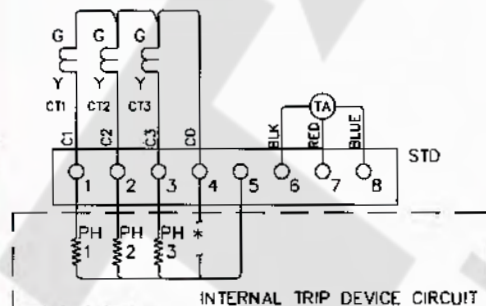


STATIC TRIP III "3W" OR "3WG"
NO GROUND FAULT OR WITH GROUND FAULT
NO NEUTRAL METERING
1 WINDING

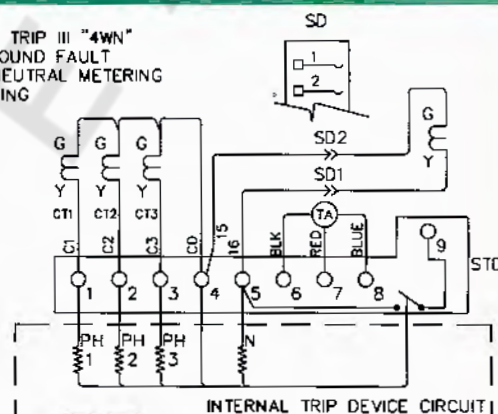


WITH OR WITHOUT GRD. ELEMENT

WIRE NO.	FROM	TO	WIRE
C1	CT1-Y	STD-1	18
C2	CT2-Y	STD-2	18
C3	CT3-Y	STD-3	18
CO	CT1-G	CT2-G	18
CO	CT2-G	CT3-G	18
CO	CT3-G	STD-4	18
TA1	RED	STD-7	+
TA2	BLACK	STD-6	+
TA3	BLUE	STD-8	+

1A

STATIC TRIP III "4WN"
NO GROUND FAULT
WITH NEUTRAL METERING
1 WINDING



WIRE NO.	FROM	TO	WIRE
C1	CT1-Y	STD-1	18
C2	CT2-Y	STD-2	18
C3	CT3-Y	STD-3	18
CO	CT1-G	CT2-G	18
CO	CT2-G	CT3-G	18
CO	CT3-G	STD-4	18
15	STD-4	SD-2	18
16	STD-5	SD-1	18
TA1	RED	STD-7	+
TA2	BLACK	STD-6	+
TA3	BLUE	STD-8	+

1B

+ DEVICE LEADS

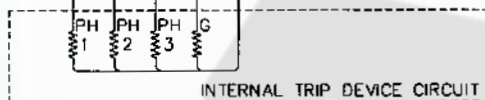
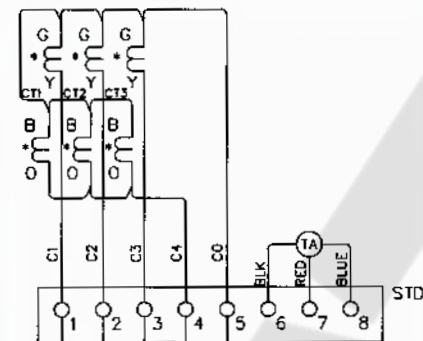
DEVICE LIST

CT1 - CURRENT SENSOR PHASE I (OR) A
SD - SECONDARY DISCONNECT
STD - STATIC TRIP DEVICE
TA - TRIP ACTUATOR

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
RE-USE MARKING. NO APPROVAL
OF DESIGN ENGINEERING

01	07-08-93	187\48279400\01-01	11	36
02	08-23-93			
03	07-30-94			
04	01/23/95			
05	02-16-95			
06	03-16-95			
07	01-25-96			
08	04-30-96			
09	11/22/96			
10	01-25-96			
11	01-25-96			
12	01-25-96			
13	01-25-96			
14	01-25-96			
15	01-25-96			
16	01-25-96			
17	01-25-96			
18	01-25-96			
19	01-25-96			
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94	01-25-96			
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97	01-25-96			
98	01-25-96			
99	01-25-96			
100	01-25-96			

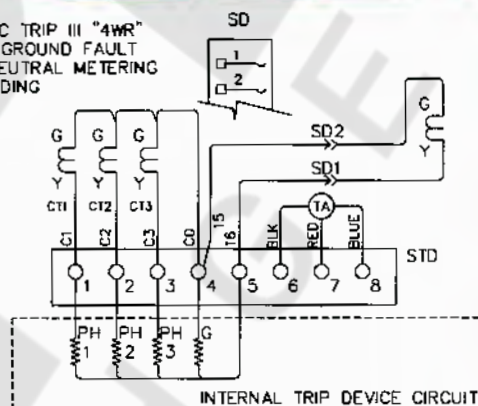
STATIC TRIP III "3WR-NEC"
WITH GROUND FAULT
NO NEUTRAL METERING
* 2 WINDING (DUAL)



WIRE NO.	FROM	TO	WIRE	WIRE NO.	FROM	TO	WIRE
C1	CT1-Y	STD-1	18	C4	CT1-O	CT2-O	18
C2	CT2-Y	STD-2	18	C4	CT2-O	CT3-O	18
C3	CT3-Y	STD-3	18	C4	CT3-O	STD-4	18
C0	CT3-B	CT2-B	18				
C0	CT2-B	CT1-B	18	TA1	RED	STD-7	+
C0	CT1-B	CT1-G	18	TA2	BLACK	STD-6	+
C0	CT1-G	CT2-G	18	TA3	BLUE	STD-8	+
C0	CT2-G	CT3-G	18				
C0	CT3-G	STD-5	18				

1C

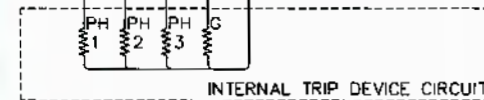
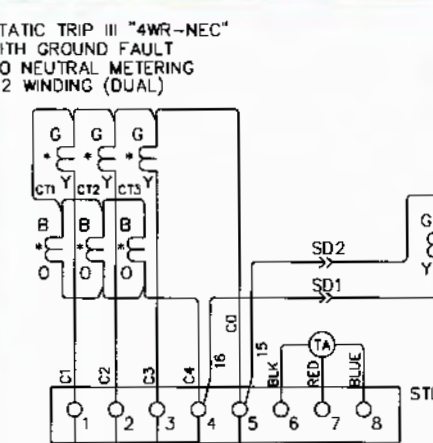
STATIC TRIP III "4WR"
WITH GROUND FAULT
NO NEUTRAL METERING
1 WINDING



WIRE NO.	FROM	TO	WIRE
C1	CT1-Y	STD-1	18
C2	CT2-Y	STD-2	18
C3	CT3-Y	STD-3	18
C0	CT1-G	CT2-G	18
C0	CT2-G	CT3-G	18
C0	CT3-G	STD-4	18
15	STD-4	SD-2	18
16	STD-5	SD-1	18
TA1	RED	STD-7	+
TA2	BLACK	STD-6	+
TA3	BLUE	STD-8	+

1D

STATIC TRIP III "4WR-NEC"
WITH GROUND FAULT
NO NEUTRAL METERING
* 2 WINDING (DUAL)



WIRE NO.	FROM	TO	WIRE	WIRE NO.	FROM	TO	WIRE
C1	CT1-Y	STD-1	18	15	STD-5	SD-2	18
C2	CT2-Y	STD-2	18	C4	CT1-O	CT2-O	18
C3	CT3-Y	STD-3	18	C4	CT2-O	CT3-O	18
C0	CT3-B	CT2-B	18	C4	CT3-O	STD-4	18
C0	CT2-B	CT1-B	18	16	STD-4	SD-1	18
C0	CT1-B	CT1-G	18				
C0	CT1-G	CT2-G	18	TA1	RED	STD-7	+
C0	CT2-G	CT3-G	18	TA2	BLACK	STD-6	+
C0	CT3-G	STD-5	18	TA3	BLUE	STD-8	+

1E

+ DEVICE LEADS

DEVICE LIST

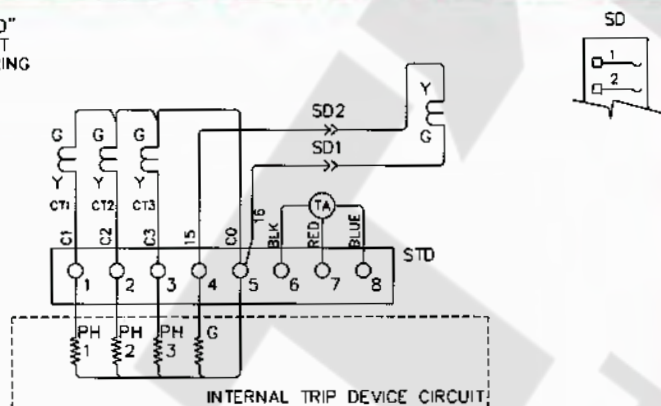
CT1 - CURRENT SENSOR PHASE I (OR) A
SD - SECONDARY DISCONNECT
STD - STATIC TRIP DEVICE
TA - TRIP ACTUATOR

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARK W/O APPROVAL
OF DESIGN ENGINEER

01	07-06-93	06	03	95
187\48279400\02-04		AHT SEM		
FIG [1C], [1D], [1E]		C	03-16-95	18-748-279-400 06
STANDARD CONNECTION DIAGRAMS FOR STATIC TRIP III DEVICE		NONE 02		

0:\RLTEMP\1DEF

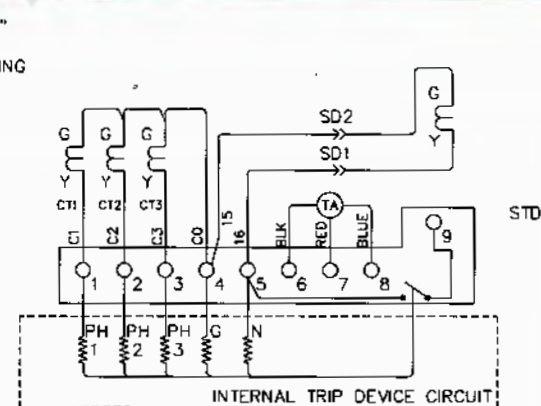
STATIC TRIP III "4WD"
WITH GROUND FAULT
NO NEUTRAL METERING
1 WINDING



WIRE NO.	FROM	TO	WIRE
C1	CT1-Y	STD-1	18
C2	CT2-Y	STD-2	18
C3	CT3-Y	STD-3	18
C0	CT1-G	CT2-G	18
C0	CT2-G	CT3-G	18
C0	CT3-G	STD-5	18
15	STD-4	SD-2	18
16	STD-5	SD-1	18
TA1	RED	STD-7	+
TA2	BLACK	STD-6	+
TA3	BLUE	STD-8	+

1F

STATIC TRIP III "4WRN"
WITH GROUND FAULT
WITH NEUTRAL METERING
1 WINDING



WIRE NO.	FROM	TO	WIRE
C1	CT1-Y	STD-1	18
C2	CT2-Y	STD-2	18
C3	CT3-Y	STD-3	18
C0	CT1-G	CT2-G	18
C0	CT2-G	CT3-G	18
C0	CT3-G	STD-4	18
15	STD-4	SD-2	18
16	STD-5	SD-1	18
TA1	RED	STD-7	+
TA2	BLACK	STD-6	+
TA3	BLUE	STD-8	+

1G

+ DEVICE LEADS

DEVICE LIST

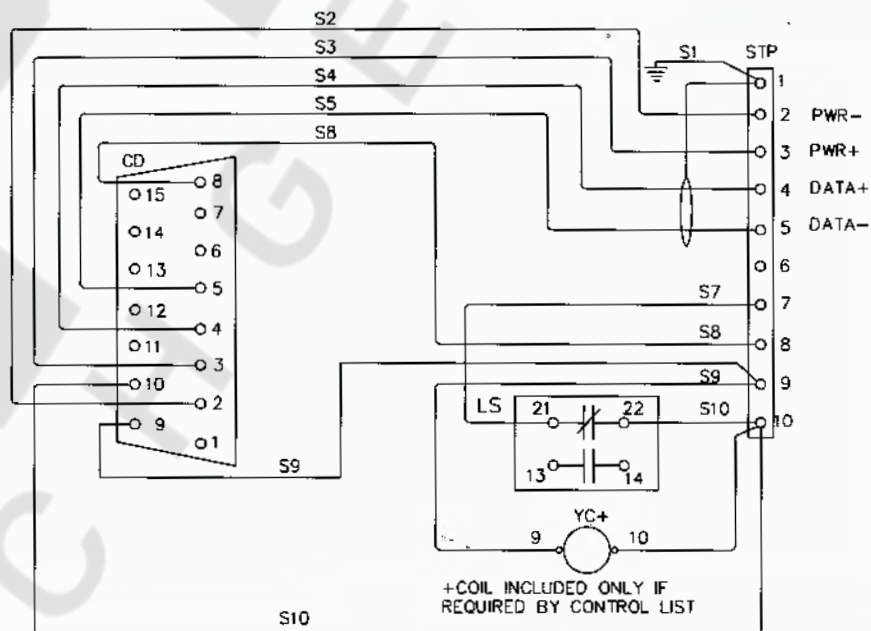
CT1 - CURRENT SENSOR PHASE 1 (QR) A
SD - SECONDARY DISCONNECT
STD - STATIC TRIP DEVICE
TA - TRIP ACTUATOR
TC - SHUNT TRIP COIL

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARKS WITHOUT APPROVAL
OF DESIGN ENGINEERING

SEE SHEET #1	01	07-06-93	06	03	01	187\48279400\02-04	4HT	03	95
FIG [1F], [1G]	C	03-16-95	18-748-279-400	06					
STANDARD CONNECTION DIAGRAMS FOR STATIC TRIP III DEVICE							NONE		03

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STATIC TRIP III-C
COMMUNICATION HARNESS



2A

WIRE NO.	FROM	TO	SIZE
S1	STP-1	FRAME	18
S2	STP-2	CD-2	22
S3	STP-3	CD-3	22
S4	STP-4	CD-4	22
S5	STP-5	CD-5	22
S6	STP-6	CD-6	22
S7	STP-7	LS-21	22
S8	STP-8	CD-8	22
S9	STP-9	CD-9	22
S9	STP-9	YC-9	22
S10	STP-10	LS-22	22
S10	STP-10	CD-10	22
S10	STP-10	YC-10	22

DEVICE LEGEND
STP - STATIC TRIP PORT
LS - LIMIT SWITCH
CD - COMMUNICATION DISCONNECT
YC - REMOTE CLOSE RELAY
PWR - POWER SUPPLY INPUT
DATA - COMMUNICATION DATA TERMINALS

STANDARD DRAWING
DO NOT DESTROY, CHANGE, OR
ADD MARKS W/O APPROVAL
OF DESIGN ENGINEERING

FIG. [2A]

SEE SHEET #1

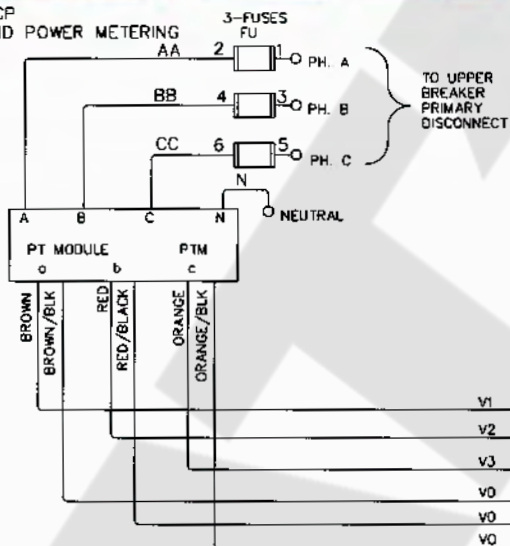
187\48279400\02-D4

03-16-95 18-748-279-400 D6

STANDARD CONNECTION DIAGRAMS FOR
STATIC TRIP III DEVICE

NONE 04

STATIC TRIP III - CP COMMUNICATION AND POWER METERING WIRE HARNESS 3 PH. 3 WIRE



WIRE NO.	FROM	TO	SIZE
A	PH-A	FU-1	14
B	PH-B	FU-3	14
C	PH-C	FU-5	14
AA	FU-2	PTM-A	+
BB	FU-4	PTM-B	+
CC	FU-6	PTM-C	+

+DEVICE LEADS

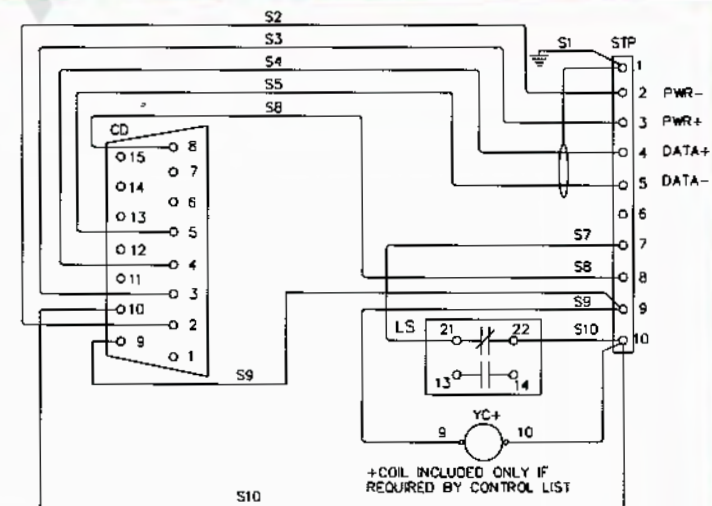
WIRE NO.	FROM	TO	COLOR
N	NEUT	PTM-N	
V1	PTM-a	STV-1	BROWN
V2	PTM-b	STV-2	RED
V3	PTM-c	STV-3	ORANGE
V0	PTM-a	STV-4	BRN/BLK
V0	PTM-b	STV-4	RED/BLK
V0	PTM-c	STV-4	OR/BLK

