

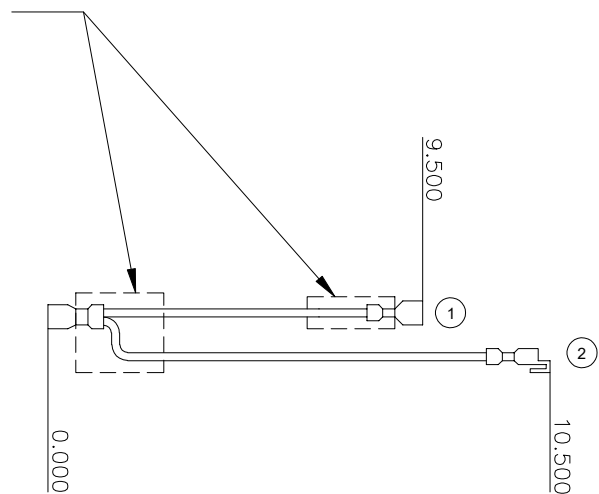
#	DESCRIPTION	DATE	APPROVED
B	DETAILED DRAWING CREATED	12/22/2020	SZOHORI

### WHSET-15 WIRE HARNESS

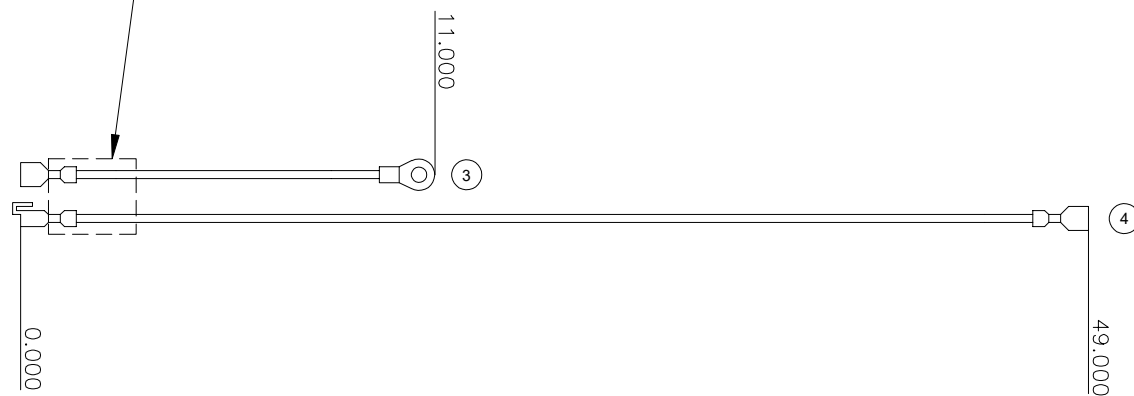
WIRE #	COLOR	GAUGE	LENGTH (in.)	CONNECTOR A	CONNECTOR B	UL	CSA
1	RED	16	10	NON-INS .250 FEMALE RECEPTACLE, VINYL COATED SLEEVE	2 WIRE NON-INS .250 FEMALE RECEPTACLE, VINYL COATED SLEEVE	SUBJECT 758, STYLE 3231, OR EQUIV	CSA (TEW), TYPE SEW-2, 200°C; CSA AWM I A/B, 200°C
2	RED	16	11	NON-INS .250 PIGGYBACK TERMINAL	2 WIRE NON-INS .250 FEMALE RECEPTACLE, VINYL COATED SLEEVE		
3	WHT	16	11	NON-INS RING TERMINAL	NON-INS .250 FEMALE RECEPTACLE, VINYL COATED SLEEVE		
4	WHT	16	49	NON-INS .250 FEMALE RECEPTACLE	NON-INS .250 PIGGYBACK TERMINAL, VINYL COATED SLEEVE		

NOTE: WIRE NUMBER BALLOON ON "A" END OF WIRE

DELFINGEN 123247; 1/4" VINYL COATED FIBERGLASS SLEEVING; 105C 600V CERTIFIED; VW-1 FLAME RATING; ASTM-D372; NEMA TF1, TYPE 3 OR EQUIVALENT; 1.000 INCH



DELFINGEN 123247; 1/4" VINYL COATED FIBERGLASS SLEEVING; 105C 600V CERTIFIED; VW-1 FLAME RATING; ASTM-D372; NEMA TF1, TYPE 3 OR EQUIVALENT; 1.250 INCHES

