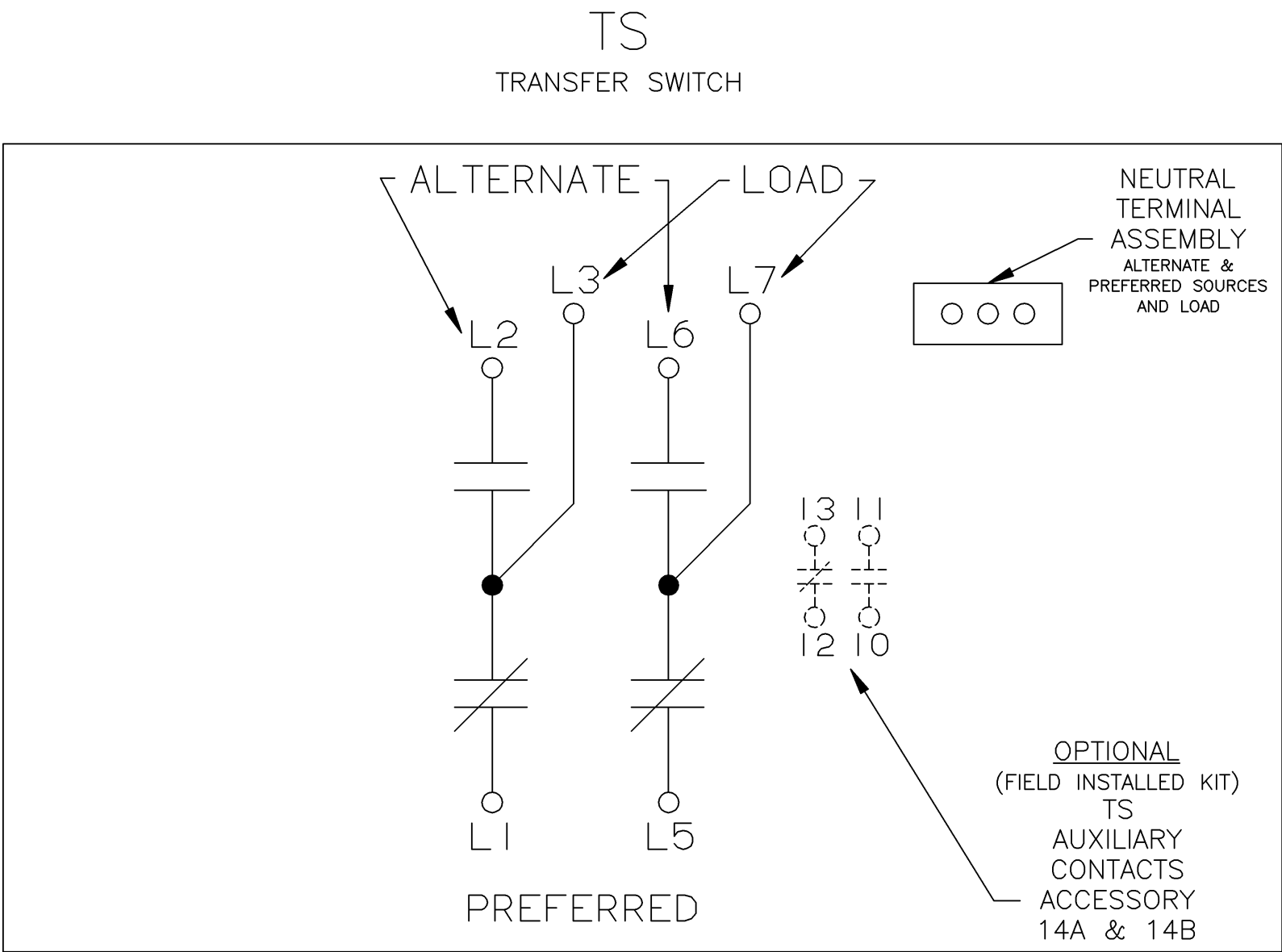
ATS SHOWN CLOSED ON PREFRRED SOURCE

NEUTRAL



NEUTRAL
TERMINAL
ASSEMBLY
ALTERNATE &
PREFERRED SOURCES
AND LOAD

PHYSICAL DIAGRAM



BASE CATALOG NUMBER				CATALOG NUMBER SUFFIXES				EXPLANATION OF CATALOG NUMBER CODES							
TS FRAME	CATALOG TYPE	NEUTRAL TYPE	PHASE POLES	AMPS	VOLT CODE	CONTROLLER	OPTIONAL ACCESSORY	ENCLOSURE CODE	NEUTRAL TYPE		VOLTAGE CODES 1 PHASE (2 OR 3 WIRE) 50 OR 60 HZ		ENCLOSURE CODES		
									CODE	DESCRIPTION	CODE	NOMINAL VOLTAGE	CODE	TYPE	DESCRIPTION
D	185	A	2	100 200 230	0	0	X	C M	BLANK A	NONE SOLID	0	240	C M	1 3R	GENERAL PURPOSE, INDOOR OUTDOOR, RAINPROOF, SLEET & ICE RESISTANT SECURE TYPE: EXTERIOR DOOR WITH INTERNAL DEAD FRONT PANEL.
							BLANK FOR NONE								

PROJECT NAME:		222590	JPB	JPB	04/15/09
WIRING		DIAGRAM			
SERIES 185 ATS, SINGLE PHASE, 3 WIRE, MANUALLY OPERATED					
D FRAME TRANSFER SWITCH (100, 200, 230 AMPS)					
DRAWN BY	JPB	DATE	04/15/09	ASSEM. REF. NO.	
CHECKED					
PROJECT APPROVAL					
FINAL APPROVAL	JPB	DATE	04/15/09		
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SCALE 1:1		SIZE DS		DWG. NO. 844554-002	
REV. 1		NO. 222590		SHEET 1 OF 1	

ASCO®

ASCO POWER TECHNOLOGIES, L.P.
FLORHAM PARK, NEW JERSEY 07832 U.S.A.