

120 VAC  
GFCI PLUG INCLUDED

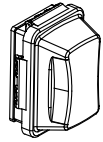
THERMOSTAT

TERMINAL  
BLOCK

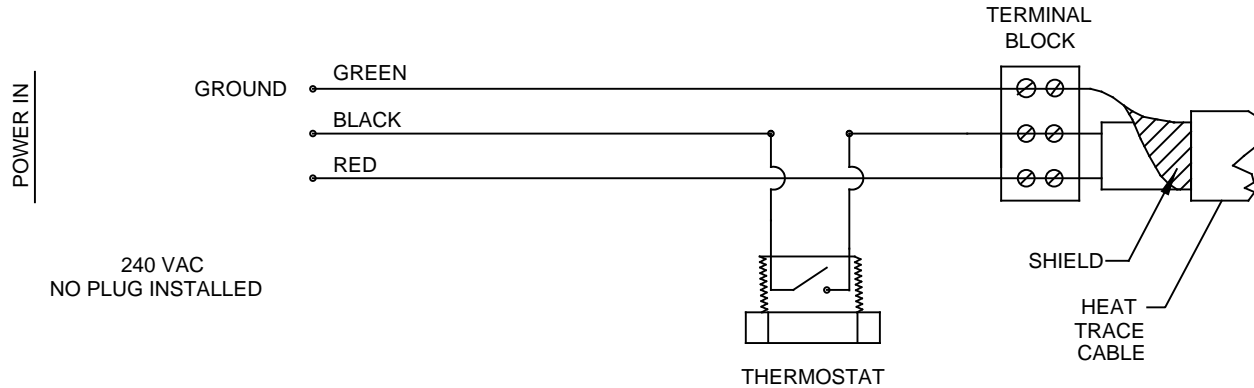
SHIELD

HEAT  
TRACE  
CABLE

**MODEL 7501BL  
ELECTRICAL DETAIL**



FOR 7501BL: MUST USE WITH NEMA/TYPE 3R  
CERTIFIED COVERED OUTLET (NOT SUPPLIED).



240 VAC  
NO PLUG INSTALLED

THERMOSTAT

TERMINAL  
BLOCK


SHIELD

HEAT  
TRACE  
CABLE

**MODEL 7501BL240  
ELECTRICAL DETAIL**

FOR MODEL 7501BL240:

1. CORD SET SHALL BE LISTED TO UL 817 AND CSA-C22.2 NO. 21 AND PROVIDED WITH 3 WIRE GROUNDING TYPE ATTACHMENT PLUG RATED 240 V, MIN. 15 A.
2. THE FLEXIBLE CORD TYPE SHALL BE TYPE S, SE, SJ, SJE, SJO, SJOO, SJT, SJTO, SJTOO, SO, SOO, ST, STO, OR STOO AND HAVE A TYPE LETTER SUFFIX OF "W," "W-A" OR "OUTDOOR."
3. THE CORD SET SHALL BE MIN. 6 FT IN LENGTH AND MIN 18 AWG SIZE FOR FLEXIBLE POWER SUPPLY CORD.
4. LISTED STRAIN RELIEF BUSHING SUITABLE FOR CORD SET SIZE AND OUTDOOR USE SHALL BE USED.
5. ALL POWER CONNECTIONS MUST BE MADE ACCORDING TO NEC/CEC CODE USING FLEXIBLE CONDUIT OR CABLE RATED FOR NEMA/TYPE 4 – NO RIGID CONNECTION PERMITTED. MODEL 7501BL240 REQUIRES MINIMUM NEMA/TYPE 4 COMPLIANT EQUIPMENT.
6. THE FIELD INSTALLED POWER SUPPLY CORD SET NEEDS TO BE INSTALLED BY QUALIFIED PERSONNEL.
7. ALL MODELS MUST HAVE A GROUND FAULT PROTECTION DEVICE (30mA GFEPD) FOR HEAT TRACE. ELECTRICAL CURRENTS MAY BE INSUFFICIENT TO TRIP A CONVENTIONAL CIRCUIT BREAKER. ALL INSTALLATIONS MUST BE INSTALLED IN COMPLIANCE WITH LOCAL, STATE, AND/OR FEDERAL CODES.

		<b>Haws</b> <sup>®</sup>		1455 KLEPPE LANE SPARKS, NEVADA 89431 (775) 359-4712 FAX (775) 359-7424 E-MAIL: HAWS@HAWSCO.COM WEBSITE: WWW.HAWSCO.COM	
				MODEL(S) 7501BL / 7501BL240 ELECTRICAL SCHEMATIC	
ECN NO. 5086	REVISED PER ECN: 5235	BY: MJ	DATE: 06/28/16	CHK'D: MJ	SCALE: 1:1
DRAWN: MJ	DATE: 06/28/16	APPROVED: MJ	DATE: 05/29/18	DRAWING TYPE: INSTALLATION	SIZE: A
					SHEET 1 OF 1