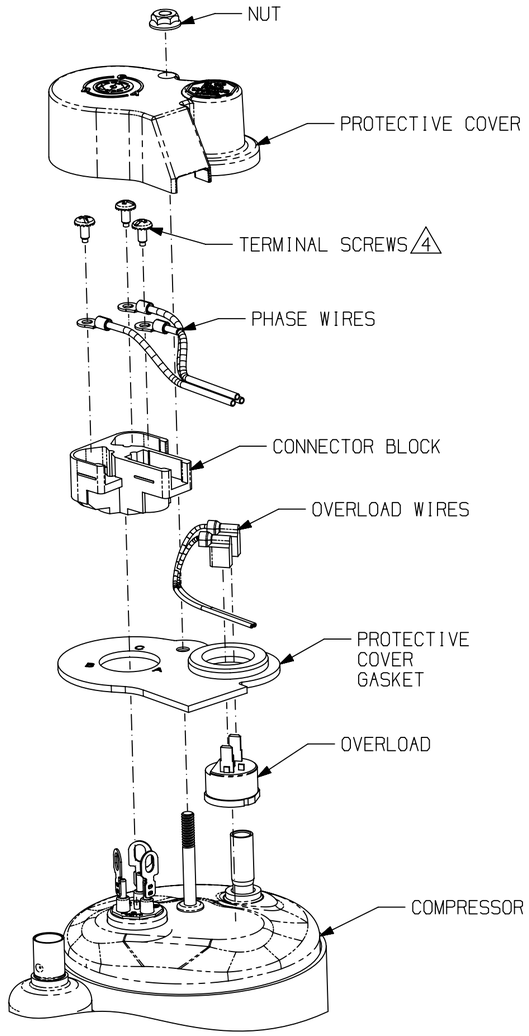
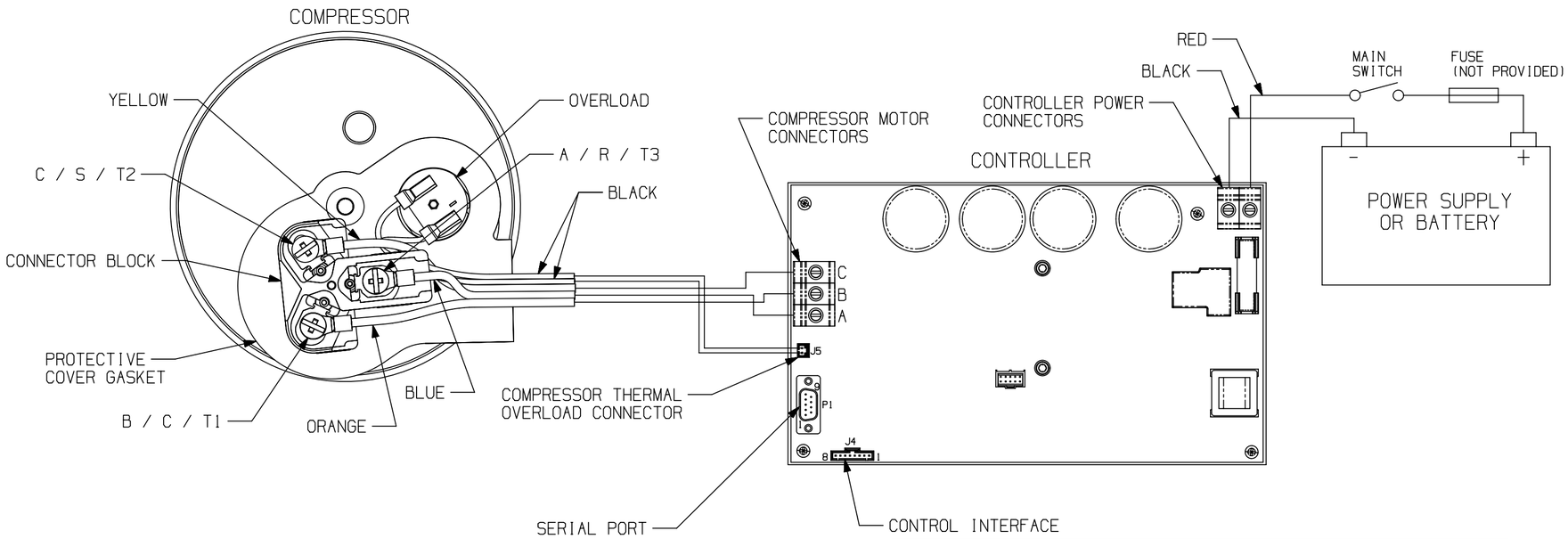
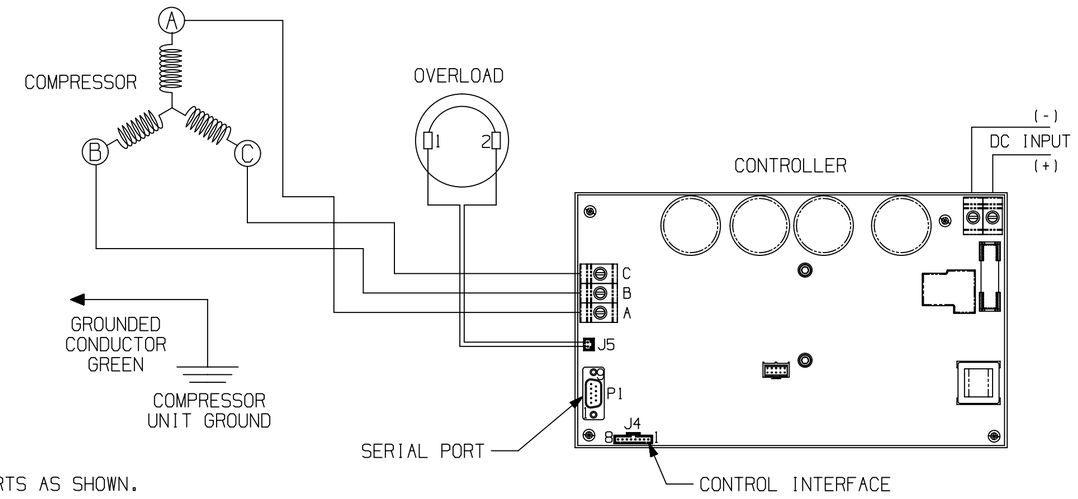
DRAWING NO.
DEMX0006

