

INSTRUCTIONS



Page 1 of 16



99TA516180A (for RCD use only)

Instruction Sheet Number: **99TA516180A**

Description: 06D PTC Hybrid Motor Protection System

Author: Steve Von Borstel

Date: May 19, 2016

Part Number: 06DA6606DBN*****



WARNING

HAZARDS: ELECTRIC SHOCK / PRESSURE / EXPLOSION

REFRIGERANT AND OIL UNDER PRESSURE

- Bodily injury may result from explosion and/or fire if power is supplied to compressor with terminal box cover removed or unsecured. Terminal pins may blow-out causing injuries, death or fire.
- Do not touch terminals, or wiring at terminals, or remove terminal cover or any part of compressor until power is disconnected and pressure is relieved. See safety instructions A through E below.

ELECTRIC SHOCK

- Bodily injury or death may result from electrocution if terminal cover is removed while power is supplied to compressor.
- Do not supply power to compressor unless terminal cover is secured in place and all service valves are open.

Safety Instructions:

Service or maintenance must be performed only by trained certified technicians and according to service instructions.

- Follow recognized safety practices and wear protective goggles.
- Disconnect and lockout all electrical power. Electrical measurements during operation must be taken outside of the compressor terminal box.
- Do not disassemble bolts, plugs, fittings, etc. unless all pressure has been relieved from the compressor.
- These modules **ARE NOT** considered to be user accessible. The Extra-Low Voltage (ELV) circuits of these devices, in connection with motor-winding-PTCs, **ARE NOT** Safety Extra Low Voltage (SELV) circuits. Proper measures against electric shock **MUST BE** provided in the end use application. The correct Carlyle Terminal box for the compressor application does provide this protection.
- The 24VDC module, part number 06DAND0000, **DOES NOT** have galvanic isolation between the ELV circuit and the connection for the module's power supply. For this reason, proper measures against electric shock **MUST ALSO BE PROVIDED** for the module's power supply and all other components, which are electrically (directly or indirectly), connected to the device's power supply, if they will be considered user accessible. The 115/240 VAC and 24 VAC modules, part numbers 06DANB0000 and 06DANC0000 respectively, **DO HAVE** galvanic isolation between the ELV circuit and the connection for the module's power supply.

Caution: Before starting this service, read through the followings items to ensure you have the correct service kit for your application. In many situations, wiring of this module will be different from the existing motor protection it is replacing.

- This kit is intended to service compressors which use the Kirwan Hybrid Motor Protection system that uses internal Positive Temperature Coefficient Thermistors (PTCs) embedded in the compressor motor.
 - These compressors can be identified by a number ("0", "1", "2" or "3") in the 10th digit of the Carlyle Model No.
 - These compressors are equipped with the 6-pin terminal plate.
- This kit can be used to add the Hybrid motor protection to Carlyle compressors w/PTCs which did not originally come with the Kriwan module. However, additional components, like a new terminal box and labels, may be required.
- For compressors and/or systems which do not have internal PTCs and use the internal thermostats, refer to Service Instruction Sheet No. 99TA516184. These would be Carlyle compressors with "A", "C" or "G" in the 10th digit of the Carlyle Model No.
- Part Winding Start compressors with a "B" or "D" in the 10th digit of the model No. cannot use a hybrid motor protection system.

- 5) Single Phase compressors refer to instructions 99TA516185.
- 6) There are three different control voltages that are available for these protection modules. The control voltage is coded into the Kit No. and the Module No.