SHLD 2/C B/W

WIRE NO.	FROM	TO	SIZE
S1	STP-1	FRAME	18
S2	STP-2	CD-2	22
S3	STP-3	CD-3	22
S4	STP-4	CD-4	22
S5	STP-5	CD-5	22
SHLD	TERM	SHIELD	STP-1

WIRE NO.	FROM	TO	SIZE
S7	STP-7	LS-21	22
S8	STP-8	CD-8	22
S9	STP-9	CD-9	22
S9	STP-9	YC-9	22
S10	STP-10	LS-22	22
S10	STP-10	CD-10	22
S10	STP-10	YC-10	22

2B



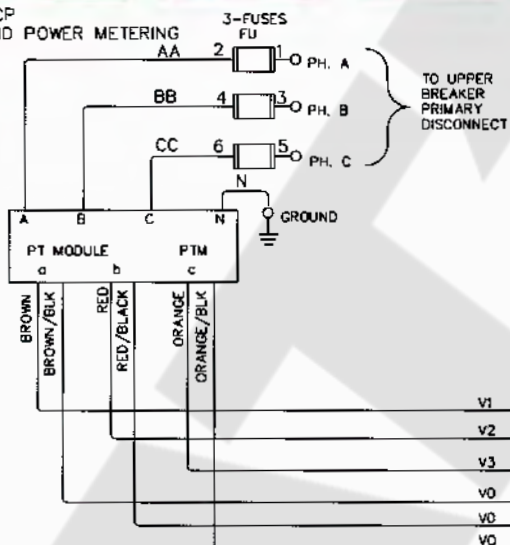
DEVICE LIST
 FU - POWER FUSE
 PH - PHASE VOLTAGE
 PTM - POTENTIAL TRANSFORMER MODULE
 STV - STATIC TRIP VOLTAGE PORT
 STP - STATIC TRIP PORT
 CD - COMMUNICATIONS DISCONNECT
 LS - LIMIT SWITCH
 YC - REMOTE CLOSE RELAY
 PWR - POWER SUPPLY INPUT
 DATA - COMMUNICATIONS DATA TERMINALS

STANDARD DRAWING
 DO NOT DESTROY, CHANGE OR
 ADD MARK. NOTE W/D APPROVAL
 OF DESIGN ENGINEERING

01	07-06-93	SEE SHEET #1	06	03	01
02	07-06-93	CORRECTED MISPEL-	06	03	01
03	07-06-93	LINE OF UPPER	06	03	01
04	07-06-93	ECO LV9512-B3	06	03	01
05	07-06-93	01-25-96 GRY	06	03	01
FIG [2B]			187\48279400\05-06		
C			01-25-96 18-748-279-400 07		
STANDARD CONNECTION DIAGRAMS FOR STATIC TRIP III DEVICE			NONE 05		

O:\RLTEMP\2B

STATIC TRIP III - CP COMMUNICATION AND POWER METERING WIRE HARNESS 3 PH. 4 WIRE



WIRE NO.	FROM	TO	SIZE
A	PH-A	FU-1	14
B	PH-B	FU-3	14
C	PH-C	FU-5	14
AA	FU-2	PTM-A	+
BB	FU-4	PTM-B	+
CC	FU-6	PTM-C	+

+DEVICE LEADS

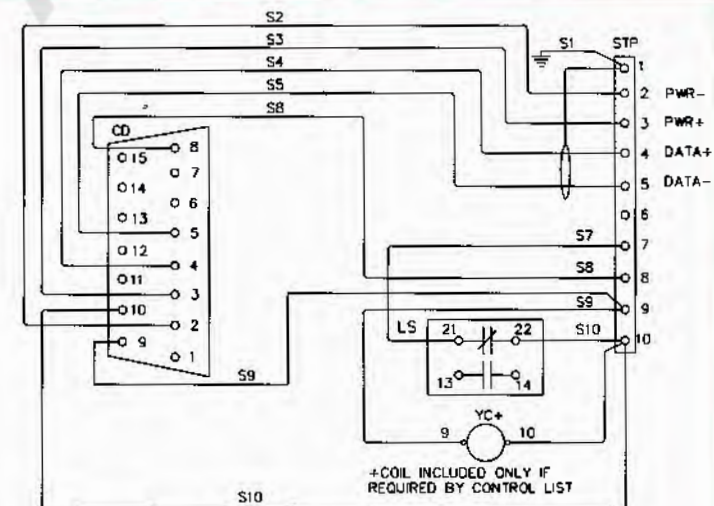
WIRE NO.	FROM	TO	COLOR
N	NEUT	PTM-N	
N	NEUT	GRD	
V1	PTM-a	STV-1	BROWN
V2	PTM-b	STV-2	RED
V3	PTM-c	STV-3	ORANGE
V0	PTM-a	STV-4	BRN/BLK
V0	PTM-b	STV-4	RED/BLK
V0	PTM-c	STV-4	OR/BLK

SHLD 2/C

WIRE NO.	FROM	TO	SIZE
S1	STP-1	FRAME	18
S2	STP-2	CD-2	22
S3	STP-3	CD-3	22
S4	STP-4	CD-4	22
S5	STP-5	CD-5	22
SHLD	TERM	SHIELD	STP-1

WIRE NO.	FROM	TO	SIZE
S7	STP-7	LS-21	22
S8	STP-8	CD-8	22
S9	STP-9	CD-9	22
S9	STP-9	YC-9	22
S10	STP-10	LS-22	22
S10	STP-10	CD-10	22
S10	STP-10	YC-10	22

2C



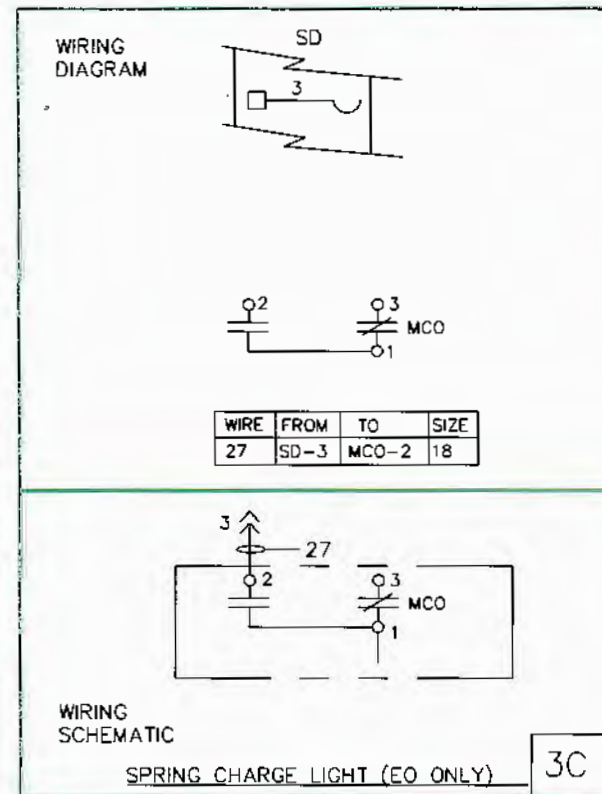
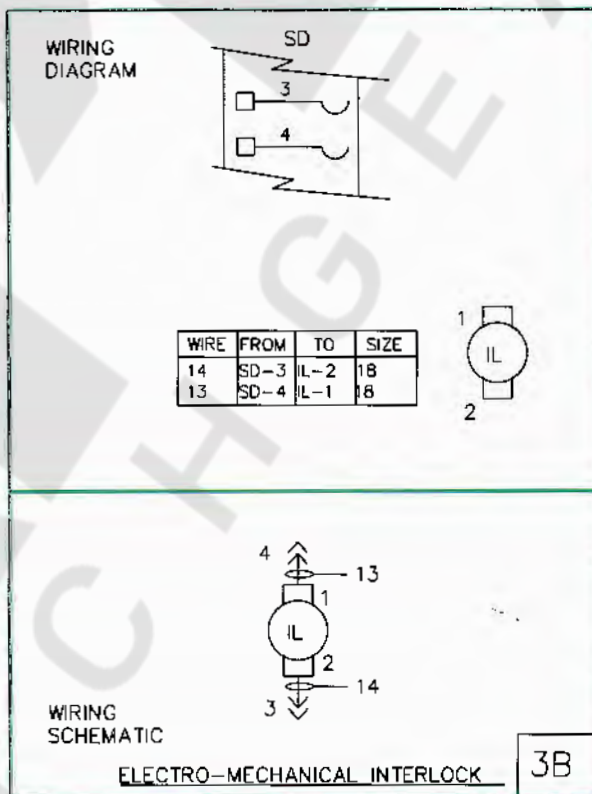
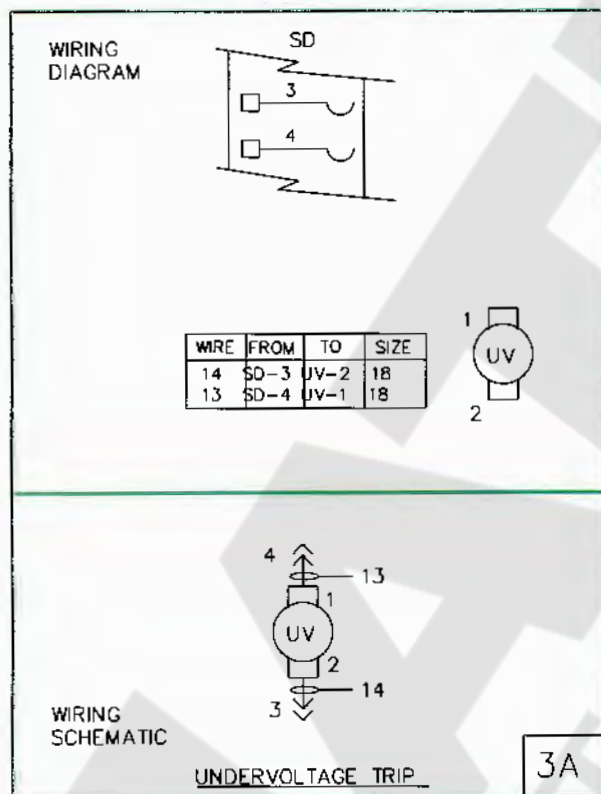
DEVICE LIST

FU - POWER FUSE
GRD - GROUND CONNECTION
PH - PHASE VOLTAGE
PTM - POTENTIAL TRANSFORMER MODULE
STV - STATIC TRIP VOLTAGE PORT
STP - STATIC TRIP PORT
CD - COMMUNICATIONS DISCONNECT
LS - LIMIT SWITCH
YC - REMOTE CLOSE RELAY
PWR - POWER SUPPLY INPUT
DATA - COMMUNICATIONS DATA TERMINALS

STANDARD DRAWING
DO NOT DESTROY CHANGE OR
ADD MARKING'S W/O APPROVAL
OF DESIGN ENGINEERING

U1	07-05-93	06	03	01
SEE SHEET #1		197\48279400\05-06		
CORRECTED MISFEEL- LINE OF UPPER ECO LV512-B3		01-25-96		
FIG [2C]		C	01-25-96	18-748-279-400
STANDARD CONNECTION DIAGRAMS FOR STATIC TRIP III DEVICE		NONE		06

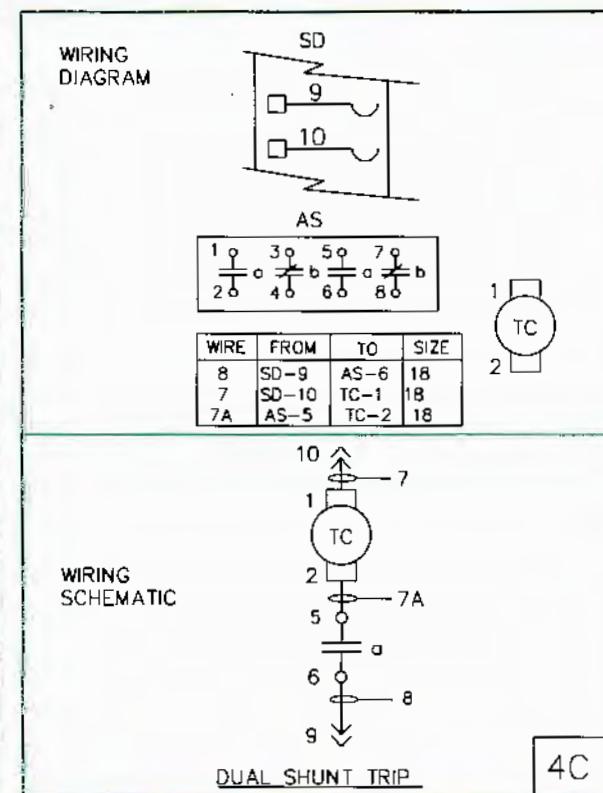
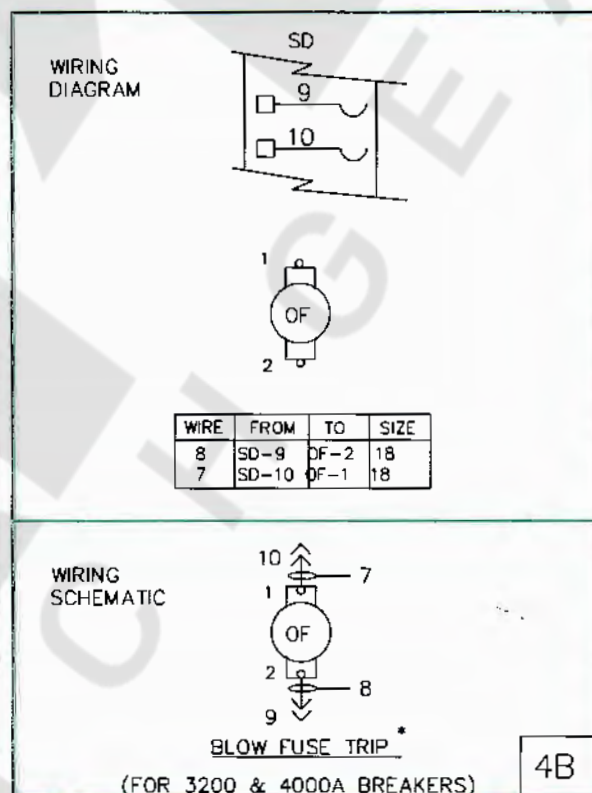
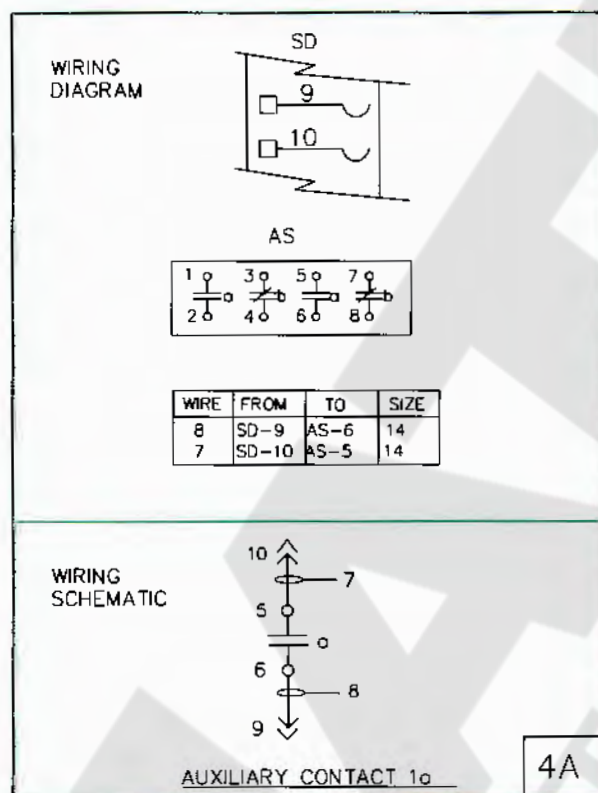
O:\RLTEMP\2C



DEVICE LIST
 UV - UNDERVOLTAGE DEVICE
 IL - MECHANICAL INTERLOCK
 SD - SECONDARY DISCONNECT
 MCO - MOTOR CUTOFF

STANDARD DRAWING
 DO NOT DESTROY, CHANGE OR
 ADD MARKS WITHOUT APPROVAL
 OF DESIGN ENGINEERING

DATE	01	07-08-91	BY	08	03	06	03	06
DESCRIPTION	167\48279400\07-08							
FIG.	FIG. [3A], [3B], [3C]							
REVISION	C	03-18-95	18-748-279-400	06				
REVISION	RH BREAKER WIRING							
REVISION	NONE							
REVISION	07							



* THIS FIGURE IS REQUIRED FOR 3200 AND 4000A FUSED BREAKERS

DEVICE LIST

OFLO - OVERLOAD FUSE COIL
 TC - SHUNT TRIP COIL
 AS - AUXILIARY SWITCH ASSEMBLY
 SD - SECONDARY DISCONNECT
 a - AUXILIARY SWITCH CONTACT
 OPEN WHEN BREAKER IS OPEN
 b - AUXILIARY SWITCH CONTACT
 CLOSED WHEN BREAKER IS OPEN

