

REV.	ECO	DATE	DESCRIPTION	AUTH.	DR.	ZONE
14	9287	11/28/17	DELETED 2ea. 231193-006, 231193-007 & 4ea. 231193-005 & ADDED 2ea. 231193-106, 231193-107, & 231193-110 & 4ea. 231193-105	MA	DG	2-B7, 3-D2, 3-D5
15	9422	05-29-18	ADDED DLV3300-0900-00, CHANGED REQUIRED ELEMENT REMOVAL DIMENSION TO -A-, ADDED COLUMN -A- WITH DIMENSIONS TO PART NUMBER TABLE. ADDED NOTES TO DETAIL A	JTB	KP	A4, D7, 3-A7
16	9464	07-26-18	ADDED DLV3360-1200-00	JTB	ALS	A4

- NOTES:**
1. REFERENCE SYSTEM MANUAL AND SERIAL NUMBER WHEN ORDERING REPLACEMENT PARTS.
 2. FOR WIRING SCHEMATIC REFERENCE DRAWING A-7996-3.
 3. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
- (NOTES CONTINUED ON SHEET 3)

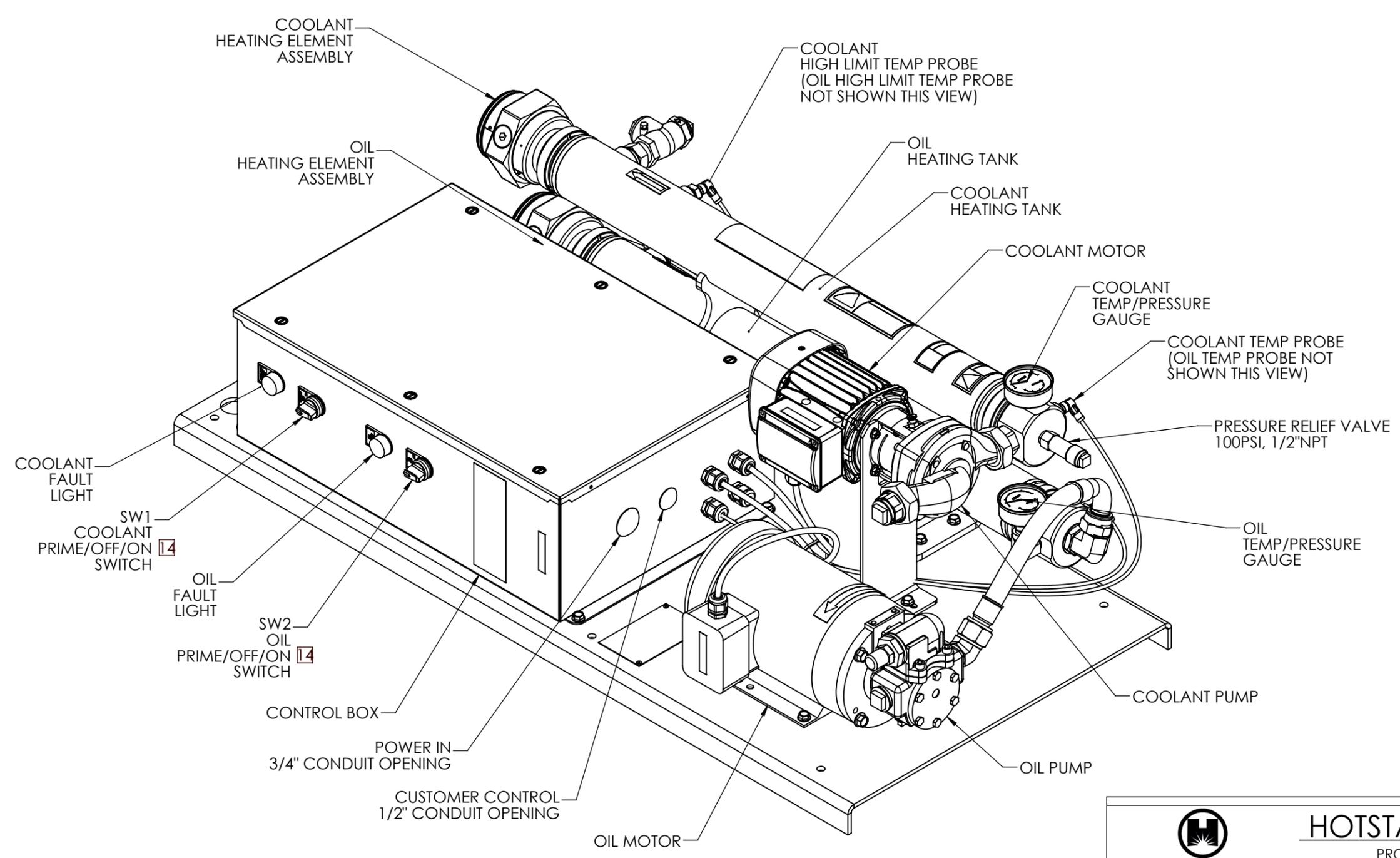
DLV3180-0604-00	DLV 480V 60Hz 3P COOLANT 18kW 0.75HP 3400RPM 37GPM OIL 6kW 2HP 1750RPM 10GPM 24VDC	25.0 [635]
DLV3180-060A-00	DLV 400V 50Hz 3P COOLANT 18kW 0.75HP 2900RPM 30GPM OIL 6kW 2HP 1450RPM 7GPM 24VDC	30.0 [762]
DLV3240-0604-00	DLV 480V 60Hz 3P COOLANT 24kW 0.75HP 3400RPM 37GPM OIL 6kW 2HP 1750RPM 10GPM 24VDC	25.0 [635]
DLV3300-0900-00	DLV 440V 60Hz 3P COOLANT 30kW 0.75HP 3400RPM 37GPM OIL 9kW 2HP 1750RPM 10GPM 24VDC	30.0 [762]
DLV3300-0904-00	DLV 480V 60Hz 3P COOLANT 30kW 0.75HP 3400RPM 37GPM OIL 9kW 2HP 1750RPM 10GPM 24VDC	30.0 [762]
DLV3300-090A-00	DLV 400V 50Hz 3P COOLANT 30kW 0.75HP 2900RPM 30GPM OIL 9kW 2HP 1450RPM 7GPM 24VDC	30.0 [762]
DLV3360-1200-00	DLV 440V 60Hz 3P COOLANT 36kW 0.75HP 3400RPM 37GPM OIL 12kW 2HP 1750RPM 10GPM 24VDC	30.0 [762]
PART NUMBER	DESCRIPTION	-A-