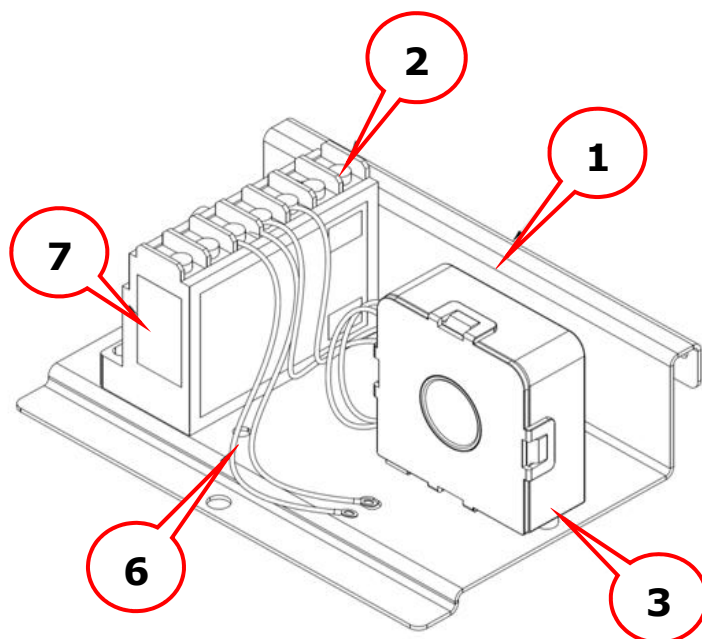
Control Voltage	10 th Digit Comp'r Model No.	Kit No. (12 th digit)	Module No. (6 th digit)
110 -220 VAC	06DF3132A 1 3650	06DA6606DBN B ****	06DBN B ****
24 VAC	06DF3132A 2 3650	06DA6606DBN C ****	06DBN C ****
24 VDC	06DF3132A 3 3650	06DA6606DBN D ****	06DBN D ****

- 7) Each kit has been preprogrammed to trip at the required Maximum Continuous Current (MCC) value. The MCC value is coded into the last 4 digits of the service kit number and the part number of the module. The number shown in the last four digits represents the MCC value in tenths of an Amp:

Example: Required MCC	Kit No. (13 th – 16 th digit)	Module No. (7 th – 10 th digit)
13.5 Amps	06DA6606DBNB 0135	06DBNB 0135
44.0 Amps	06DA6606DBNC 0440	06DBNC 0440
20.9 Amps	06DA6606DBNC 0209	06DBNC 0209

Appendix II is a list of the Carlyle Compressor Models that are supported by these kits. Verify that the MCC of the module corresponds to the compressor being serviced. If any of this information is not correct for the unit being serviced, do not use this kit. Contact RC or Carlyle Compressor for assistance.

This kit contains:

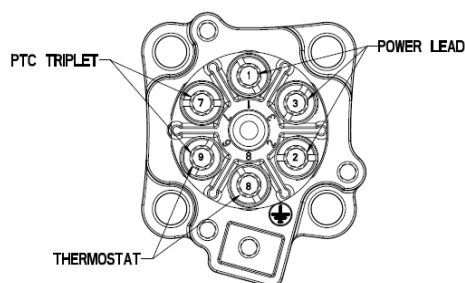


1

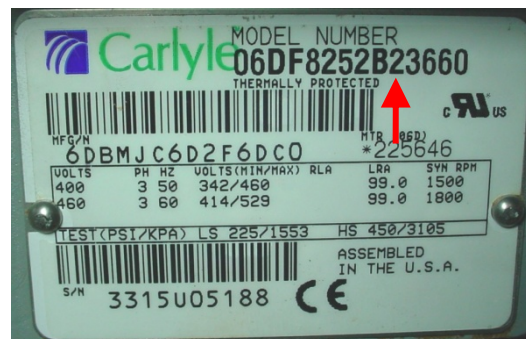
No.	QTY.	Part No.	Kit No.	Description
1	1	06DA509598	ALL	BRACKET
2	1	06DANB0000	06DA6606DBNB****	110-120 VAC MODULE
		06DANC0000	06DA6606DBNC****	24 VAC MODULE
		06DAND0000	06DA6606DBND****	24 VDC MODULE
3	1	06DA509599	ALL	CURRENT TRANSFORMER
4	2	AL56JA126	ALL	#6 SCREW FOR CT (NOT SHOWN)
5	2	AK87JY078	ALL	#6 SCREW FOR MODULE (NOT SHOWN)
6	2	99WZ0830QA201214	ALL	WIRE ASSY
7	1	06DA509601	ALL	MCC PROGRAMMING LABEL
8	1	06DA409610	ALL	HARDWARE KIT (NOT SHOWN)
9	1	06DA509602	ALL	WIRING LABEL (NOT SHOWN)

2

Verify that kit received is suitable for the compressor and system being serviced. First, make sure the module is intended for Carlyle 06D compressor which is fitted with internal PTCs.