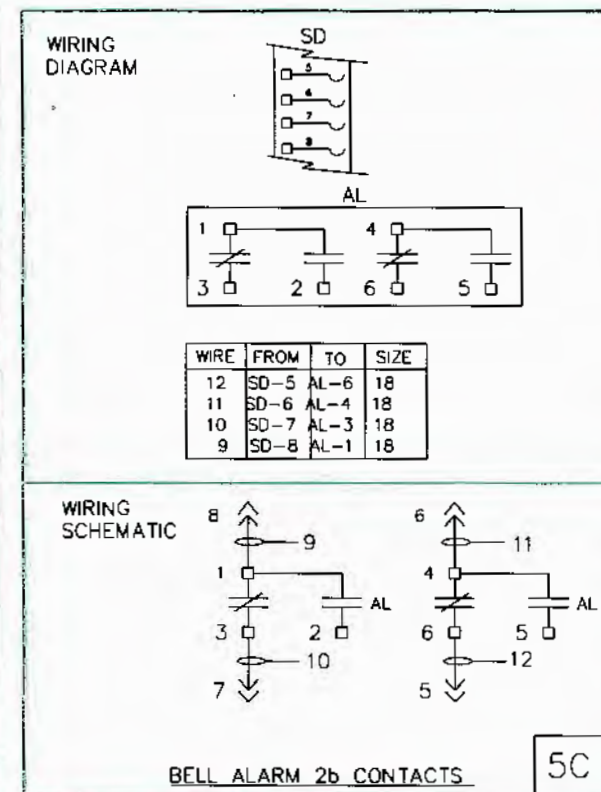
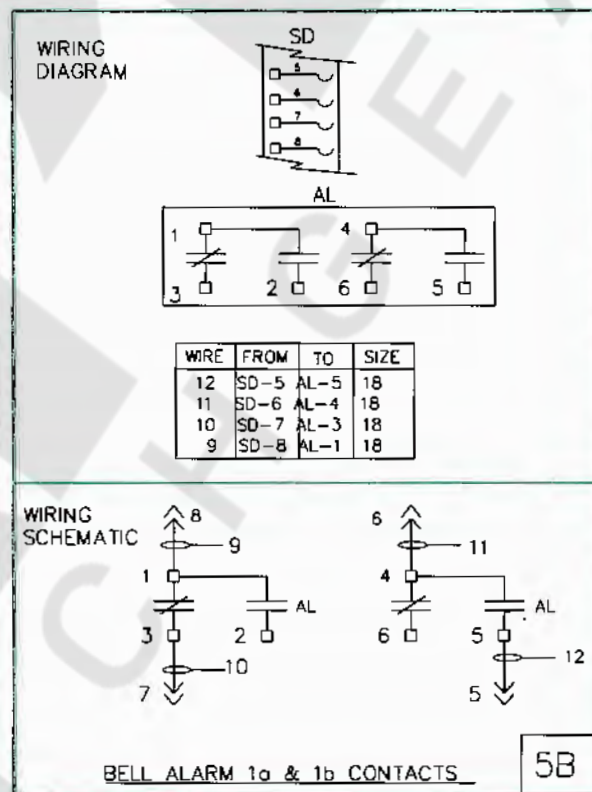
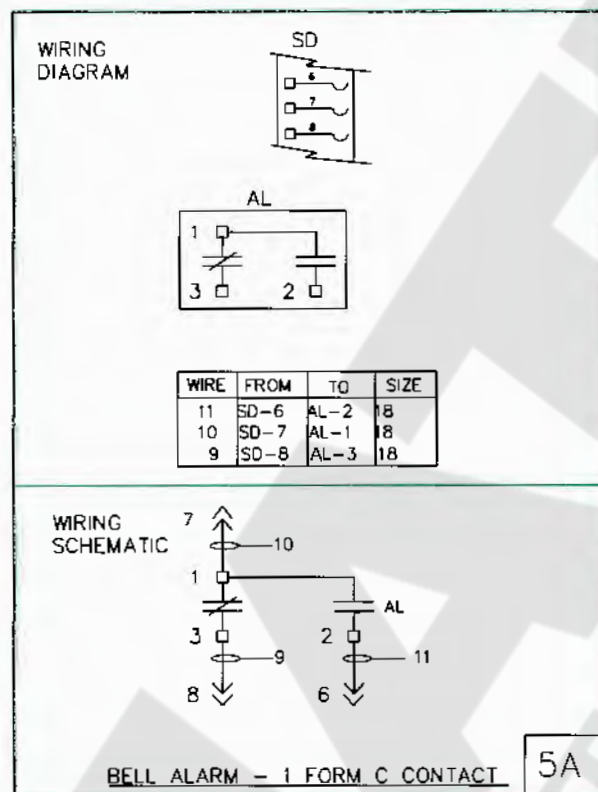
STANDARD DRAWING
 DO NOT DESTROY, CHANGE, OR
 ADD MARKS W/O APPROVAL
 OF DESIGN ENGINEERING

SEE SHEET #1

DATE	DESCRIPTION	BY	CHKD	APP'D
01-07-93	06-03-91	06-03-91	06-03-91	06-03-91
03-16-95	18-748-279-400	03-16-95	03-16-95	03-16-95
RL BREAKER WIRING		NONE		08

FIG. [4A], [4B], [4C]

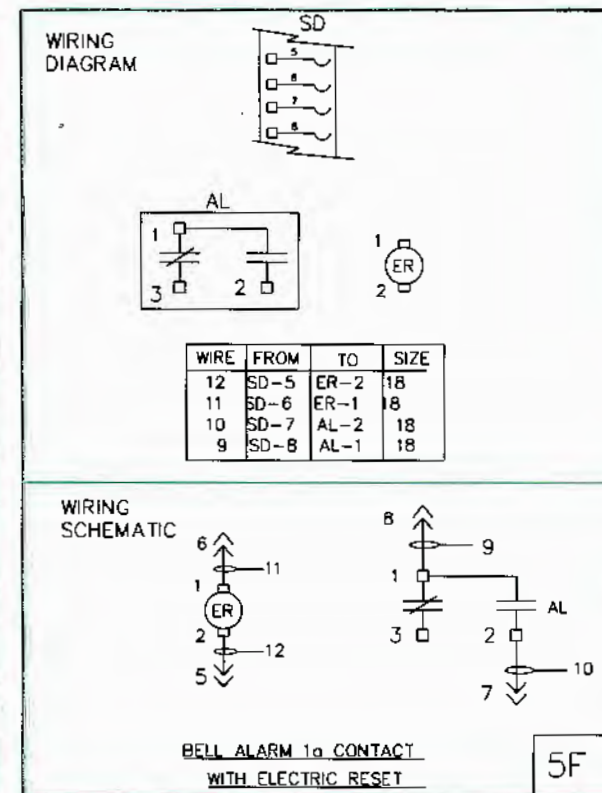
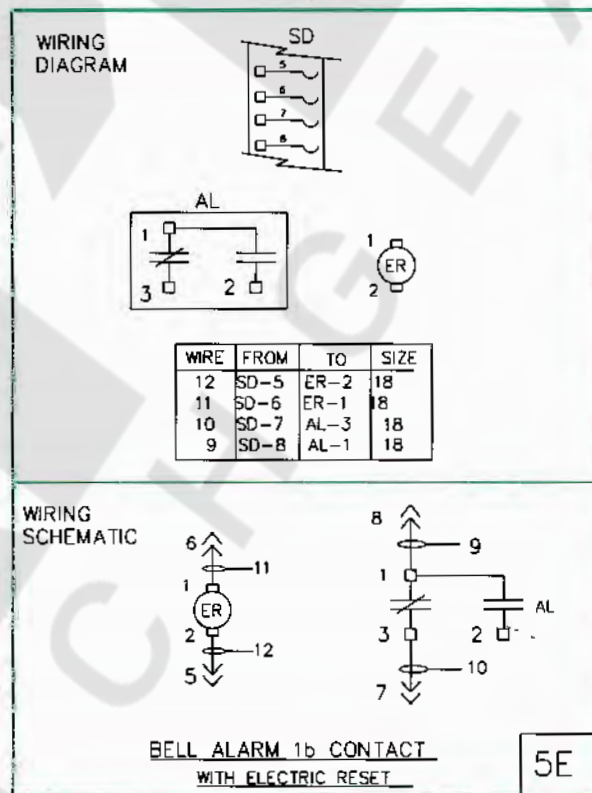
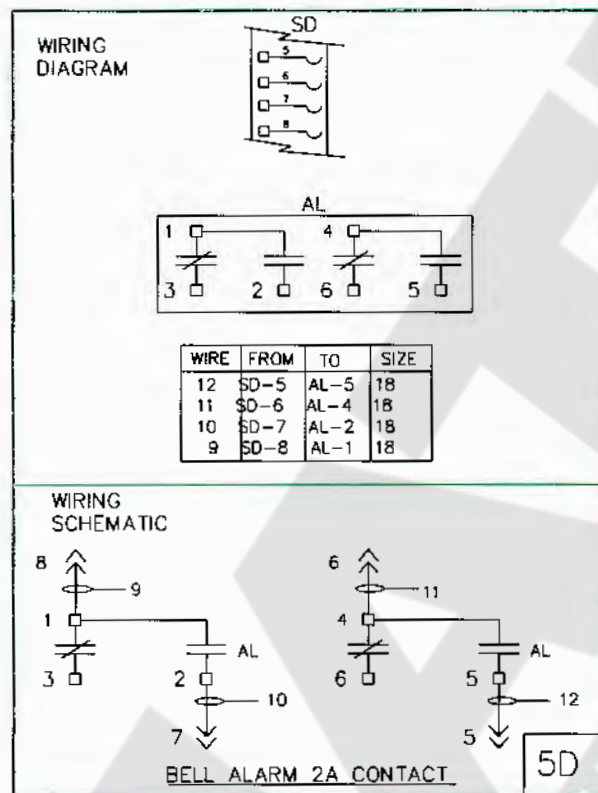
0: \RLTEMP\RLBRKR



DEVICE LIST
SD - SECONDARY DISCONNECT
AL - ALARM CONTACTS

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARK NO'S W/O APPROVAL
OF DESIGN ENGINEERING

01	07-06-93	06	03	01
05	02-16-95	05	03	01
187\48279400\09-12				
C 02-16-95 18-748-279-400 05				
RL BREAKER WIRING				
NONE 09				



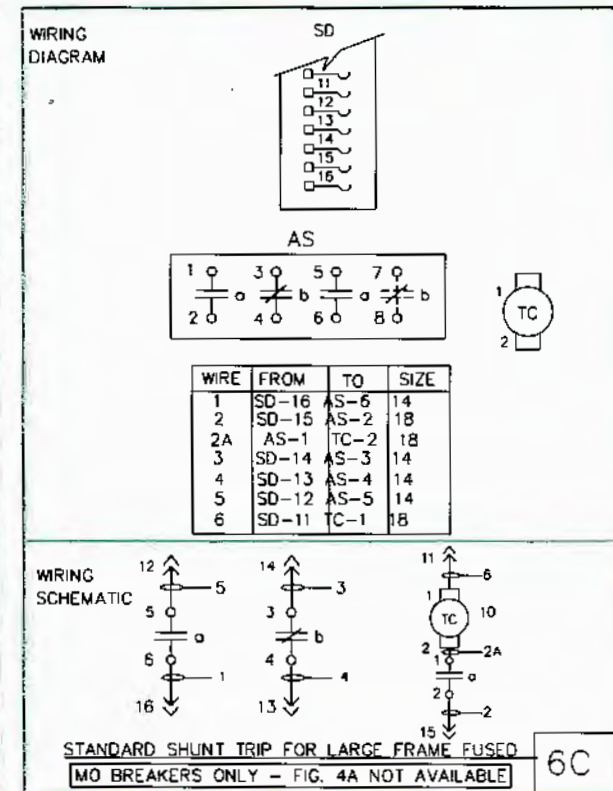
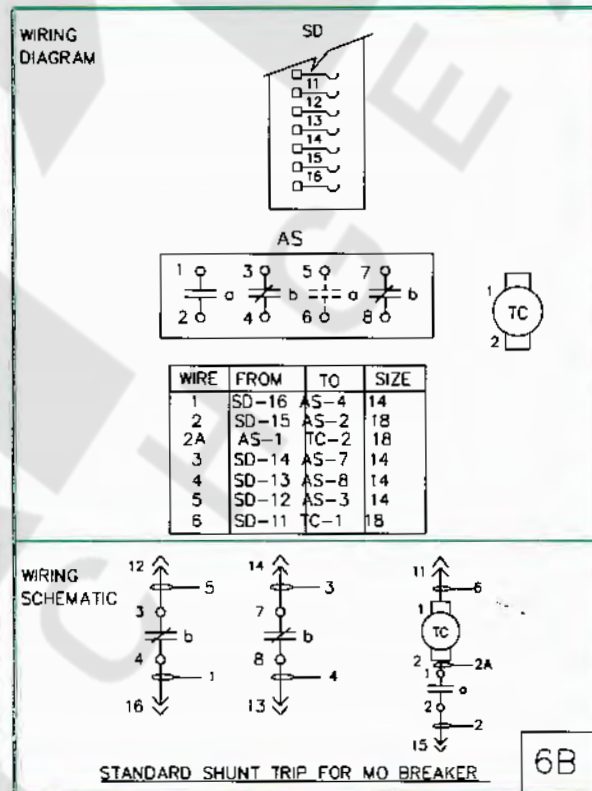
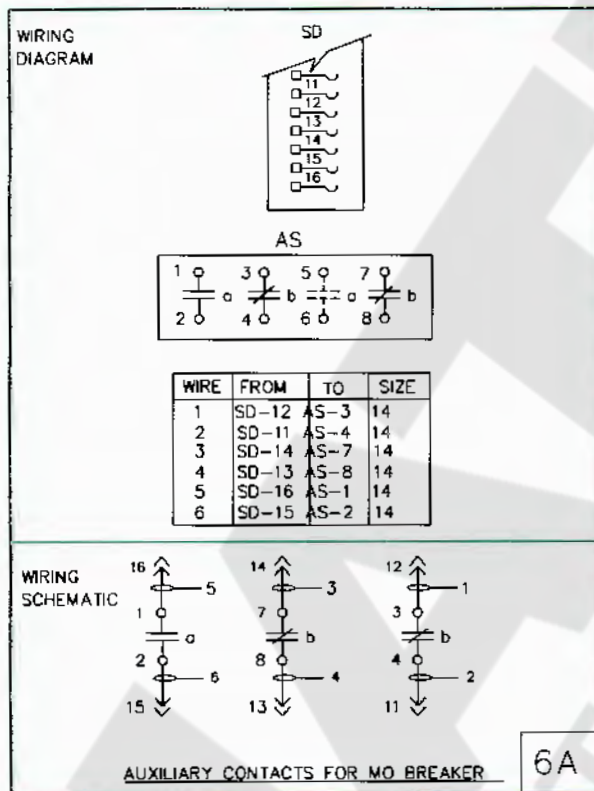
DEVICE LIST
 ER - ELECTRIC RESET
 SD - SECONDARY DISCONNECT
 AL - ALARM CONTACTS

STANDARD DRAWING
 DO NOT DESTROY, CHANGE OR
 ADD MARKS TO THIS DRAWING
 OF DESIGN ENGINEERING

DATE	BY	CHKD	APP'D	REVISION
01-07-08-93	SEE SHEET #1	06-03-01		
05-02-16-95	AMS			

PROJECT	DATE	BY	CHKD	APP'D
187\48279400\09-12	02-16-95	18-748-279-400	05	

DESCRIPTION	DATE	BY	CHKD	APP'D
RL BREAKER WIRING	02-16-95	18-748-279-400	05	

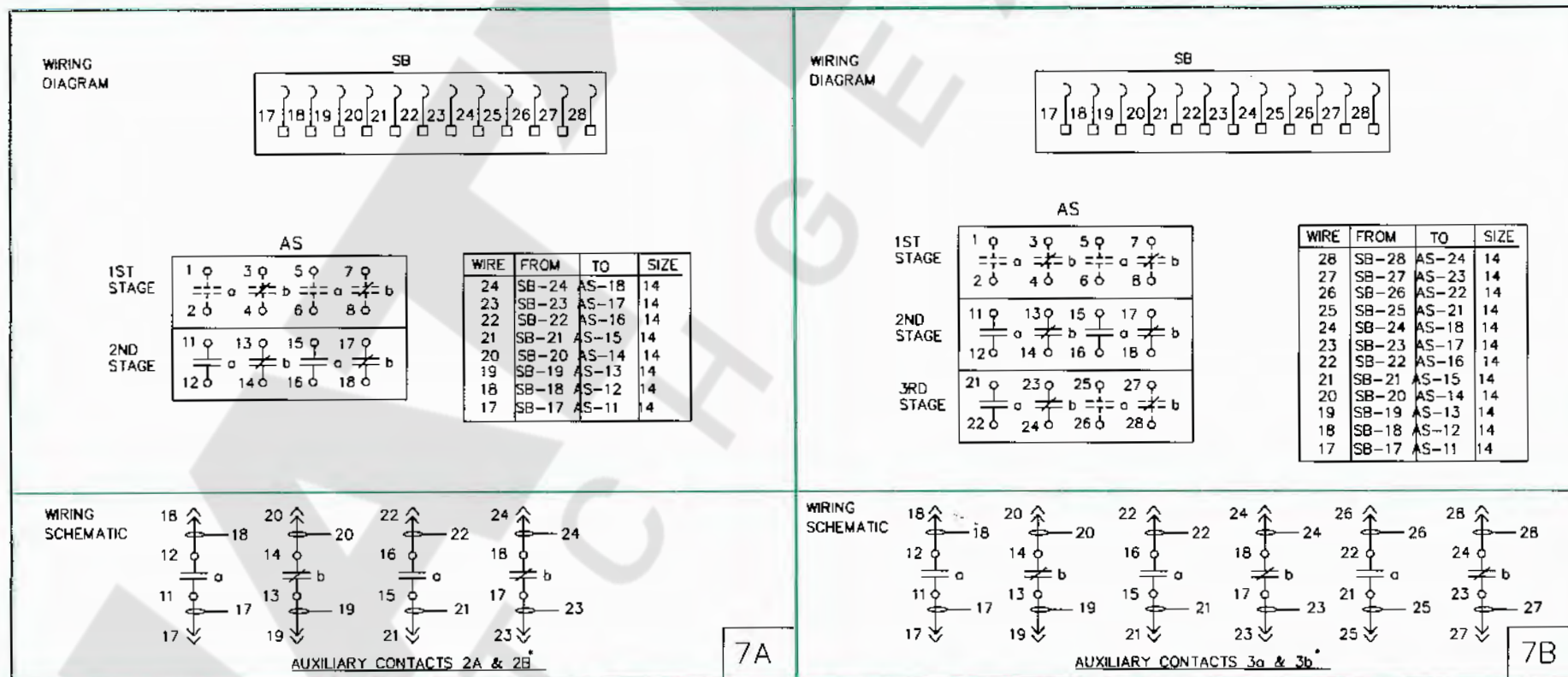


DEVICE LIST

- AS - AUXILIARY SWITCH
- SD - SECONDARY DISCONNECT
- TC - SHUNT TRIP COIL
- a - AUXILIARY SWITCH CONTACT
OPEN WHEN BREAKER IS OPEN
- b - AUXILIARY SWITCH CONTACT
CLOSED WHEN BREAKER IS OPEN

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARKS WITHOUT APPROVAL
OF DESIGN ENGINEERING

DATE	07-09-93	BY	08 03 10
SEE SHEET #1	08 03 10	187\48279400\09-12	96
CHOD FIG 5A REF TO 4A IN FIG 6C TCO 8912-B3 HM 04-30-96	FIG [6A], [6B], [6C]	18-748-279-400	08
RL BREAKER WIRING	NONE		11



* NOT AVAILABLE ON FUSED BREAKERS WITH COMPARTMENT SHUTTERS.
THE MOC ACCESSORY MAY BE USED AS AN ALTERNATIVE.

