

TERMINAL TYPES:

- HONEYWELL
RM 7800
SUBBASE
- COMPRESSION
- MOLEX
CONNECTOR
- MALE SPADE
TERMINAL
- FEMALE SPADE
TERMINAL
- RJ11 OR RJ45
CONNECTOR

RELAY / SWITCH

TERMINALS:
C = COMMON
NC = NORM. CLOSED
NO = NORM. OPEN

REV: 2	EN: 34-11730	DATE: 02/24/22	DWN:	SPS	CHKD:	CJM	APPD:	RCJ	APPD:
ADDED SAFEGUARD 550 LWCO OPTION									

Thermal Solutions Products LLC

PROPERTY OF

34-1147-C, 34-1181-C

REFERENCE ASME Y14.5M-1994 FOR GEOMETRIC TOLERANCES. ALL DIMENSIONS IN INCHES. DRAWING NOT TO BE SCALED. NON-BASIC DIMENSIONAL AND ANGULAR TOLERANCES UNLESS OTHERWISE NOTED. DECIMALS: X.X - ±0.1, X.XX - ±0.03, X.XXX - ±0.005. FRACTIONAL: ±1/32, ANGULAR: ±1°

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SUPPLIERS:

34-1147-C, 34-1181-C

PROPERTY OF

Thermal Solutions Products LLC

UNCLASSIFIED, PA 17064-3244

DRAWING NUMBER

34-11730-C

SCALE

NONE

DWG SIZE

SHEET

1 OF 1

TITLE

LADDER WIRING DIAGRAM

CONTROL CIRCUIT W/ P.O.C. & L.F.P.

RM/7800, 1075 PROGRAMMER CONTROL, EX-500/3000

- NOTES:
- IF LOW WATER CUTOFF (LWCO) IS SHIPPED LOOSE DISCONNECT WIRE, LABELED P10-89/LWCO 3, FROM VESTIBULE THERMAL FUSE AND CONNECT TO LWCO TERMINAL 3 AND CONNECT LWCO TERMINAL 5 TO VESTIBULE THERMAL FUSE.
 - FACTORY WIRING, LOW VOLTAGE IS 24VAC UNLESS OTHERWISE INDICATED.
 - IF THE P.O.C. OPTION IS NOT USED, JUMPER TERMINAL 4 TO TERMINAL 20 ON THE FLAME SAFEGUARD SUBBASE.
 - IF THE LFP OPTION IS NOT USED, JUMPER TERMINAL 5 TO TERMINAL 18 ON THE FLAME SAFEGUARD SUBBASE.
 - THE VALID INPUT SIGNAL RANGE FOR TERMINALS (C+,-) IS 1-9VDC. A SIGNAL ABOVE OR BELOW THIS RANGE IS RECOGNIZED AS A 'SOFT' ALARM. AS A RESULT, THE CONTROL FUNCTION IS IGNORED.
 - IF THE REMOTE ON/OFF(ENABLE/DISABLE) SWITCH IS NOT ORDERED, JUMPER TERMINAL RD TO TERMINAL C ON THE TSBC. WHEN IT IS ORDERED, THE SWITCH IS FACTORY SUPPLIED & THE CONTACTS ARE FIELD SUPPLIED.
 - CUT JUMPERS 5, 6, 7, 8, AND 9.