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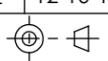
APPROVALS		DATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [mm]	DWG. NO.	
DRAWN BY		11-21-14		A-7996-0S	
APPROVED BY		12-10-14	TOLERANCES	SIZE	ORIGIN
THIRD ANGLE PROJECTION			XXX ± N/A	B	CO8293
			ANGULAR ± N/A°	SCALE	SHEET
			DO NOT SCALE DRAWING	1:7	1 OF 3
				REV.	16

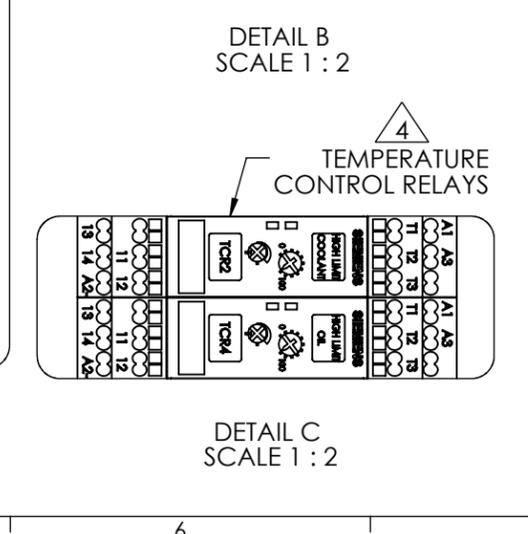
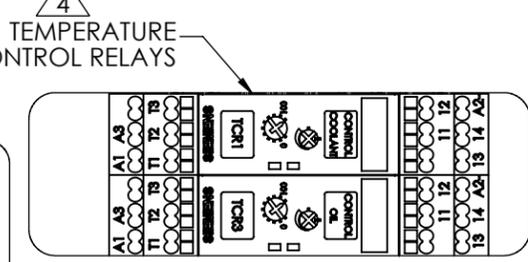
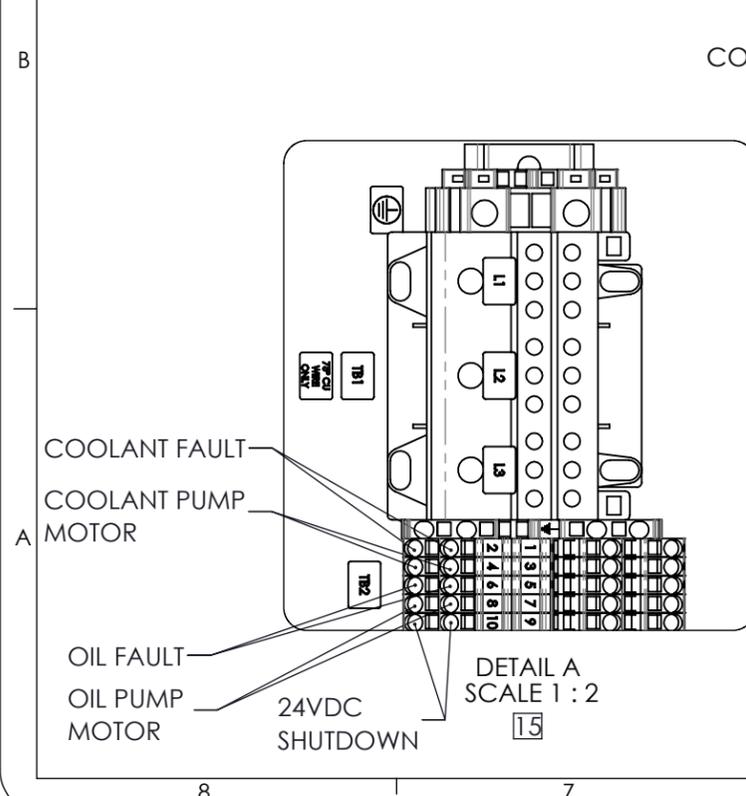
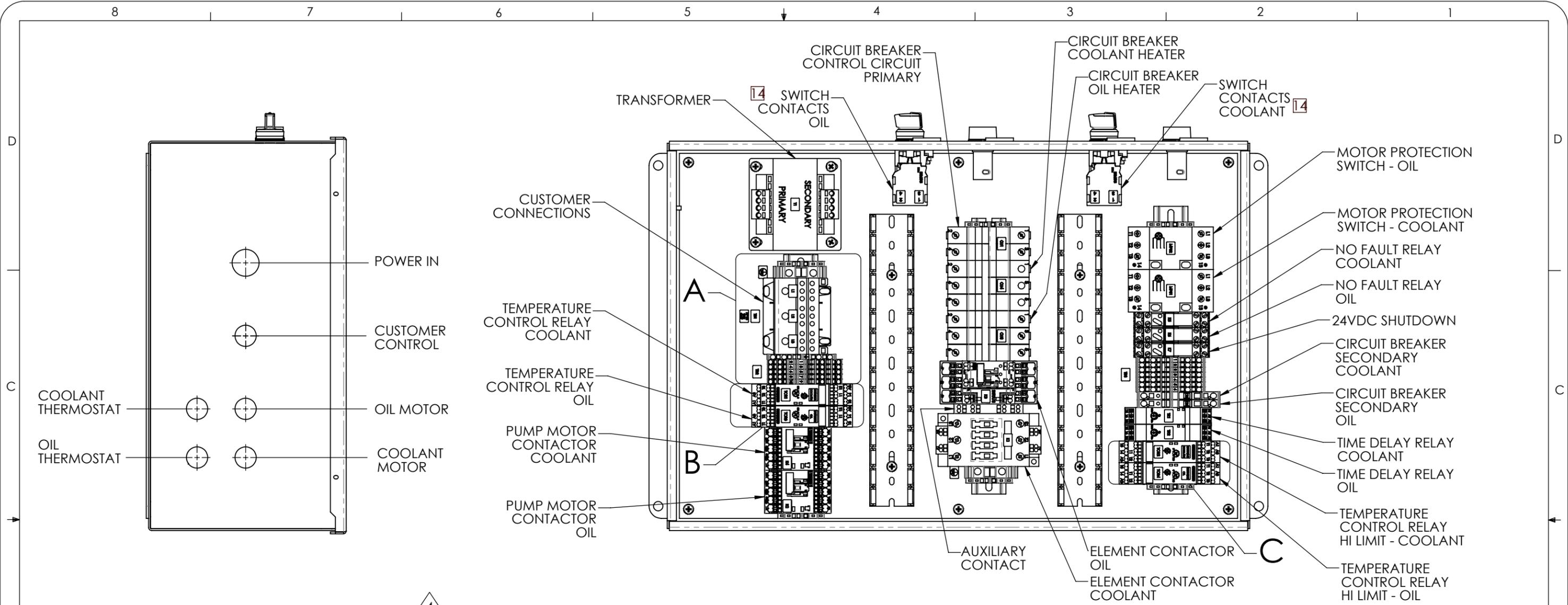