NOTE: FIG. 7B NOT AVAILABLE WITH UNDERVOLTAGE OR
ELECTRO-MECHANICAL INTERLOCK DEVICES.

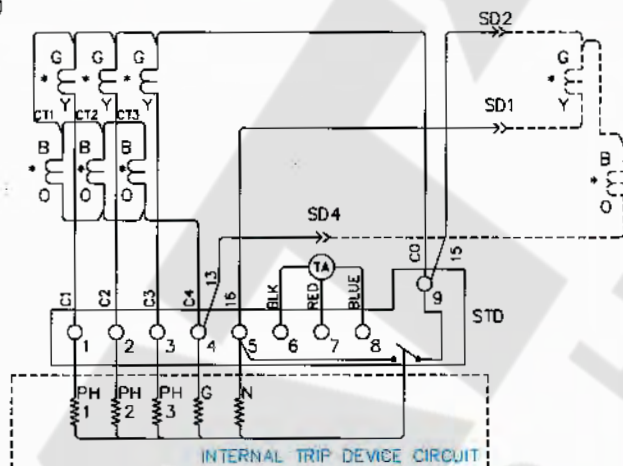
DEVICE LIST

- a - AUXILIARY SWITCH CONTACT OPEN WHEN BREAKER IS OPEN
- b - AUXILIARY SWITCH CONTACT CLOSED WHEN BREAKER IS OPEN
- AS - AUXILIARY SWITCH ASSEMBLY
- SB - BOTTOM 12PT. SECONDARY DISCONNECT

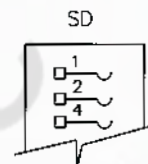
STANDARD DRAWING
DO NOT DESKTOP CHANGE OR
ADD MATR. NO'S W/O APPROVAL
OF DESIGN ENGINEERING

05	02-16-95 AMS	01	07-08-93	187\48279400\09-12	02	95
FIG [7A], [7B]				C 02-16-95 18-746-279-400 05		
RL BREAKER WIRING				NONE 12		

STATIC TRIP III "4WRN-NEC"
WITH GROUND FAULT
WITH NEUTRAL METERING
* 2 WINDING (DUAL)
SPECIAL

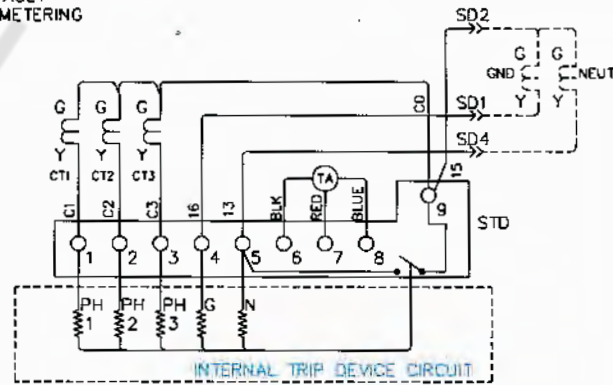


WIRE NO.	FROM	TO	WIRE	WIRE NO.	FROM	TO	WIRE
C1	CT1-Y	STD-1	18	C4	CT4-O	CT2-O	18
C2	CT2-Y	STD-2	18	C4	CT2-O	CT3-O	18
C3	CT3-Y	STD-3	18	C4	CT3-O	STD-4	18
C0	CT3-B	CT2-B	18	13	STD-4	SD-4	18
C0	CT2-B	CT1-B	18	15	STD-9	SD-2	18
C0	CT1-B	CT1-G	18	16	STD-5	SD-1	18
C0	CT1-G	CT2-G	18	TA1	RED	STD-7	+
C0	CT2-G	CT3-G	18	TA2	BLACK	STD-6	+
C0	CT3-G	STD-9	18	TA3	BLUE	STD-8	+

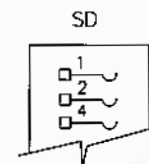


20A

STATIC TRIP III "4WDN"
WITH GROUND FAULT
WITH NEUTRAL METERING
1 WINDING
SPECIAL



WIRE NO.	FROM	TO	WIRE
C1	CT1-Y	STD-1	18
C2	CT2-Y	STD-2	18
C3	CT3-Y	STD-3	18
C0	CT1-G	CT2-G	18
C0	CT2-G	CT3-G	18
C0	CT3-G	STD-9	18
13	STD-5	SD-4	18
15	STD-9	SD-2	18
16	STD-4	SD-1	18
TA1	RED	STD-7	+
TA2	BLACK	STD-6	+
TA3	BLUE	STD-8	+



20B

+ DEVICE LEADS

DEVICE LIST

- CT - CURRENT SENSOR
- GND - GROUND CONNECTION
- PH - PHASE VOLTAGE
- SD - SECONDARY DISCONNECT
- STD - STATIC TRIP DEVICE
- TA - TRIP ACTUATOR

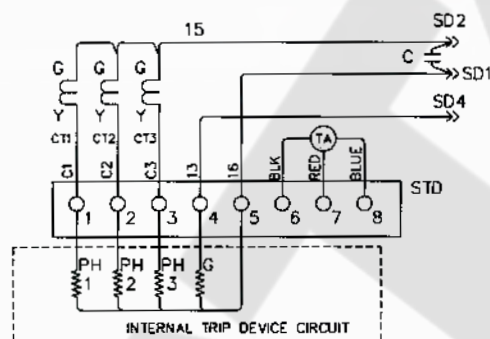
NOTES:

- WITH FIG. 20A OR 20B, FIG. 3A AND 3B AND 23A ARE NOT AVAILABLE.

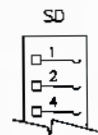
STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARKS WITHOUT APPROVAL
OF DESIGN ENGINEERING

01	07-06-93	08	03	01	187\48279400\13-16	AHT	4	96
02	04-30-96	08	03	01	187\48279400\13-16	SEM	4	96
FIG. [20A], [20B]					C	18-748-279-400		08
SPECIAL CONNECTION DIAGRAMS FOR STATIC TRIP III DEVICE					NGNE		14	

STATIC TRIP III "4WM"
WITH GROUND FAULT
NO NEUTRAL METERING
1 WINDING
SPECIAL

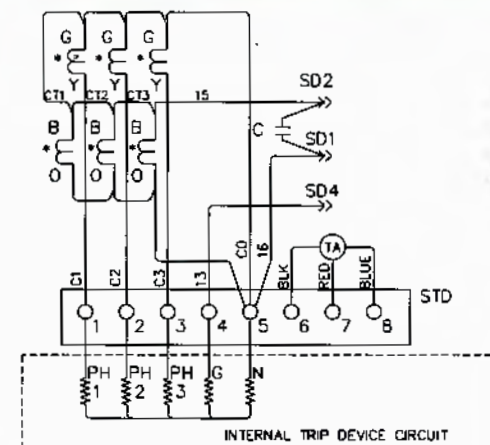


WIRE NO.	FROM	TO	WIRE
C1	CT1-Y	STD-1	18
C2	CT2-Y	STD-2	18
C3	CT3-Y	STD-3	18
C0	CT1-G	CT2-G	18
C0	CT2-G	CT3-G	18
13	STD-4	SD-4	18
15	CT3-G	SD-2	18
16	STD-5	SD-1	18
TA1	RED	STD-7	+
TA2	BLACK	STD-6	+
TA3	BLUE	STD-8	+

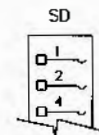


20C

STATIC TRIP III "4WM-NEC"
WITH GROUND FAULT
WITH NEUTRAL METERING
2 WINDING DUAL
SPECIAL



WIRE NO.	FROM	TO	WIRE
C1	CT1-Y	STD-1	18
C2	CT2-Y	STD-2	18
C3	CT3-Y	STD-3	18
C0	CT3-B	CT2-B	18
C0	CT2-B	CT1-B	18
C0	CT1-B	CT1-G	18
C0	CT1-G	CT2-G	18
C0	CT2-G	CT3-G	18
C0	CT3-G	STD-5	18
16	STD-5	SD-1	18
C0	CT1-O	CT2-O	18
C0	CT2-O	CT3-O	18
C0	CT3-O	STD-5	18
13	STD-4	SD-4	18
15	CT3-B	SD-2	18
TA1	RED	STD-7	+
TA2	BLACK	STD-6	+
TA3	BLUE	STD-8	+



20D

+ DEVICE LEADS

DEVICE LIST

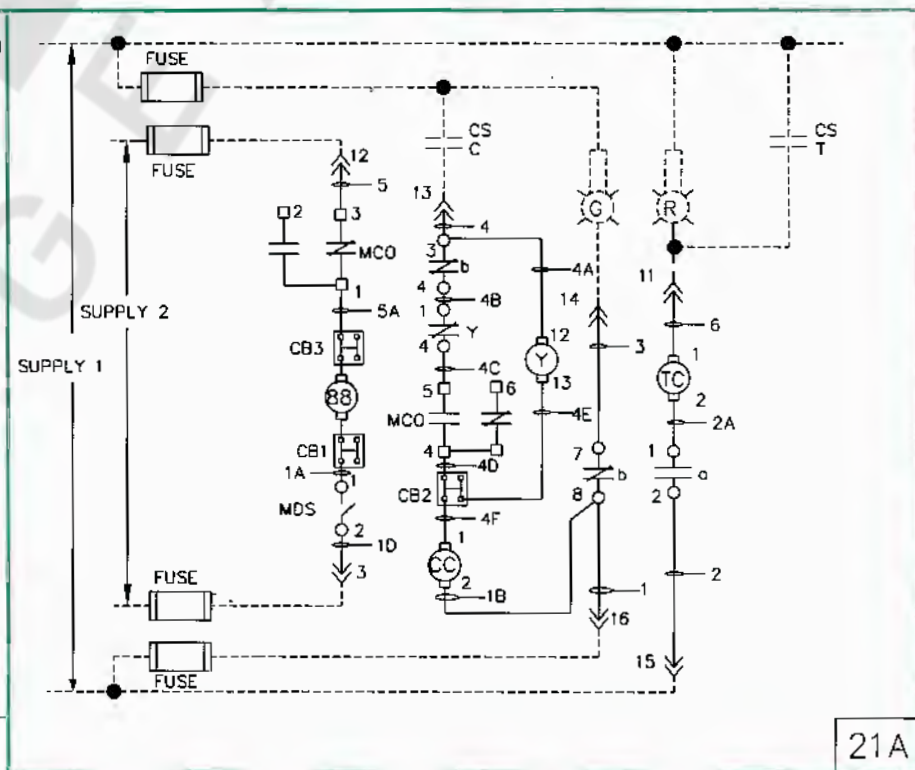
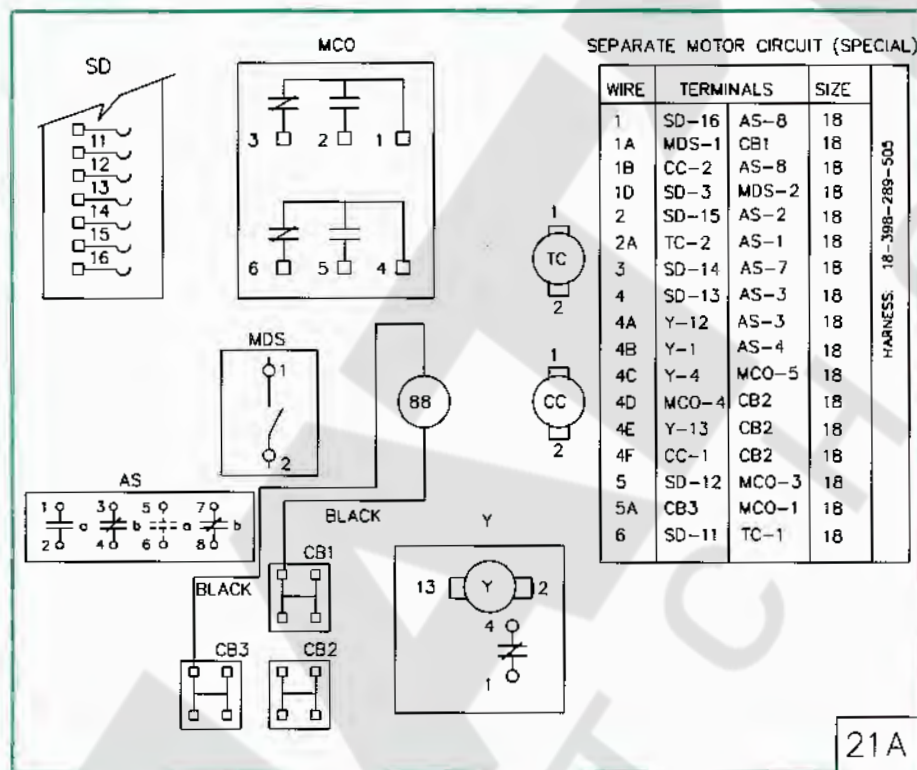
CT - CURRENT SENSOR
GND - GROUND CONNECTION
PH - PHASE VOLTAGE
SD - SECONDARY DISCONNECT
STD - STATIC TRIP DEVICE
TA - TRIP ACTUATOR

NOTES:

- WITH FIG. 20C OR 20D, FIG. 3A AND 3B AND 23A ARE NOT AVAILABLE
- CONTACT "C" IS CLOSED WHEN BREAKER IS OUT OF COMPARTMENT.

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARKS WITHOUT APPROVAL
OF DESIGN ENGINEERING

01	07-06-93	SEE SHEET #1	187\48279400\13-16	08
02	07-06-93	FIGURE 20C	18-748-279-400	08
03	07-06-93	FIGURE 20D	18-748-279-400	08
04	07-06-93	FIGURE 20E	18-748-279-400	08
05	07-06-93	FIGURE 20F	18-748-279-400	08
06	07-06-93	FIGURE 20G	18-748-279-400	08
07	07-06-93	FIGURE 20H	18-748-279-400	08
08	07-06-93	FIGURE 20I	18-748-279-400	08
09	07-06-93	FIGURE 20J	18-748-279-400	08
10	07-06-93	FIGURE 20K	18-748-279-400	08
11	07-06-93	FIGURE 20L	18-748-279-400	08
12	07-06-93	FIGURE 20M	18-748-279-400	08
13	07-06-93	FIGURE 20N	18-748-279-400	08
14	07-06-93	FIGURE 20O	18-748-279-400	08
15	07-06-93	FIGURE 20P	18-748-279-400	08
16	07-06-93	FIGURE 20Q	18-748-279-400	08
17	07-06-93	FIGURE 20R	18-748-279-400	08
18	07-06-93	FIGURE 20S	18-748-279-400	08
19	07-06-93	FIGURE 20T	18-748-279-400	08
20	07-06-93	FIGURE 20U	18-748-279-400	08
21	07-06-93	FIGURE 20V	18-748-279-400	08
22	07-06-93	FIGURE 20W	18-748-279-400	08
23	07-06-93	FIGURE 20X	18-748-279-400	08
24	07-06-93	FIGURE 20Y	18-748-279-400	08
25	07-06-93	FIGURE 20Z	18-748-279-400	08
26	07-06-93	FIGURE 20A	18-748-279-400	08
27	07-06-93	FIGURE 20B	18-748-279-400	08
28	07-06-93	FIGURE 20C	18-748-279-400	08
29	07-06-93	FIGURE 20D	18-748-279-400	08
30	07-06-93	FIGURE 20E	18-748-279-400	08
31	07-06-93	FIGURE 20F	18-748-279-400	08
32	07-06-93	FIGURE 20G	18-748-279-400	08
33	07-06-93	FIGURE 20H	18-748-279-400	08
34	07-06-93	FIGURE 20I	18-748-279-400	08
35	07-06-93	FIGURE 20J	18-748-279-400	08
36	07-06-93	FIGURE 20K	18-748-279-400	08
37	07-06-93	FIGURE 20L	18-748-279-400	08
38	07-06-93	FIGURE 20M	18-748-279-400	08
39	07-06-93	FIGURE 20N	18-748-279-400	08
40	07-06-93	FIGURE 20O	18-748-279-400	08
41	07-06-93	FIGURE 20P	18-748-279-400	08
42	07-06-93	FIGURE 20Q	18-748-279-400	08
43	07-06-93	FIGURE 20R	18-748-279-400	08
44	07-06-93	FIGURE 20S	18-748-279-400	08
45	07-06-93	FIGURE 20T	18-748-279-400	08
46	07-06-93	FIGURE 20U	18-748-279-400	08
47	07-06-93	FIGURE 20V	18-748-279-400	08
48	07-06-93	FIGURE 20W	18-748-279-400	08
49	07-06-93	FIGURE 20X	18-748-279-400	08
50	07-06-93	FIGURE 20Y	18-748-279-400	08
51	07-06-93	FIGURE 20Z	18-748-279-400	08
52	07-06-93	FIGURE 20A	18-748-279-400	08
53	07-06-93	FIGURE 20B	18-748-279-400	08
54	07-06-93	FIGURE 20C	18-748-279-400	08
55	07-06-93	FIGURE 20D	18-748-279-400	08
56	07-06-93	FIGURE 20E	18-748-279-400	08
57	07-06-93	FIGURE 20F	18-748-279-400	08
58	07-06-93	FIGURE 20G	18-748-279-400	08
59	07-06-93	FIGURE 20H	18-748-279-400	08
60	07-06-93	FIGURE 20I	18-748-279-400	08
61	07-06-93	FIGURE 20J	18-748-279-400	08
62	07-06-93	FIGURE 20K	18-748-279-400	08
63	07-06-93	FIGURE 20L	18-748-279-400	08
64	07-06-93	FIGURE 20M	18-748-279-400	08
65	07-06-93	FIGURE 20N	18-748-279-400	08
66	07-06-93	FIGURE 20O	18-748-279-400	08
67	07-06-93	FIGURE 20P	18-748-279-400	08
68	07-06-93	FIGURE 20Q	18-748-279-400	08
69	07-06-93	FIGURE 20R	18-748-279-400	08
70	07-06-93	FIGURE 20S	18-748-279-400	08
71	07-06-93	FIGURE 20T	18-748-279-400	08
72	07-06-93	FIGURE 20U	18-748-279-400	08
73	07-06-93	FIGURE 20V	18-748-279-400	08
74	07-06-93	FIGURE 20W	18-748-279-400	08
75	07-06-93	FIGURE 20X	18-748-279-400	08
76	07-06-93	FIGURE 20Y	18-748-279-400	08
77	07-06-93	FIGURE 20Z	18-748-279-400	08
78	07-06-93	FIGURE 20A	18-748-279-400	08
79	07-06-93	FIGURE 20B	18-748-279-400	08
80	07-06-93	FIGURE 20C	18-748-279-400	08
81	07-06-93	FIGURE 20D	18-748-279-400	08
82	07-06-93	FIGURE 20E	18-748-279-400	08
83	07-06-93	FIGURE 20F	18-748-279-400	08
84	07-06-93	FIGURE 20G	18-748-279-400	08
85	07-06-93	FIGURE 20H	18-748-279-400	08
86	07-06-93	FIGURE 20I	18-748-279-400	08
87	07-06-93	FIGURE 20J	18-748-279-400	08
88	07-06-93	FIGURE 20K	18-748-279-400	08
89	07-06-93	FIGURE 20L	18-748-279-400	08
90	07-06-93	FIGURE 20M	18-748-279-400	08
91	07-06-93	FIGURE 20N	18-748-279-400	08
92	07-06-93	FIGURE 20O	18-748-279-400	08
93	07-06-93	FIGURE 20P	18-748-279-400	08
94	07-06-93	FIGURE 20Q	18-748-279-400	08
95	07-06-93	FIGURE 20R	18-748-279-400	08
96	07-06-93	FIGURE 20S	18-748-279-400	08
97	07-06-93	FIGURE 20T	18-748-279-400	08
98	07-06-93	FIGURE 20U	18-748-279-400	08
99	07-06-93	FIGURE 20V	18-748-279-400	08
100	07-06-93	FIGURE 20W	18-748-279-400	08



