

SPECIFICATIONS:

MECHANICAL:
 WETTED MATERIALS: 316 STAINLESS STEEL
 ENCLOSURE: TYPE 360 ALUMINUM; EPOXY POWDER COATED

ELECTRICAL:
 ELECTRICAL CONNECTION:
 3 POSITION TERMINAL BLOCK, 22-14 AWG Max
 2 POSITION TERMINAL BLOCK, 22-14 AWG Max

SWITCH SPECS (SWITCH AND IAW):
 POWER INPUT: 2 WIRE ELECTRONIC SWITCH
 (DERIVES OPERATING POWER FROM THE SWITCH OUTPUT WIRES)

SWITCH OUTPUT: 70 TO 240 VAC/VDC @ 100 mA
 (DERATE 1mA/°C ABOVE 25°C)
 6.0 mA MIN. LOAD REQUIRED

SWITCH CHARACTERISTICS: OPEN STATE 70-240 VAC/VDC @ 1.0 mA
 CLOSED STATE 13.5 VAC/VDC @ 100 mA

IAW CHARACTERISTICS: OPEN SUPPLY VOLTAGE 7.8 - 50 VDC
 CLOSED 4.7 VDC NOMINAL

MODEL TLX	TEMPERATURE RANGE	SHEATH LENGTH	
		INCHES	[cm]
TL1	-40 TO 450°F/ -40 TO 232°C	4"	[10.1]
TL2	-40 TO 450°F/ -40 TO 232°C	6"	[15.2]
TL3	-40 TO 450°F/ -40 TO 232°C	10"	[25.4]

ORIGINAL DATE	5-31-16
DRWN	RAM
CHKD	SR
APPD	R. McCAREY
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ±1/64 2 PLACE DEC 3 PLACE DEC ANGLES ±0.010 ±0.005 ±1/2°	
DO NOT SCALE THIS DRAWING	

TITLE
**1XSWHL
 LOCAL WELDED
 TEMP. SWITCH**

SCALE 1:2.5

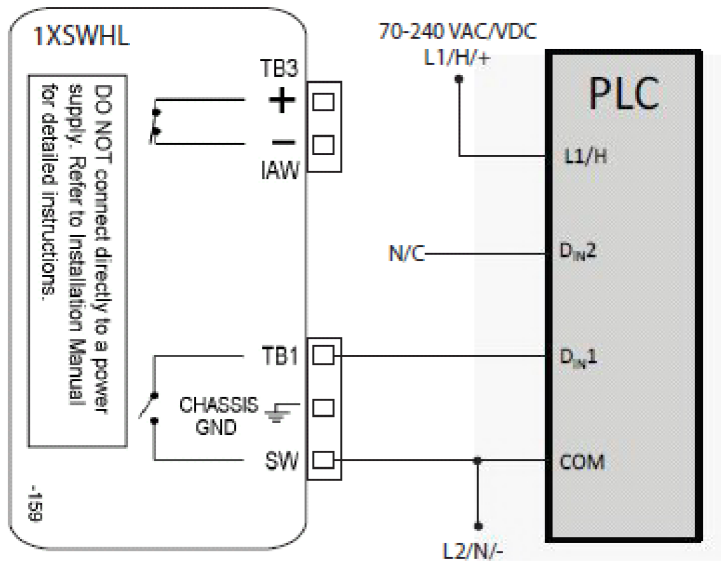
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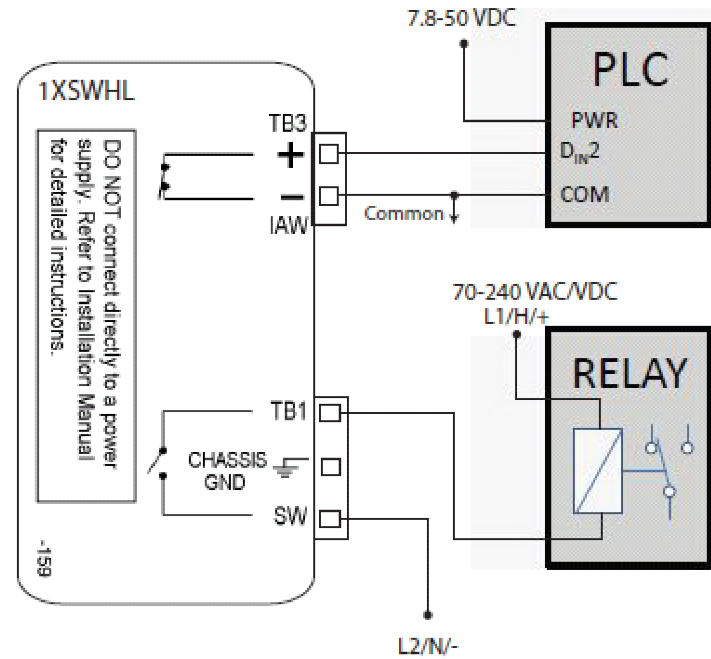
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RECOMMENDED WIRING SCHEMES

**SW AND IAW
PLC INPUTS CIRCUITS**



**INTERPOSING RELAY
WITH IAW CIRCUIT**



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TITLE	1XSWHL LOCAL WELDED TEMP. SWITCH
SCALE	



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