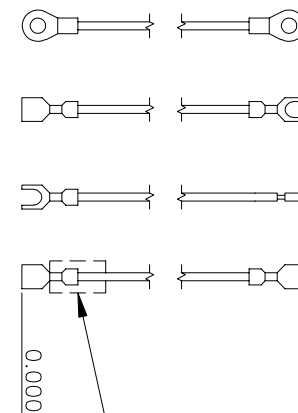


### SINGLE WIRES

WIRE #	COLOR	GAUGE	LENGTH (in.)	CONNECTOR A	CONNECTOR B	UL	CSA
5	WHT	16	49	NON-INS .250 FEMALE RECEPTACLE, VINYL COATED SLEEVE	NON-INS .250 FEMALE RECEPTACLE	SUBJECT 758, STYLE 3231, OR EQUIV	CSA (TEW), TYPE SEW-2, 200°C; CSA AWM I A/B, 200°C
6	BLK	16	7	NON-INS .250 FEMALE RECEPTACLE, VINYL COATED SLEEVE	STRIP PREPPED END, 1/2"		
7	BLK	16	16	INS 0.250 FEMALE RECEPTACLE	INS FORK TERMINAL		
8	RED	16	15	INS 0.250 FEMALE RECEPTACLE	INS FORK TERMINAL		
9	WHT/RED	6	41	NON-INS FLANGED FORK TERMINAL	NON-INS RING TERMINAL	SUBJECT 758, STYLE 5359 OR EQUIV	CSA AWM I A/B FT1, 450°C, 600V
10	WHT/BRN	6	46	NON-INS FLANGED FORK TERMINAL	NON-INS RING TERMINAL		
11	WHT	6	39	NON-INS FLANGED FORK TERMINAL	NON-INS RING TERMINAL		
12	WHT/BLU	6	38	NON-INS FLANGED FORK TERMINAL	NON-INS RING TERMINAL		
13	WHT/BLK	6	43	NON-INS FLANGED FORK TERMINAL	NON-INS RING TERMINAL		
14	WHT/YEL	6	47	NON-INS FLANGED FORK TERMINAL	NON-INS RING TERMINAL		
15	WHT/GRN	6	40	NON-INS RING TERMINAL	NON-INS RING TERMINAL		
16	BLK	6	13	NON-INS FLANGED FORK TERMINAL	STRIP PREPPED END, 1/2"		
17	RED	6	14	NON-INS FLANGED FORK TERMINAL	STRIP PREPPED END, 1/2"		
18	YEL	6	13	NON-INS FLANGED FORK TERMINAL	STRIP PREPPED END, 1/2"		
19	BLK	6	4	NON-INS FLANGED FORK TERMINAL	STRIP PREPPED END, 1/2"		
20	RED	6	4	NON-INS FLANGED FORK TERMINAL	STRIP PREPPED END, 1/2"		
21	BLU	6	4	NON-INS FLANGED FORK TERMINAL	STRIP PREPPED END, 1/2"		

NOTES

- ALL DIMENSIONS ARE SHOWN ON THE HARNESS LAYOUT. DIMENSIONS TERMINATING AT THE REAR OF THE CONNECTOR OR TERMINAL HOUSING DO NOT INCLUDE INTERNAL LENGTH OF THE COMPONENT. INTERNAL LENGTHS ARE TO BE ADDED TO THE OVERALL WIRE LENGTH USING THE APPROPRIATE LENGTH RECOMMENDED BY THE COMPONENT MANUFACTURER.
- REFERENCE WHMA-A-620 FOR CABLE AND WIRE LENGTH TOLERANCES. WIRE TIES LOCATIONS +/- 1 INCH FROM DIMENSION SHOWN.
- THE MINIMUM TENSILE STRENGTH FOR CONTACTS AND TERMINALS SHOULD FOLLOW THE SPECIFICATIONS OUTLINED BY THE COMPONENT MANUFACTURER. FOLLOW WHMA-A-620 WHEN INFORMATION IS UNAVAILABLE.
- THE WIRES SHOULD BE CONTINUOUSLY LABELED WITH THE WIRE NUMBER AT A DISTANCE OF 2 INCHES ALONG THE WIRE. SUPPLIER MAY MARK ONLY END OF THE WIRE IF APPROVED BY CLEVELAND RANGE
- IF INDICATED, COMPONENT LABELS SHOWING THE COMPONENT ID AND FUNCTION MUST BE PLACED NO MORE THAN 2 INCHES BEHIND THE REAR OF THE COMPONENT.
- A HARNESS IDENTIFICATION LABEL MUST BE APPLIED TO THE EXTERIOR OF THE HARNESS. THE LABEL MUST INCLUDE THE HARNESS PART NUMBER, DESCRIPTION, REVISION AND BUILD DATE. LABEL MAY VARY IF APPROVED BY CLEVELAND RANGE.
- MANUFACTURER MUST BE CERTIFIED TO CSA/UL STANDARDS APPLICABLE FOR MANUFACTURING WIRING HARNESS. WIRING HARNESS SHOULD BE IDENTIFIED WITH THE CERTIFICATION MARK ON EACH SET WITHIN ASSEMBLY.
- ALL COMPONENTS OF WIRING HARNESS SUCH AS TERMINALS, CONNECTORS, MOLEX ETC., MUST BE CSA/UL CERTIFIED/LISTED.
- AT A MINIMUM, TESTING IN ACCORDANCE WITH WHMA-A-620 SECTION 19 MUST BE PERFORMED AS A CLASS 2 PRODUCT. ADDITIONALLY, TESTING IN ACCORDANCE WITH 19.5.3 SHALL BE PERFORMED. WIRE HARNESS TO BE 100% TESTED FOR CONTINUITY AND POLARITY OF CONNECTIONS.
- THE MANUFACTURER SHALL PROVIDE CLEVELAND RANGE LTD WITH THE INSPECTION AND TEST PLAN.



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FOR GENERAL TOLERANCES REFER TO PW-043

CLEVELAND RANGE LTD.  
8251 KEELE STREET, CONCORD, ONTARIO, CANADA

TITLE  
**WIRING HARNESS ASSEMBLY  
WHSET-15**

MATERIAL  
TYPE & GRADE  
FORM  
SIZE  
FINISH

DO NOT SCALE  
PRINTED DRAWING

DRAWN BY  
**RFA**

DATE  
**10/19/20**

SIZE  
**B**

DRAWING NO.  
**WHSET-15**

SHEET 1 OF 1

REV  
**B**