DEVICE LIST

- CC - CLOSING COIL (SPRING RELEASE)
- TC - SHUNT TRIP COIL
- 88 - SPRING CHARGING MOTOR
- MCO - MOTOR CUTOFF SWITCH
- MDS - MOTOR ON-OFF SWITCH
- Y - CLOSING RELAY, ANTI-PUMP
- a - AUXILIARY SWITCH CONTACT OPEN WHEN BREAKER IS OPEN
- b - AUXILIARY SWITCH CONTACT CLOSED WHEN BREAKER IS OPEN
- R - RED INDICATION LAMP, BKR. CLOSED
- G - GREEN INDICATION LAMP, BKR. OPEN
- CS/C- CONTROL SWITCH, CLOSE CONTACT
- CS/T- CONTROL SWITCH, TRIP CONTACT
- AS - AUXILIARY SWITCH
- SD - SECONDARY DISCONNECT

NOTES

- 1 FIGURES 3A, 3B, AND 6D NOT AVAILABLE WITH THIS FEATURE

CLASS "C" WIRING

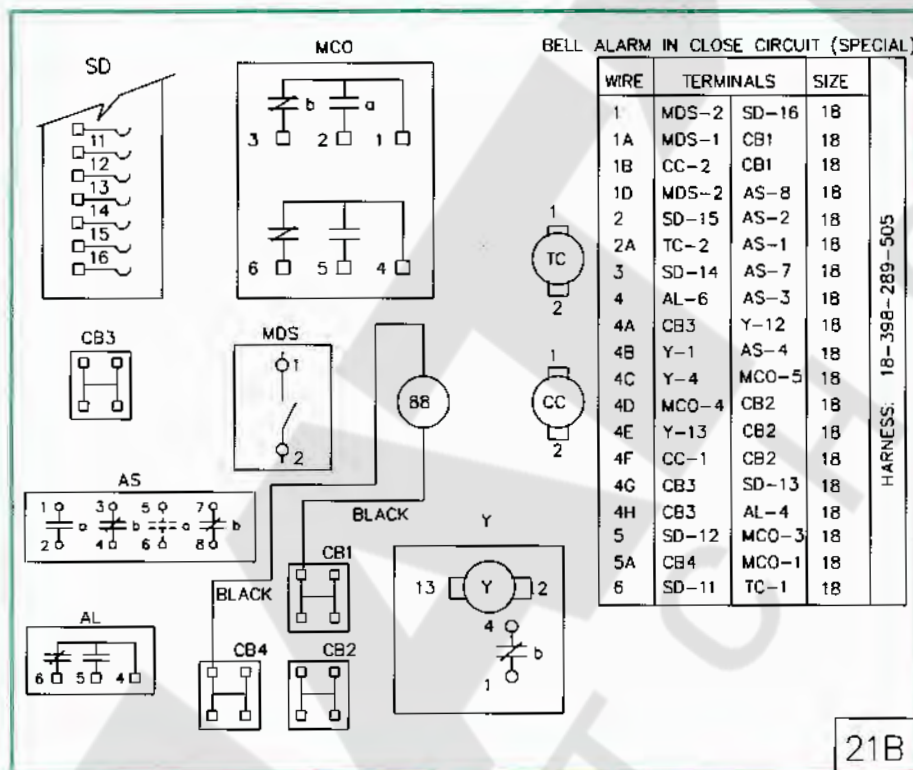
- #14 WIRE SIS. 00-557-286-341
- #18 WIRE SIS. 00-557-286-003

- - SINGLE FASTON TAB, ONE CONNECTION ONLY
- - MULTIPLE CONNECTIONS POSSIBLE

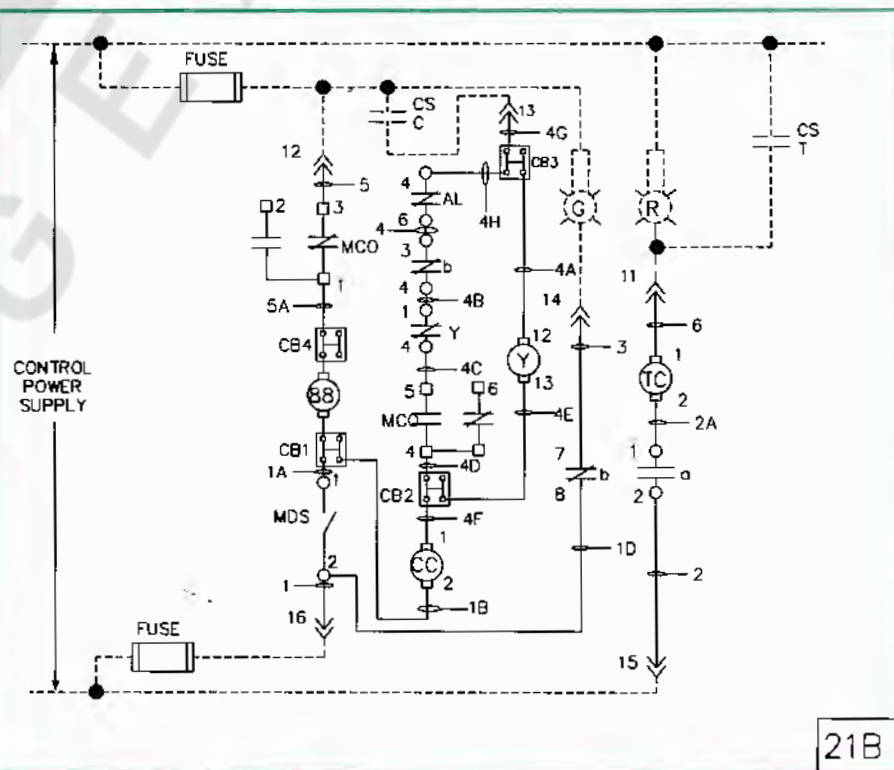
STANDARD DRAWING

DO NOT DESTROY, CHANGE OR ADD MARKS W/O APPROVAL OF DESIGN ENGINEERING.

01	07-08-93	06	03	01	AMT	02	35
02	08-23-93	06	03	01	SEM	02	35
03	02-16-95	06	03	01	SEM	02	35
FIG [21A]		187\48279400\13-16		C		02-16-95	18-748-279-400
RL WIRING DIAGRAM (SPECIAL)		NONE		16			



21B



21B

DEVICE LIST

- CC - CLOSING COIL (SPRING RELEASE)
- TC - SHUNT TRIP COIL
- 88 - SPRING CHARGING MOTOR
- MCO - MOTOR CUTOFF SWITCH
- MDS - MOTOR ON-OFF SWITCH
- Y - CLOSING RELAY, ANTI-PUMP
- a - AUXILIARY SWITCH CONTACT OPEN WHEN BREAKER IS OPEN
- b - AUXILIARY SWITCH CONTACT CLOSED WHEN BREAKER IS OPEN
- R - RED INDICATION LAMP, BKR. CLOSED
- G - GREEN INDICATION LAMP, BKR. OPEN
- CS/C - CONTROL SWITCH, CLOSE CONTACT
- CS/T - CONTROL SWITCH, TRIP CONTACT
- AS - AUXILIARY SWITCH
- SD - SECONDARY DISCONNECT

NOTES

- 1 FIGURES 5B, 5C, 5D, AND 6D NOT AVAILABLE WITH THIS FEATURE.

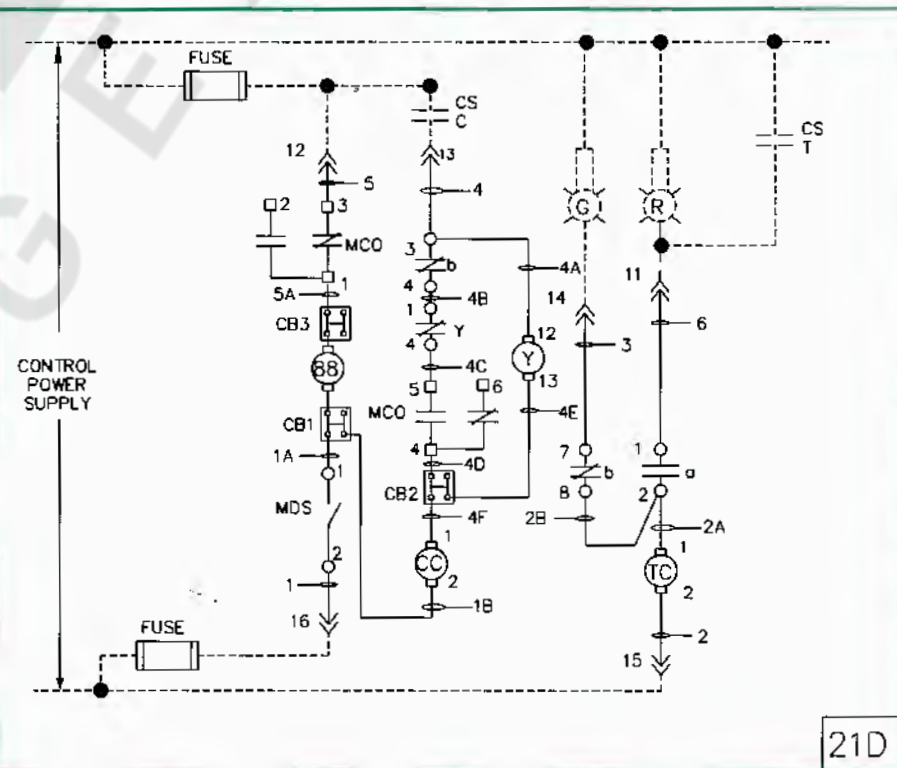
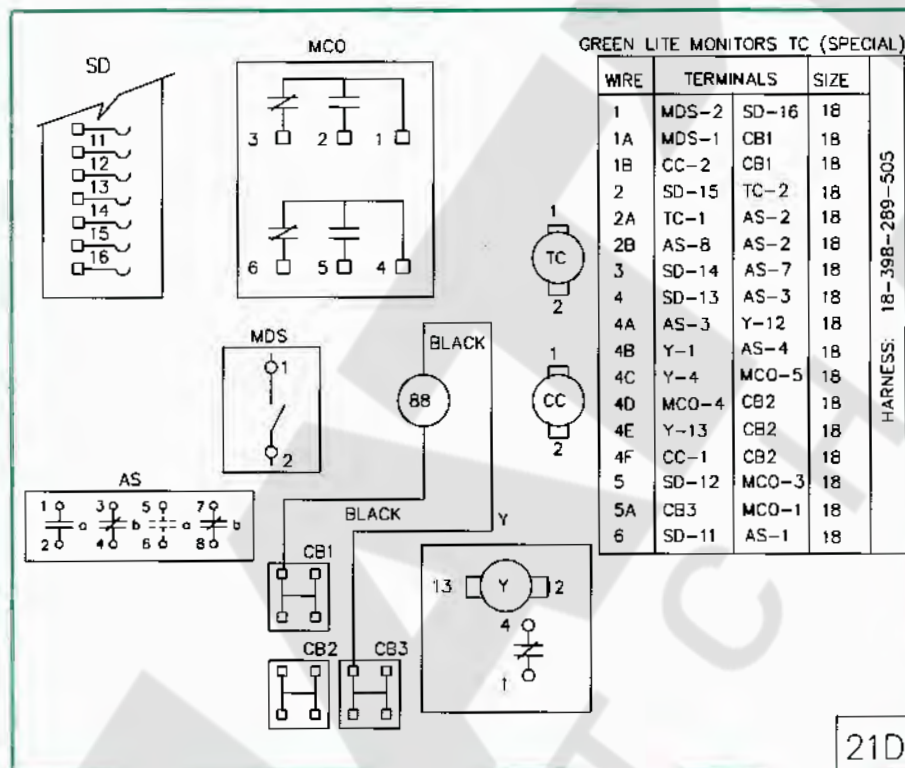
CLASS "C" WIRING

- #14 WIRE SIS. 00-557-286-341
- #18 WIRE SIS. 00-557-286-003

- - SINGLE FASTON TAB, ONE CONNECTION ONLY
- - MULTIPLE CONNECTIONS POSSIBLE

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARKS W/O APPROVAL
OF DESIGN ENGINEERING