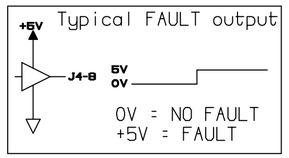


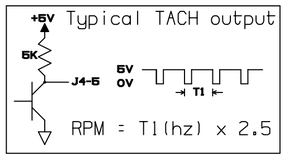


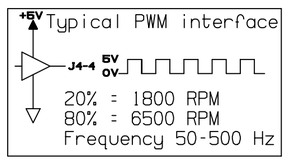
P1-ISOLATED SERIAL PORT	
PIN	FUNCTION
1	N.C.
2	Rx
3	Tx
4	N.C.
5	GROUND
6	N.C.
7	N.C.
8	N.C.
9	N.C.

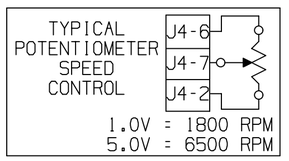
J4 - ISOLATED CONTROL INTERFACE	
PIN	FUNCTION
1	N.C.
2	GROUND
3	GROUND
4	DIGITAL SPEED INPUT (PWM) VIL = 0.8 V MAX., VIH = 4.0 MIN., IIH = 5.0 micro Amps MAX.
5	TACHOMETER OUTPUT, 0-5V PULSE FREQUENCY INDICATES MOTOR SPEED, RPM = 2.5 * Hz
6	+5V OUTPUT, 50mA MAX.
7	ANALOG SPEED INPUT 0-5V
8	FAULT, OUTPUT 0-5V, 0V = NO FAULT, 5V = FAULT, CURRENT 10mA MAX











NOTES:

1. ASSEMBLE PARTS AS SHOWN.
2. COMPRESSOR GROUND HOLE LOCATED IN THE MOUNTING FEET OF THE COMPRESSOR.
3. GROUND SCREW IS NOT PROVIDED BY MASTERFLUX.
4. THREADED TERMINAL CONNECTIONS
   - TORQUE #10-32 TERMINAL SCREWS TO 12-18 IN-LBS.
   - TORQUE M5 TERMINALS SCREWS TO 1.5-2.2 N-m
   - TERMINAL SCREWS NOT PROVIDED WITH COMPRESSOR.
5. FOR ALTERNATE WIRING CONFIGURATIONS SEE DEMX0045.

WARNING

WIRING DIAGRAM MUST BE FOLLOWED AS SHOWN. ANY MISWIRING CAN CAUSE SERIOUS ELECTRICAL HAZARD AND POTENTIAL DAMAGE OR RUPTURE OF COMPONENTS ELECTRICAL PARTS.

ENGLISH

Q.A. SYMBOLS
★ = CATEGORY I
▲ = CATEGORY II
■ = CATEGORY III
= CATEGORY IV

MX

REL	LT	LC	CHANGE	DATE
C	--	--	EC79528 REVISED VIEWS	RDS 14JUL20
B	--	--	EC53869 UPDATED NAME	DAS 22AUG13
A	--	--	EC40691 REDRAWN	SP 05AUG11
			#EC5160	----

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DIS.CODE

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NAME: DRAWING, SALES, CONTROLLER, ELECTRICAL, C & E CLASS

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MASTERFLUX

MATERIAL: NOTED

DRAWING NO.: DEMX0006