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TITLE		DLV DUAL FLUID HEATING SYSTEM									
APPROVALS	DATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [mm]	DWG. NO.								
DRAWN BY ALS	11-21-14	TOLERANCES (Except as noted)	A-7996-0S								
APPROVED BY BNE	12-10-14										
THIRD ANGLE PROJECTION		<table style="width: 100%; border: none;"> <tr> <td style="border: none;">.XX ± N/A</td> <td style="border: none;">ANGULAR ± N/A°</td> </tr> <tr> <td style="border: none;">.XXX ± N/A</td> <td style="border: none;"></td> </tr> </table>	.XX ± N/A	ANGULAR ± N/A°	.XXX ± N/A		<table style="width: 100%; border: none;"> <tr> <td style="border: none;">SIZE</td> <td style="border: none;">ORIGIN</td> </tr> <tr> <td style="border: none;">B</td> <td style="border: none;">CO8293</td> </tr> </table>	SIZE	ORIGIN	B	CO8293
.XX ± N/A	ANGULAR ± N/A°										
.XXX ± N/A											
SIZE	ORIGIN										
B	CO8293										
		DO NOT SCALE DRAWING	<table style="width: 100%; border: none;"> <tr> <td style="border: none;">SCALE</td> <td style="border: none;">SHEET</td> <td style="border: none;">REV.</td> </tr> <tr> <td style="border: none;">1:6</td> <td style="border: none;">2 OF 3</td> <td style="border: none;">16</td> </tr> </table>	SCALE	SHEET	REV.	1:6	2 OF 3	16		
SCALE	SHEET	REV.									
1:6	2 OF 3	16									



NOTES:

(CONTINUED FROM SHEET 1)

- 4. TCR1: COOLANT CONTROL TEMPERATURE PRESET TO TURN THE ELEMENT OFF AT 50°C AND BACK ON AT 45°C.
- TCR3: OIL CONTROL TEMPERATURE PRESET TO TURN THE ELEMENT OFF AT 40°C AND BACK ON AT 36°C.
- TCR2: COOLANT HIGH LIMIT TEMPERATURE PRESET TO INDICATE FAULT AT 90°C.
- TCR4: OIL HIGH LIMIT TEMPERATURE PRESET TO INDICATE FAULT AT 90°C.

ALL CAN BE ADJUSTED TO SUIT THE APPLICATION.

TCR2 AND TCR4 MUST BE AT LEAST 10° HIGHER THAN TCR1 AND TCR3 TO AVOID NUISANCE TRIPPING OF THE FAULT INDICATOR.

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DLV DUAL FLUID HEATING SYSTEM			
APPROVALS	DATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [mm]	DWG. NO.
DRAWN BY ALS	11-21-14	TOLERANCES (Except as noted)	A-7996-OS
APPROVED BY BNE	12-10-14	.XX ± N/A ANGULAR ± N/A° .XXX ± N/A	SIZE B
THIRD ANGLE PROJECTION		DO NOT SCALE DRAWING	ORIGIN CO8293
			SCALE 1:4 SHEET 3 OF 3 REV. 16