01	07-05-93	06	03	05
02	08-23-93	07	04	06
03	09-16-93	08	05	07
04	10-16-93	09	06	08
05	11-16-93	10	07	09
06	12-16-93	11	08	10
07	01-16-94	12	09	11
08	02-16-94	13	10	12
09	03-16-94	14	11	13
10	04-16-94	15	12	14
11	05-16-94	16	13	15
12	06-16-94	17	14	16
13	07-16-94	18	15	17
14	08-16-94	19	16	18
15	09-16-94	20	17	19
16	10-16-94	21	18	20
17	11-16-94	22	19	21
18	12-16-94	23	20	22
19	01-16-95	24	21	23
20	02-16-95	25	22	24
21	03-16-95	26	23	25
22	04-16-95	27	24	26
23	05-16-95	28	25	27
24	06-16-95	29	26	28
25	07-16-95	30	27	29
26	08-16-95	31	28	30
27	09-16-95	32	29	31
28	10-16-95	33	30	32
29	11-16-95	34	31	33
30	12-16-95	35	32	34
31	01-16-96	36	33	35
32	02-16-96	37	34	36
33	03-16-96	38	35	37
34	04-16-96	39	36	38
35	05-16-96	40	37	39
36	06-16-96	41	38	40
37	07-16-96	42	39	41
38	08-16-96	43	40	42
39	09-16-96	44	41	43
40	10-16-96	45	42	44
41	11-16-96	46	43	45
42	12-16-96	47	44	46
43	01-16-97	48	45	47
44	02-16-97	49	46	48
45	03-16-97	50	47	49
46	04-16-97	51	48	50
47	05-16-97	52	49	51
48	06-16-97	53	50	52
49	07-16-97	54	51	53
50	08-16-97	55	52	54
51	09-16-97	56	53	55
52	10-16-97	57	54	56
53	11-16-97	58	55	57
54	12-16-97	59	56	58
55	01-16-98	60	57	59
56	02-16-98	61	58	60
57	03-16-98	62	59	61
58	04-16-98	63	60	62
59	05-16-98	64	61	63
60	06-16-98	65	62	64
61	07-16-98	66	63	65
62	08-16-98	67	64	66
63	09-16-98	68	65	67
64	10-16-98	69	66	68
65	11-16-98	70	67	69
66	12-16-98	71	68	70
67	01-16-99	72	69	71
68	02-16-99	73	70	72
69	03-16-99	74	71	73
70	04-16-99	75	72	74
71	05-16-99	76	73	75
72	06-16-99	77	74	76
73	07-16-99	78	75	77
74	08-16-99	79	76	78
75	09-16-99	80	77	79
76	10-16-99	81	78	80
77	11-16-99	82	79	81
78	12-16-99	83	80	82
79	01-16-00	84	81	83
80	02-16-00	85	82	84
81	03-16-00	86	83	85
82	04-16-00	87	84	86
83	05-16-00	88	85	87
84	06-16-00	89	86	88
85	07-16-00	90	87	89
86	08-16-00	91	88	90
87	09-16-00	92	89	91
88	10-16-00	93	90	92
89	11-16-00	94	91	93
90	12-16-00	95	92	94
91	01-16-01	96	93	95
92	02-16-01	97	94	96
93	03-16-01	98	95	97
94	04-16-01	99	96	98
95	05-16-01	100	97	99
96	06-16-01	101	98	100
97	07-16-01	102	99	101
98	08-16-01	103	100	102
99	09-16-01	104	101	103
100	10-16-01	105	102	104
101	11-16-01	106	103	105
102	12-16-01	107	104	106
103	01-16-02	108	105	107
104	02-16-02	109	106	108
105	03-16-02	110	107	109
106	04-16-02	111	108	110
107	05-16-02	112	109	111
108	06-16-02	113	110	112
109	07-16-02	114	111	113
110	08-16-02	115	112	114
111	09-16-02	116	113	115
112	10-16-02	117	114	116
113	11-16-02	118	115	117
114	12-16-02	119	116	118
115	01-16-03	120	117	119
116	02-16-03	121	118	120
117	03-16-03	122	119	121
118	04-16-03	123	120	122
119	05-16-03	124	121	123
120	06-16-03	125	122	124
121	07-16-03	126	123	125
122	08-16-03	127	124	126
123	09-16-03	128	125	127
124	10-16-03	129	126	128
125	11-16-03	130	127	129
126	12-16-03	131	128	130
127	01-16-04	132	129	131
128	02-16-04	133	130	132
129	03-16-04	134	131	133
130	04-16-04	135	132	134
131	05-16-04	136	133	135
132	06-16-04	137	134	136
133	07-16-04	138	135	137
134	08-16-04	139	136	138
135	09-16-04	140	137	139
136	10-16-04	141	138	140
137	11-16-04	142	139	141
138	12-16-04	143	140	142
139	01-16-05	144	141	143
140	02-16-05	145	142	144
141	03-16-05	146	143	145
142	04-16-05	147	144	146
143	05-16-05	148	145	147
144	06-16-05	149	146	148
145	07-16-05	150	147	149
146	08-16-05	151	148	150
147	09-16-05	152	149	151
148	10-16-05	153	150	152
149	11-16-05	154	151	153
150	12-16-05	155	152	154
151	01-16-06	156	153	155
152	02-16-06	157	154	156
153	03-16-06	158	155	157
154	04-16-06	159	156	158
155	05-16-06	160	157	159
156	06-16-06	161	158	160
157	07-16-06	162	159	161
158	08-16-06	163	160	162
159	09-16-06	164	161	163
160	10-16-06	165	162	164
161	11-16-06	166	163	165
162	12-16-06	167	164	166
163	01-16-07	168	165	167
164	02-16-07	169	166	168
165	03-16-07	170	167	169
166	04-16-07	171	168	170
167	05-16-07	172	169	171
168	06-16-07	173	170	172
169	07-16-07	174	171	173
170	08-16-07	175	172	174
171	09-16-07	176	173	175
172	10-16-07	177	174	176
173	11-16-07	178	175	177
174	12-16-07	179	176	178
175	01-16-08	180	177	179
176	02-16-08	181	178	180
177	03-16-08	182	179	181
178	04-16-08	183	180	182
179	05-16-08	184	181	183
180	06-16-08	185	182	184
181	07-16-08	186	183	185
182	08-16-08	187	184	186
183	09-16-08	188	185	187
184	10-16-08	189	186	188
185	11-16-08	190	187	189
186	12-16-08	191	188	190
187	01-16-09	192	189	191
188	02-16-09	193	190	192
189	03-16-09	194	191	193
190	04-16-09	195	192	194
191	05-16-09	196	193	195
192	06-16-09	197	194	196
193	07-16-09	198	195	197
194	08-16-09	199	196	



DEVICE LIST

- CC - CLOSING COIL (SPRING RELEASE)
- TC - SHUNT TRIP COIL
- 88 - SPRING CHARGING MOTOR
- MCO - MOTOR CUTOFF SWITCH
- MDS - MOTOR ON-OFF SWITCH
- Y - CLOSING RELAY, ANTI-PUMP
- o - AUXILIARY SWITCH CONTACT OPEN WHEN BREAKER IS OPEN
- b - AUXILIARY SWITCH CONTACT CLOSED WHEN BREAKER IS OPEN
- R - RED INDICATION LAMP, BKR. CLOSED
- G - GREEN INDICATION LAMP, BKR. OPEN
- CS/C- CONTROL SWITCH, CLOSE CONTACT
- CS/T- CONTROL SWITCH, TRIP CONTACT
- AS - AUXILIARY SWITCH
- SD - SECONDARY DISCONNECT

NOTES:

1. FIGURE 6D NOT AVAILABLE WITH THIS FEATURE

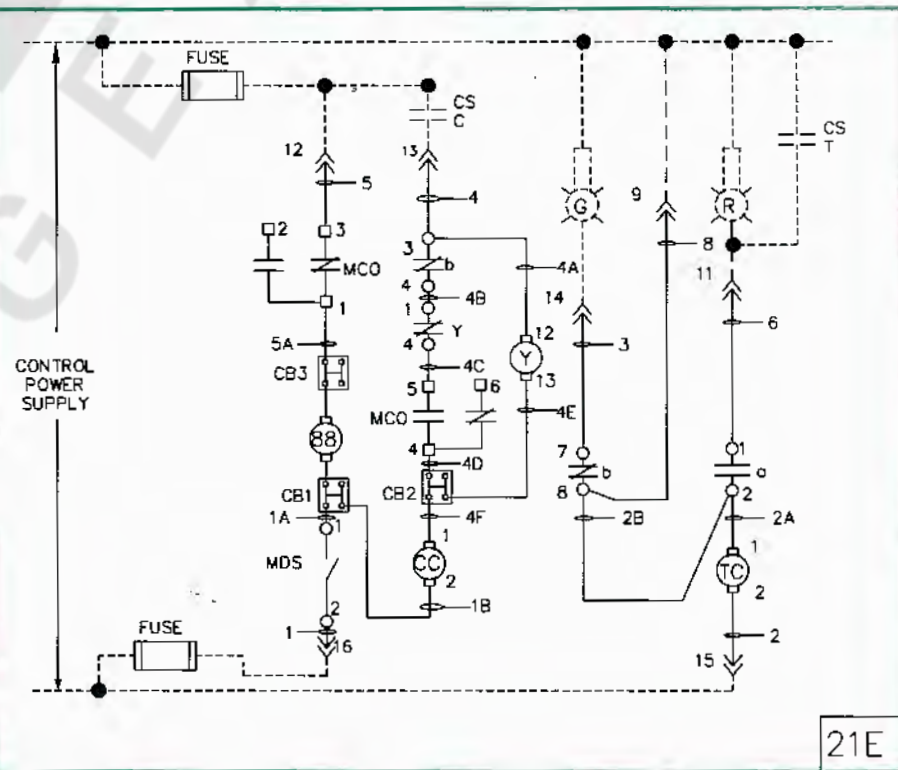
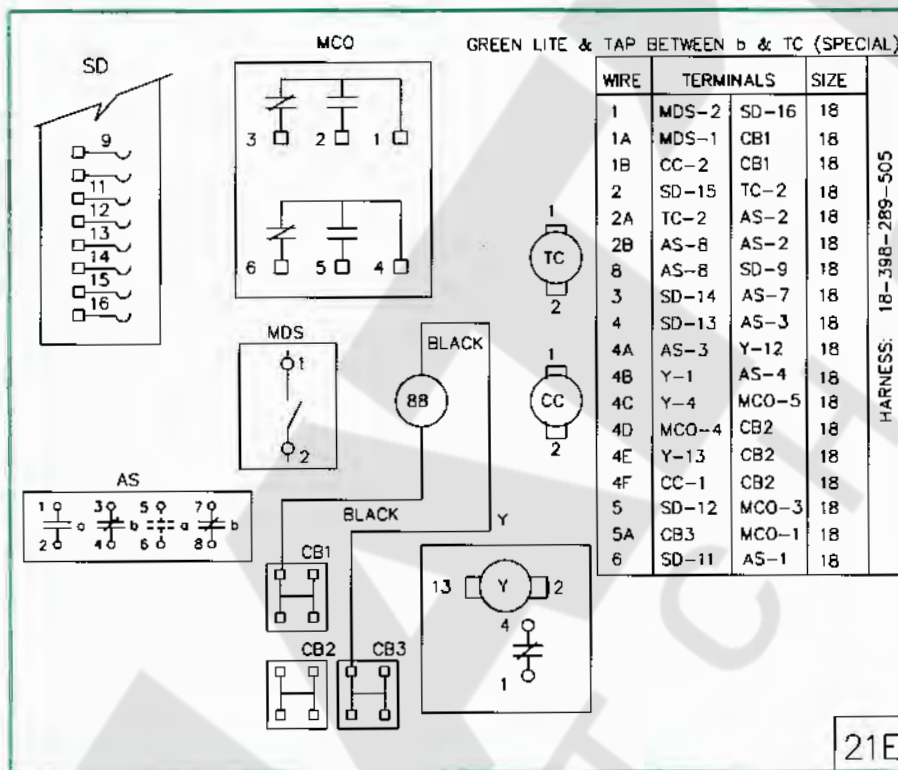
CLASS "C" WIRING

- #14 WIRE SIS. 00-557-286-341
- #18 WIRE SIS. 00-557-286-003

- - SINGLE FASTON TAB, ONE CONNECTION ONLY
- - MULTIPLE CONNECTIONS POSSIBLE

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARKS, NOTS AND APPROVAL
OF DESIGN ENGINEERING

UT	07-08-93	06	03	01
APPROVED WIRING DIAG				
WIRING SCHEDULE	02-08-93			
SEE SHEET #1	02-18-93			
187\48279400\17-20				
FIG [210]				
C	02-18-93	18-748-279-400	05	
RL WIRING DIAGRAM (SPECIAL)		NONE		19



DEVICE LIST

- CC - CLOSING COIL (SPRING RELEASE)
- TC - SHUNT TRIP COIL
- 88 - SPRING CHARGING MOTOR
- MCO - MOTOR CUTOFF SWITCH
- MDS - MOTOR ON-OFF SWITCH
- Y - CLOSING RELAY, ANTI-PUMP
- a - AUXILIARY SWITCH CONTACT OPEN WHEN BREAKER IS OPEN
- b - AUXILIARY SWITCH CONTACT CLOSED WHEN BREAKER IS OPEN
- R - RED INDICATION LAMP, BKR. CLOSED
- G - GREEN INDICATION LAMP, BKR. OPEN
- CS/C - CONTROL SWITCH, CLOSE CONTACT
- CS/T - CONTROL SWITCH, TRIP CONTACT
- AS - AUXILIARY SWITCH
- SD - SECONDARY DISCONNECT

NOTES

- 1 FIGURES 4A, 4B, 4C AND 6D NOT AVAILABLE WITH THIS FEATURE

CLASS "C" WIRING

- #14 WIRE SIS. 00-557-286-341
- #18 WIRE SIS. 00-557-288-003

- - SINGLE FASTON TAB, ONE CONNECTION ONLY
- - MULTIPLE CONNECTIONS POSSIBLE

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARKS HERE, AND APPROVAL
OF DESIGN ENGINEERING

01	07-06-93	06	03	01
02	08-23-93	07	03	01
03	09-23-93	08	03	01
04	10-23-93	09	03	01
05	11-23-93	10	03	01
06	12-23-93	11	03	01
07	01-24-94	12	03	01
08	02-24-94	13	03	01
09	03-24-94	14	03	01
10	04-24-94	15	03	01
11	05-24-94	16	03	01
12	06-24-94	17	03	01
13	07-24-94	18	03	01
14	08-24-94	19	03	01
15	09-24-94	20	03	01
16	10-24-94	21	03	01
17	11-24-94	22	03	01
18	12-24-94	23	03	01
19	01-25-95	24	03	01
20	02-25-95	25	03	01
21	03-25-95	26	03	01
22	04-25-95	27	03	01
23	05-25-95	28	03	01
24	06-25-95	29	03	01
25	07-25-95	30	03	01
26	08-25-95	31	03	01
27	09-25-95	32	03	01
28	10-25-95	33	03	01
29	11-25-95	34	03	01
30	12-25-95	35	03	01
31	01-26-96	36	03	01
32	02-26-96	37	03	01
33	03-26-96	38	03	01
34	04-26-96	39	03	01
35	05-26-96	40	03	01
36	06-26-96	41	03	01
37	07-26-96	42	03	01
38	08-26-96	43	03	01
39	09-26-96	44	03	01
40	10-26-96	45	03	01
41	11-26-96	46	03	01
42	12-26-96	47	03	01
43	01-27-97	48	03	01
44	02-27-97	49	03	01
45	03-27-97	50	03	01
46	04-27-97	51	03	01
47	05-27-97	52	03	01
48	06-27-97	53	03	01
49	07-27-97	54	03	01
50	08-27-97	55	03	01
51	09-27-97	56	03	01
52	10-27-97	57	03	01
53	11-27-97	58	03	01
54	12-27-97	59	03	01
55	01-28-98	60	03	01
56	02-28-98	61	03	01
57	03-28-98	62	03	01
58	04-28-98	63	03	01
59	05-28-98	64	03	01
60	06-28-98	65	03	01
61	07-28-98	66	03	01
62	08-28-98	67	03	01
63	09-28-98	68	03	01
64	10-28-98	69	03	01
65	11-28-98	70	03	01
66	12-28-98	71	03	01
67	01-29-99	72	03	01
68	02-29-99	73	03	01
69	03-29-99	74	03	01
70	04-29-99	75	03	01
71	05-29-99	76	03	01
72	06-29-99	77	03	01
73	07-29-99	78	03	01
74	08-29-99	79	03	01
75	09-29-99	80	03	01
76	10-29-99	81	03	01
77	11-29-99	82	03	01
78	12-29-99	83	03	01
79	01-30-00	84	03	01
80	02-30-00	85	03	01
81	03-30-00	86	03	01
82	04-30-00	87	03	01
83	05-30-00	88	03	01
84	06-30-00	89	03	01
85	07-30-00	90	03	01
86	08-30-00	91	03	01
87	09-30-00	92	03	01
88	10-30-00	93	03	01
89	11-30-00	94	03	01
90	12-30-00	95	03	01
91	01-31-01	96	03	01
92	02-31-01	97	03	01
93	03-31-01	98	03	01
94	04-31-01	99	03	01
95	05-31-01	100	03	01

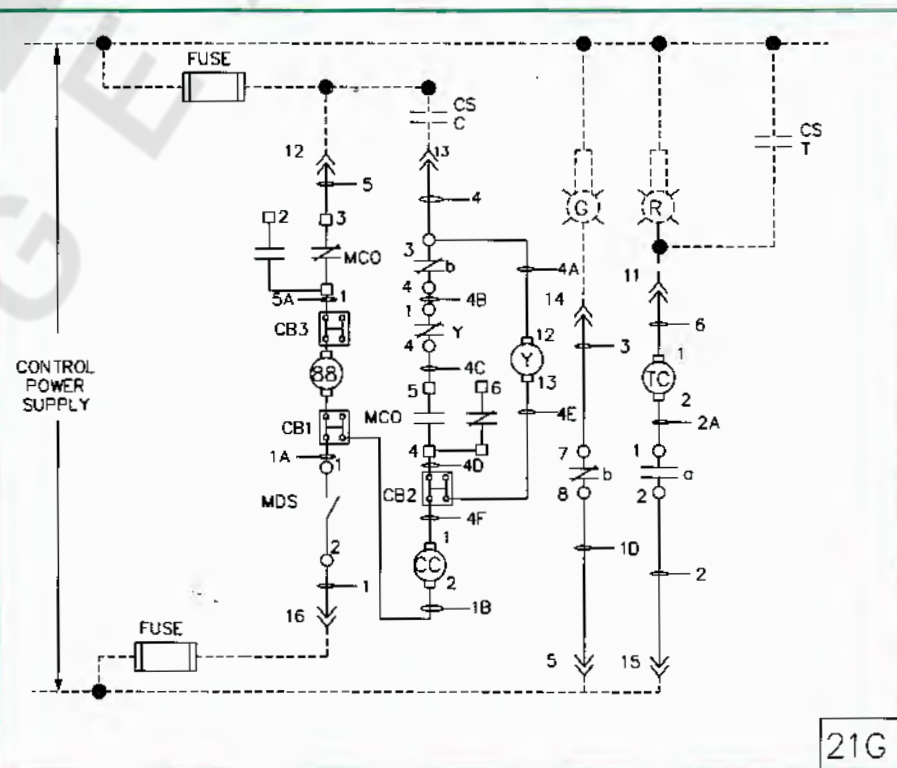
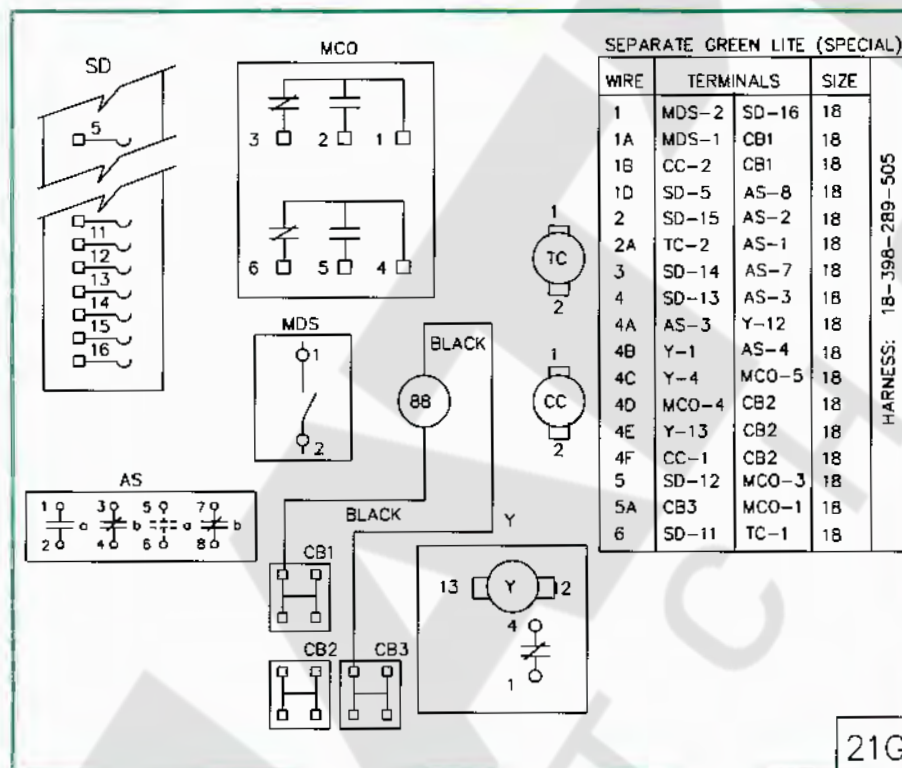
FIG [21E]

RL WIRING DIAGRAM (SPECIAL)

18-748-279-400

20

...\\Desktop\\BP Photos\\21.DWG 11/17/2005 9:17:08 AM



DEVICE LIST

- CC - CLOSING COIL (SPRING RELEASE)
- TC - SHUNT TRIP COIL
- 88 - SPRING CHARGING MOTOR
- MCO - MOTOR CUTOFF SWITCH
- MDS - MOTOR ON-OFF SWITCH
- Y - CLOSING RELAY, ANTI-PUMP
- o - AUXILIARY SWITCH CONTACT OPEN WHEN BREAKER IS OPEN
- b - AUXILIARY SWITCH CONTACT CLOSED WHEN BREAKER IS OPEN
- R - RED INDICATION LAMP, BKR. CLOSED
- G - GREEN INDICATION LAMP, BKR. OPEN
- CS/C- CONTROL SWITCH, CLOSE CONTACT
- CS/T- CONTROL SWITCH, TRIP CONTACT
- AS - AUXILIARY SWITCH
- SD - SECONDARY DISCONNECT

NOTES

1 FIGURES 5A, 5B, 5C, 5D, 5E, 5F, AND 5G NOT AVAILABLE WITH THIS FEATURE

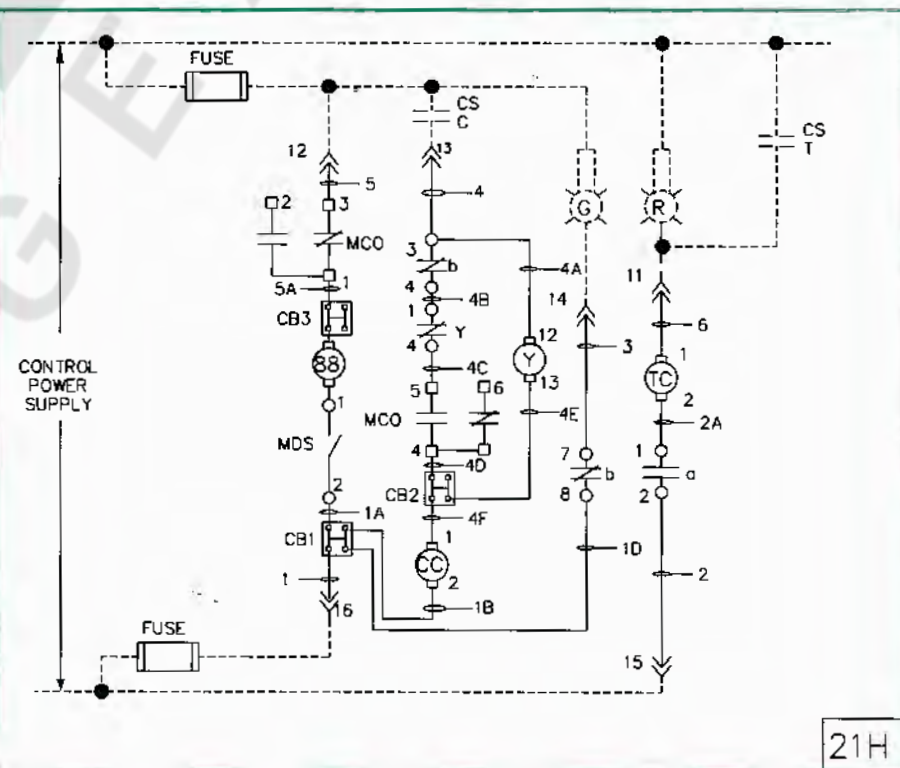
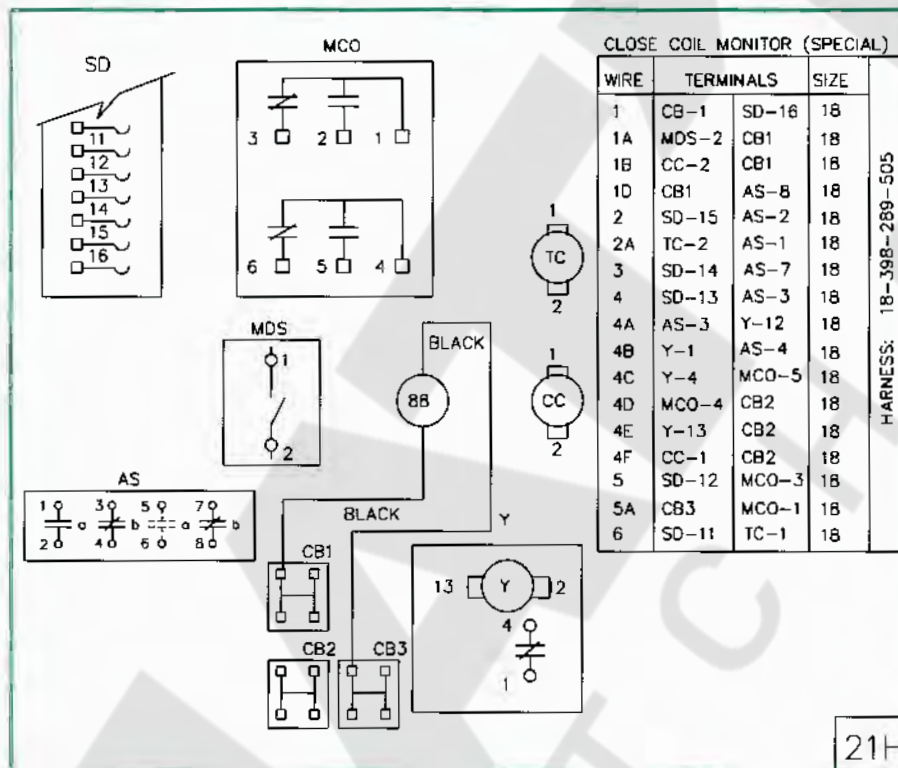
CLASS "C" WIRING

#14 WIRE SIS. 00-557-286-341
#18 WIRE SIS. 00-557-286-003

- - SINGLE FASTON TAB, ONE CONNECTION ONLY
- - MULTIPLE CONNECTIONS POSSIBLE

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARK NO'S w/o APPROVAL
OF DESIGN ENGINEERING

01	07-08-93	06	03	01
02	08-23-93	AMT	SEM	4
187\48279400\21-24				
18-748-279-400 08				
RL WIRING DIAGRAM (SPECIAL)				
NONE				
22				



DEVICE LIST

- CC - CLOSING COIL (SPRING RELEASE)
- TC - SHUNT TRIP COIL
- BB - SPRING CHARGING MOTOR
- MCO - MOTOR CUTOFF SWITCH
- MDS - MOTOR ON-OFF SWITCH
- Y - CLOSING RELAY, ANTI-PUMP
- a - AUXILIARY SWITCH CONTACT OPEN WHEN BREAKER IS OPEN
- b - AUXILIARY SWITCH CONTACT CLOSED WHEN BREAKER IS OPEN
- R - RED INDICATION LAMP, BKR. CLOSED
- G - GREEN INDICATION LAMP, BKR. OPEN
- CS/C- CONTROL SWITCH, CLOSE CONTACT
- CS/T- CONTROL SWITCH, TRIP CONTACT
- AS - AUXILIARY SWITCH
- SD - SECONDARY DISCONNECT

NOTES

1 FIGURE 6D NOT AVAILABLE WITH THIS FEATURE

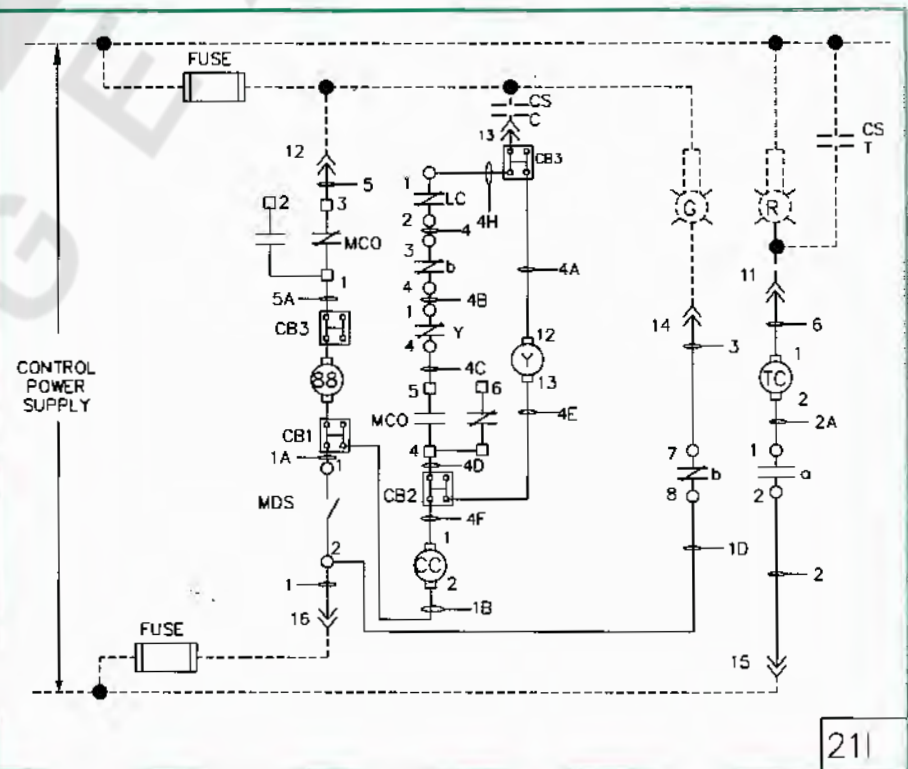
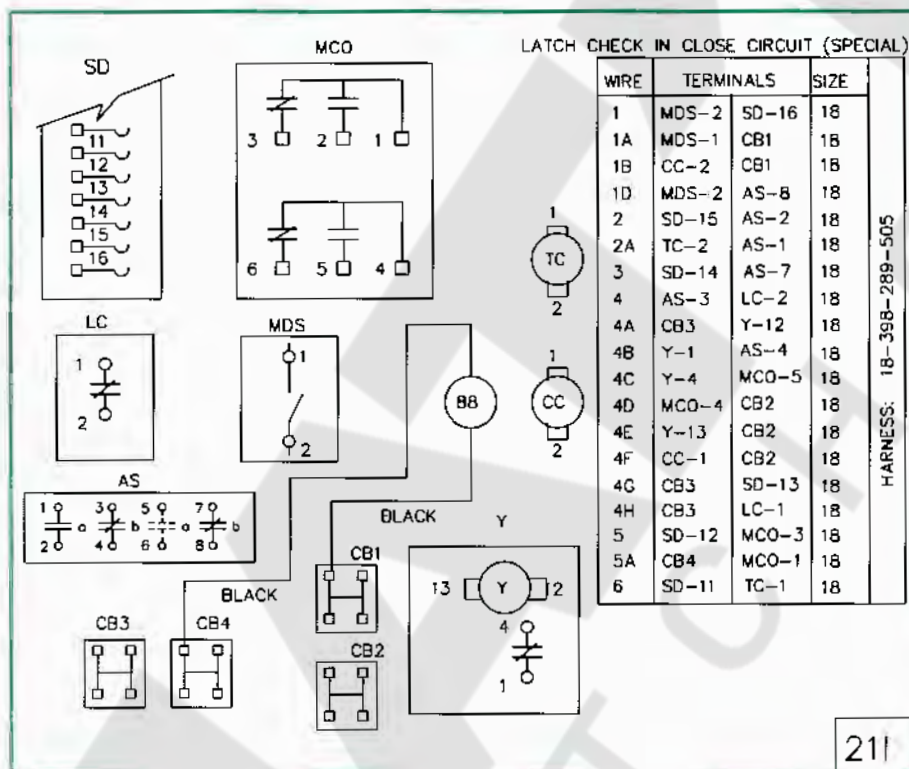
CLASS "C" WIRING

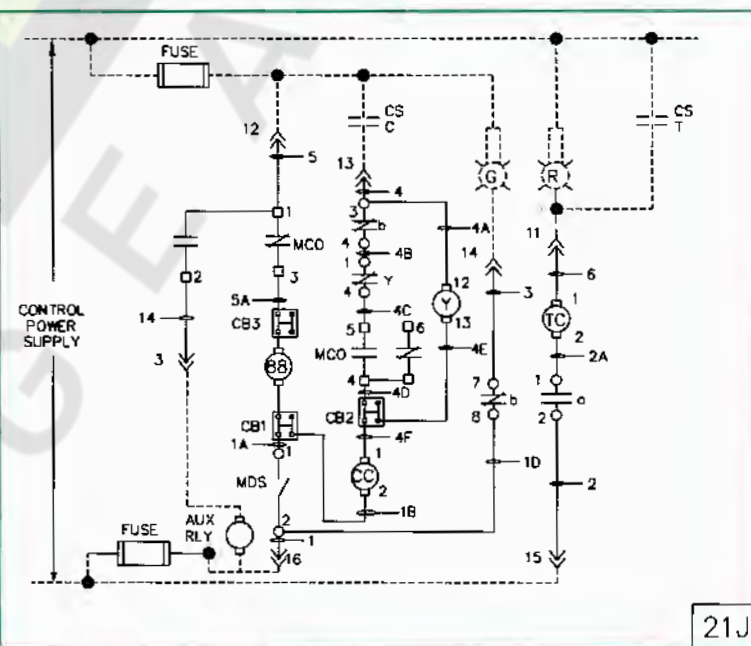
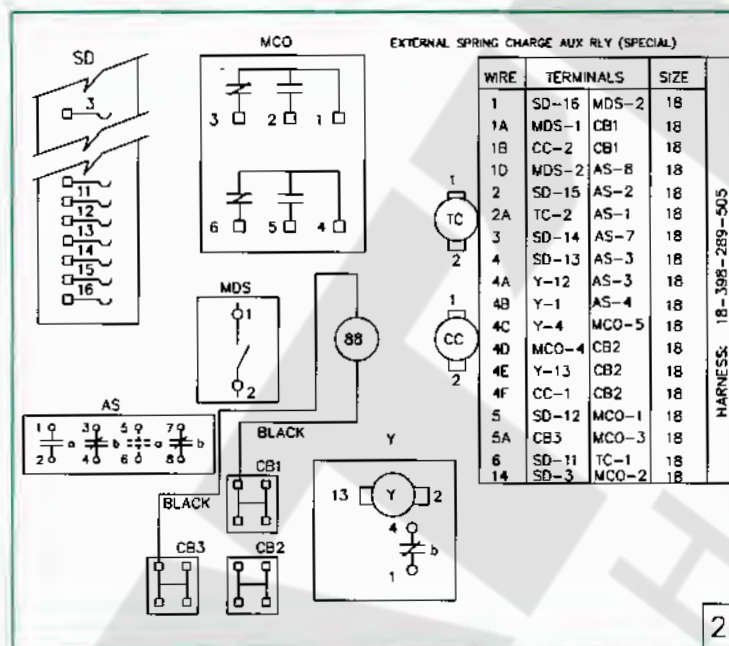
#14 WIRE SIS. 00-557-286-341
#18 WIRE SIS. 00-557-286-003

- - SINGLE FASTON TAB, ONE CONNECTION ONLY
- - MULTIPLE CONNECTIONS POSSIBLE

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARKINGS WITHOUT APPROVAL
OF DESIGN ENGINEERING

01	07-06-93	06	03	01
02	08-23-93	07	03	01
03	02-16-95	08	03	01
187\48279400\21-24				
AHT SEM 95				
FIG. [21H]		C	02-16-95	18-748-279-400 05
RL WIRING DIAGRAM (SPECIAL)		NONE		23





DEVICE LIST

- CC - CLOSING COIL (SPRING RELEASE)
- TC - SHUNT TRIP COIL
- SS - SPRING CHARGING MOTOR
- MCO - MOTOR CUTOFF SWITCH
- MDS - MOTOR ON-OFF SWITCH
- Y - CLOSING RELAY, ANTI-PUMP
- a - AUXILIARY SWITCH CONTACT
- b - OPEN WHEN BREAKER IS OPEN
- Y - AUXILIARY SWITCH CONTACT
- Y - CLOSED WHEN BREAKER IS OPEN
- R - RED INDICATION LAMP, BKR. CLOSED
- G - GREEN INDICATION LAMP, BKR. OPEN
- CS/C- CONTROL SWITCH, CLOSE CONTACT
- CS/T- CONTROL SWITCH, TRIP CONTACT
- AS - AUXILIARY SWITCH
- SD - SECONDARY DISCONNECT

NOTES

1. FIGURES 3A, 3B, 3C, 6D AND 23A NOT AVAILABLE WITH THIS OPTION

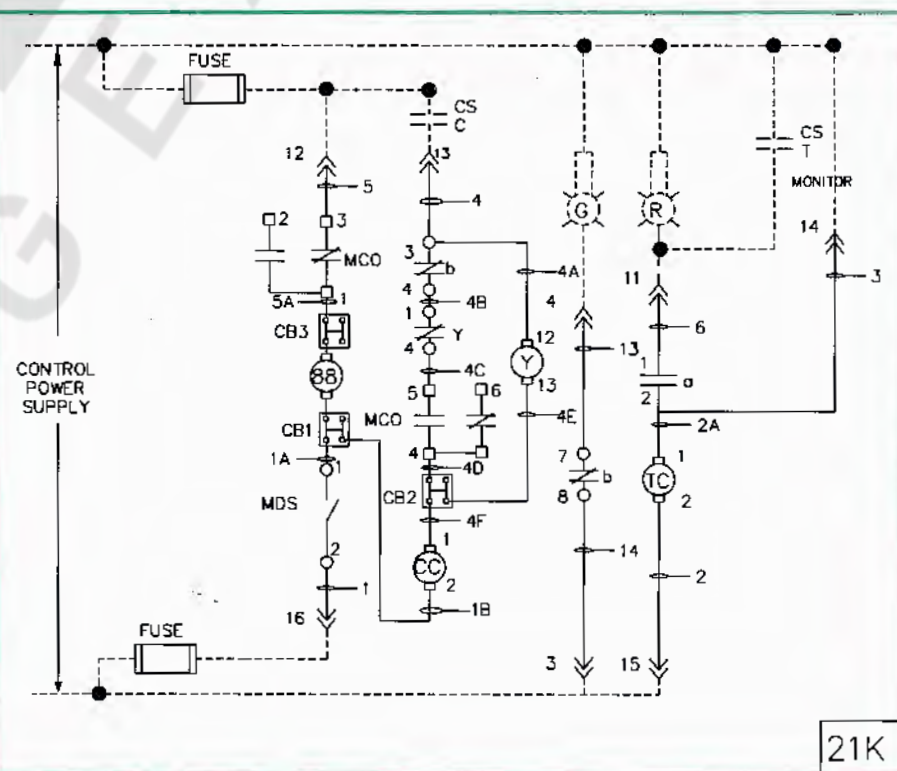
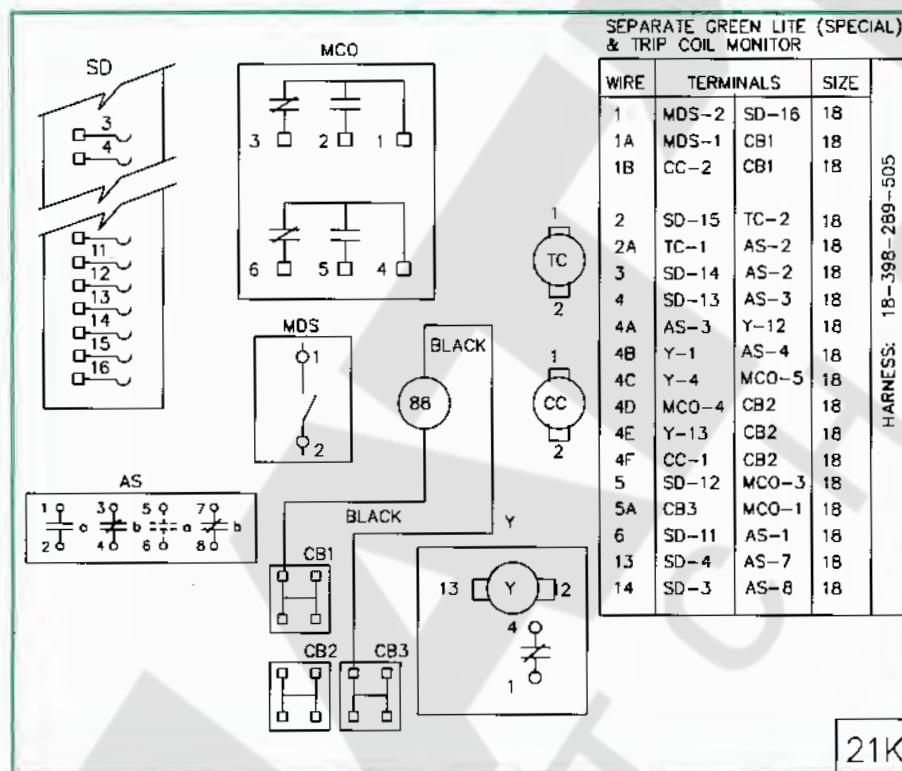
CLASS "C" WIRING

- #14 WIRE SIS. 00-557-288-341
- #18 WIRE SIS. 00-557-288-003

- - SINGLE FASTON TAB, ONE CONNECTION ONLY
- - MULTIPLE CONNECTIONS POSSIBLE

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARKS HERE WITHOUT
THE DESIGN ENGINEER'S
APPROVAL

01	01-18-03	06	06-18-03	187\46279480\25-28	AMT	28
FUC [21J]				C	18-748-279-400	08
RL WIRING DIAGRAM				NONE		25



DEVICE LIST

- CC - CLOSING COIL (SPRING RELEASE)
- TC - SHUNT TRIP COIL
- 88 - SPRING CHARGING MOTOR
- MCO - MOTOR CUTOFF SWITCH
- MDS - MOTOR ON-OFF SWITCH
- Y - CLOSING RELAY, ANTI-PUMP
- a - AUXILIARY SWITCH CONTACT OPEN WHEN BREAKER IS OPEN
- b - AUXILIARY SWITCH CONTACT CLOSED WHEN BREAKER IS OPEN
- R - RED INDICATION LAMP, BKR. CLOSED
- G - GREEN INDICATION LAMP, BKR. OPEN
- CS/C - CONTROL SWITCH, CLOSE CONTACT
- CS/T - CONTROL SWITCH, TRIP CONTACT
- AS - AUXILIARY SWITCH
- SD - SECONDARY DISCONNECT

NOTES

- 1 FIGURES 3A, 3B, 3C, 6D AND 23A NOT AVAILABLE WITH THIS FEATURE

CLASS "C" WIRING

- #14 WIRE SIS 00-557-286-341
- #18 WIRE SIS 00-557-286-003

- - SINGLE FASTON TAB, ONE CONNECTION ONLY
- - MULTIPLE CONNECTIONS POSSIBLE

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARKS W/O APPROVAL
OF DESIGN ENGINEERING

01	07-05-93	06	02
02	08-23-93	07	01
03	01-25-96	08	01
04	04-30-96	09	01
05	11-23-96	10	01
06	01-25-96	11	01
07	01-25-96	12	01
08	01-25-96	13	01
09	01-25-96	14	01
10	01-25-96	15	01
11	01-25-96	16	01
12	01-25-96	17	01
13	01-25-96	18	01
14	01-25-96	19	01
15	01-25-96	20	01
16	01-25-96	21	01
17	01-25-96	22	01
18	01-25-96	23	01
19	01-25-96	24	01
20	01-25-96	25	01
21	01-25-96	26	01
22	01-25-96	27	01
23	01-25-96	28	01
24	01-25-96	29	01
25	01-25-96	30	01
26	01-25-96	31	01
27	01-25-96	32	01
28	01-25-96	33	01
29	01-25-96	34	01
30	01-25-96	35	01
31	01-25-96	36	01
32	01-25-96	37	01
33	01-25-96	38	01
34	01-25-96	39	01
35	01-25-96	40	01
36	01-25-96	41	01
37	01-25-96	42	01
38	01-25-96	43	01
39	01-25-96	44	01
40	01-25-96	45	01
41	01-25-96	46	01
42	01-25-96	47	01
43	01-25-96	48	01
44	01-25-96	49	01
45	01-25-96	50	01
46	01-25-96	51	01
47	01-25-96	52	01
48	01-25-96	53	01
49	01-25-96	54	01
50	01-25-96	55	01
51	01-25-96	56	01
52	01-25-96	57	01
53	01-25-96	58	01
54	01-25-96	59	01
55	01-25-96	60	01
56	01-25-96	61	01
57	01-25-96	62	01
58	01-25-96	63	01
59	01-25-96	64	01
60	01-25-96	65	01
61	01-25-96	66	01
62	01-25-96	67	01
63	01-25-96	68	01
64	01-25-96	69	01
65	01-25-96	70	01
66	01-25-96	71	01
67	01-25-96	72	01
68	01-25-96	73	01
69	01-25-96	74	01
70	01-25-96	75	01
71	01-25-96	76	01
72	01-25-96	77	01
73	01-25-96	78	01
74	01-25-96	79	01
75	01-25-96	80	01
76	01-25-96	81	01
77	01-25-96	82	01
78	01-25-96	83	01
79	01-25-96	84	01
80	01-25-96	85	01
81	01-25-96	86	01
82	01-25-96	87	01
83	01-25-96	88	01
84	01-25-96	89	01
85	01-25-96	90	01
86	01-25-96	91	01
87	01-25-96	92	01
88	01-25-96	93	01
89	01-25-96	94	01
90	01-25-96	95	01
91	01-25-96	96	01
92	01-25-96	97	01
93	01-25-96	98	01
94	01-25-96	99	01
95	01-25-96	100	01

FIG [21K]

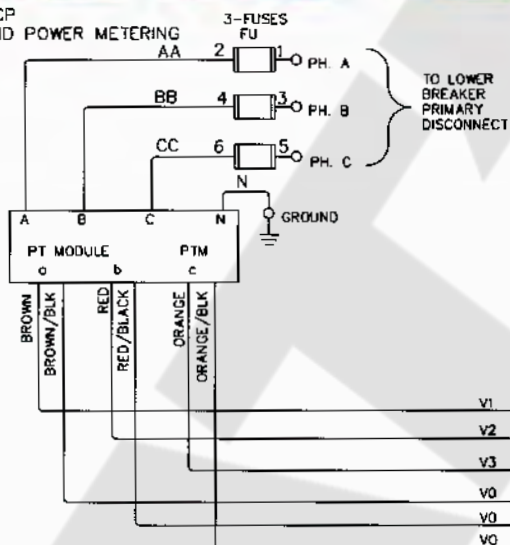
RL WIRING DIAGRAM (SPECIAL)

18-748-279-400

09

2C

STATIC TRIP III - CP COMMUNICATION AND POWER METERING WIRE HARNESS 3 PH. 4 WIRE



WIRE NO.	FROM	TO	SIZE
A	PH-A	FU-1	14
B	PH-B	FU-3	14
C	PH-C	FU-5	14
AA	FU-2	PTM-A	+
BB	FU-4	PTM-B	+
CC	FU-6	PTM-C	+

+DEVICE LEADS

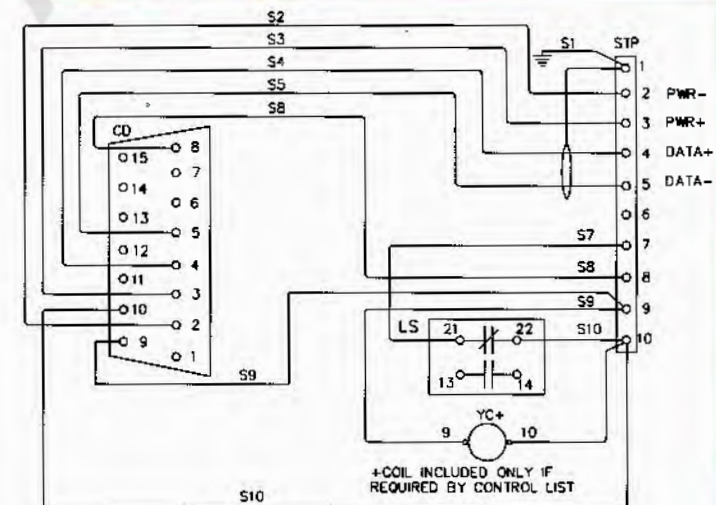
WIRE NO.	FROM	TO	COLOR
N	NEUT	PTM-N	
N	NEUT	GRD	
V1	PTM-a	STV-1	BROWN
V2	PTM-b	STV-2	RED
V3	PTM-c	STV-3	ORANGE
V0	PTM-a	STV-4	BRN/BLK
V0	PTM-b	STV-4	RED/BLK
V0	PTM-c	STV-4	OR/BLK

SHLD 2/C

WIRE NO.	FROM	TO	SIZE
S1	STP-1	FRAME	18
S2	STP-2	CD-2	22
S3	STP-3	CD-3	22
S4	STP-4	CD-4	22
S5	STP-5	CD-5	22
SHLD	TERM	SHIELD	STP-1

WIRE NO.	FROM	TO	SIZE
S7	STP-7	LS-21	22
S8	STP-8	CD-8	22
S9	STP-9	CD-9	22
S9	STP-9	YC-9	22
S10	STP-10	LS-22	22
S10	STP-10	CD-10	22
S10	STP-10	YC-10	22

2E

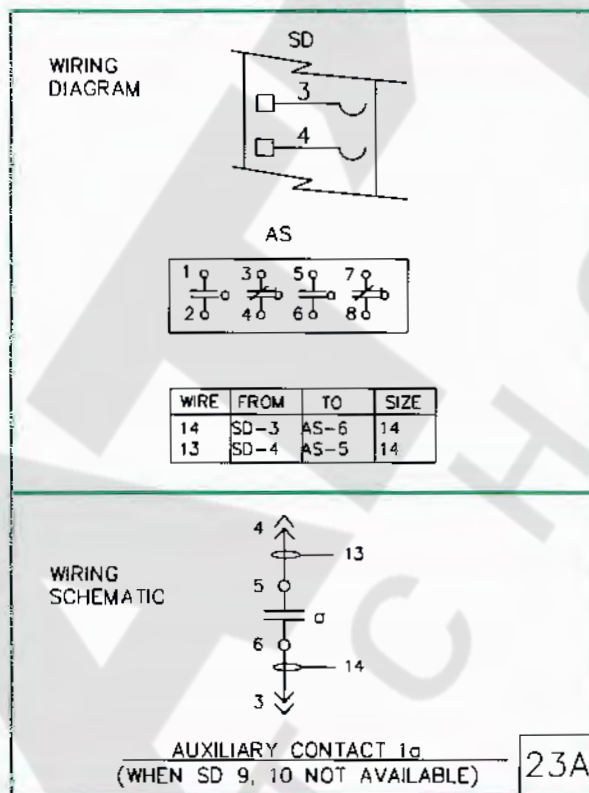
+COIL INCLUDED ONLY IF
REQUIRED BY CONTROL LIST

DEVICE LIST

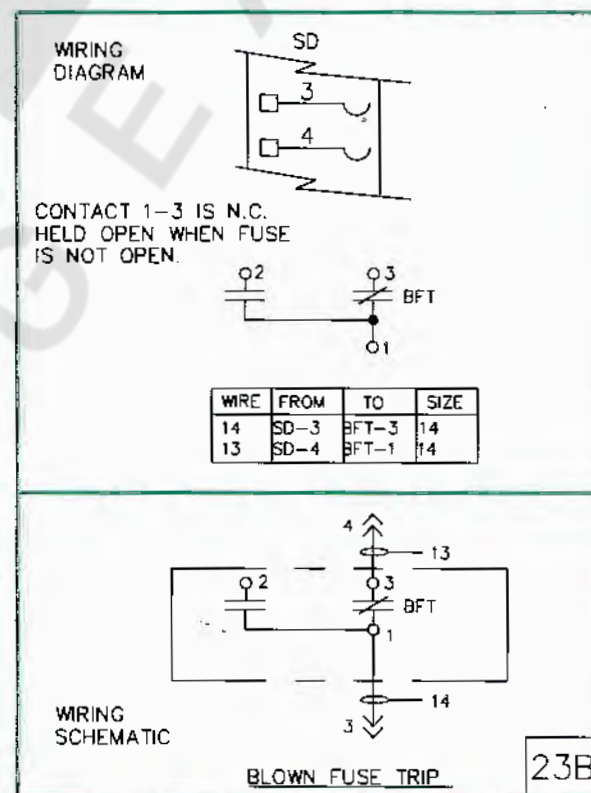
FU - POWER FUSE
GRD - GROUND CONNECTION
PH - PHASE VOLTAGE
PTM - POTENTIAL TRANSFORMER MODULE
STV - STATIC TRIP VOLTAGE PORT
STP - STATIC TRIP PORT
CD - COMMUNICATIONS DISCONNECT
LS - LIMIT SWITCH
YC - REMOTE CLOSE RELAY
PWR - POWER SUPPLY INPUT
DATA - COMMUNICATIONS DATA TERMINALS

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARKS WITHOUT APPROVAL
OF DESIGN ENGINEERING

01	01-25-98	06	03	01
02	04-30-98	187\48279400\27-26		
FIG [2E]		18-748-279-400 02		
STANDARD CONNECTION DIAGRAMS FOR STATIC TRIP III DEVICE		NONE 28		



NOTE: FIGURES 3A, 3B, 3C, 4A, 4C, 20A, 20B, 20C, 20D, 21F, 21J AND 21K NOT AVAILABLE WITH THIS OPTION.



NOTE: FIGURES 3A, 3B, 3C, 20A, 20B, 20C, 20D, 21F, 21J, AND 21K NOT AVAILABLE WITH THIS OPTION.

DEVICE LIST

- AS - AUXILIARY SWITCH ASSEMBLY
- BFT - BLOWN FUSE TRIP
- SD - SECONDARY DISCONNECT
- a - AUXILIARY SWITCH CONTACT OPEN WHEN BREAKER IS OPEN
- b - AUXILIARY SWITCH CONTACT CLOSED WHEN BREAKER IS OPEN

STANDARD DRAWING
DO NOT DESTROY, CHANGE OR
ADD MARKS TO'S W/O APPROVAL
OF DESIGN ENGINEERING

FIG. [23A], [23B]		187\48279400		18-748-279-400		01	
RH BREAKER WIRING		NONE		29F			