6 Pin Terminal Plate



06D Comp's 10th Digit Contains "0", "1", "2" or "3"
06C Comp's 5th Digit Contains a Letter

Verify required control voltage of the module is correct for the system/unit supply. If the compressor was originally shipped with the hybrid motor protection arrangement, it will be reflected in the 10th digit of the Carlyle Model No. with a "1", "2" or "3". If the 10th digit contains a "0" (zero), the compressor was originally shipped without a motor protection system or may have been a service compressor.

Control Voltage	10 th Digit Comp'r Model No.	Kit No. (12 th digit)	Module No. (6 th digit)
110 -220 VAC	06DF3132A 1 3650	06DA6606DBS B ****	06DBN B ****
24 VAC	06DF3132A 2 3650	06DA6606DBS C ****	06DBN C ****
24 VDC	06DF3132A 3 3650	06DA6606DBS D ****	06DBN D ****
TBD	06DF3132A 0 3650	- Verify that the system being service is intended to use the hybrid motor protection system. - Verify control voltage requirements of the kit match system being serviced or retrofitted. - Review Steps 14-17 for additional considerations	

3

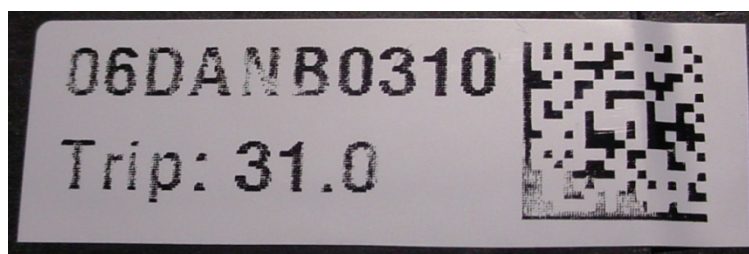
Module – Front Label



Module – Back Label

4

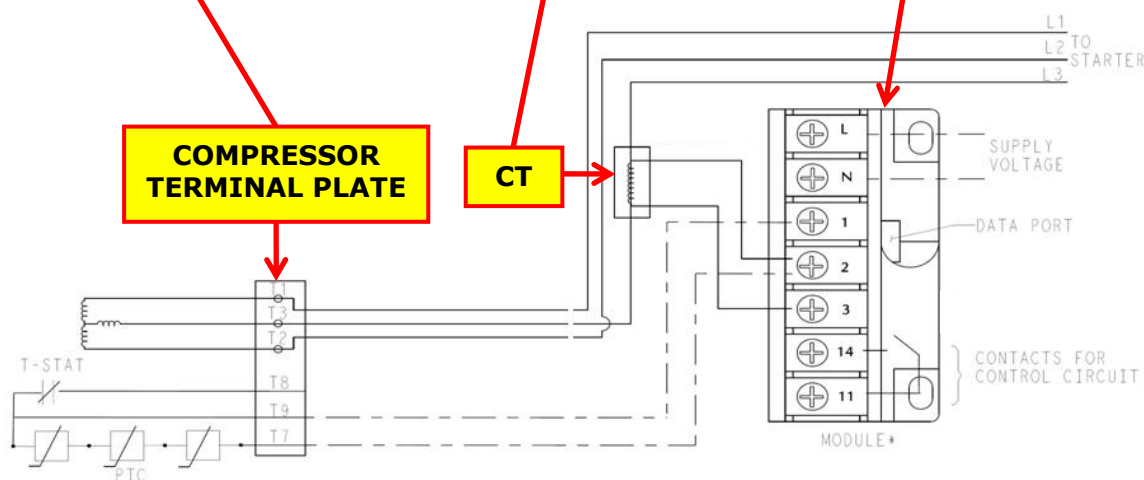
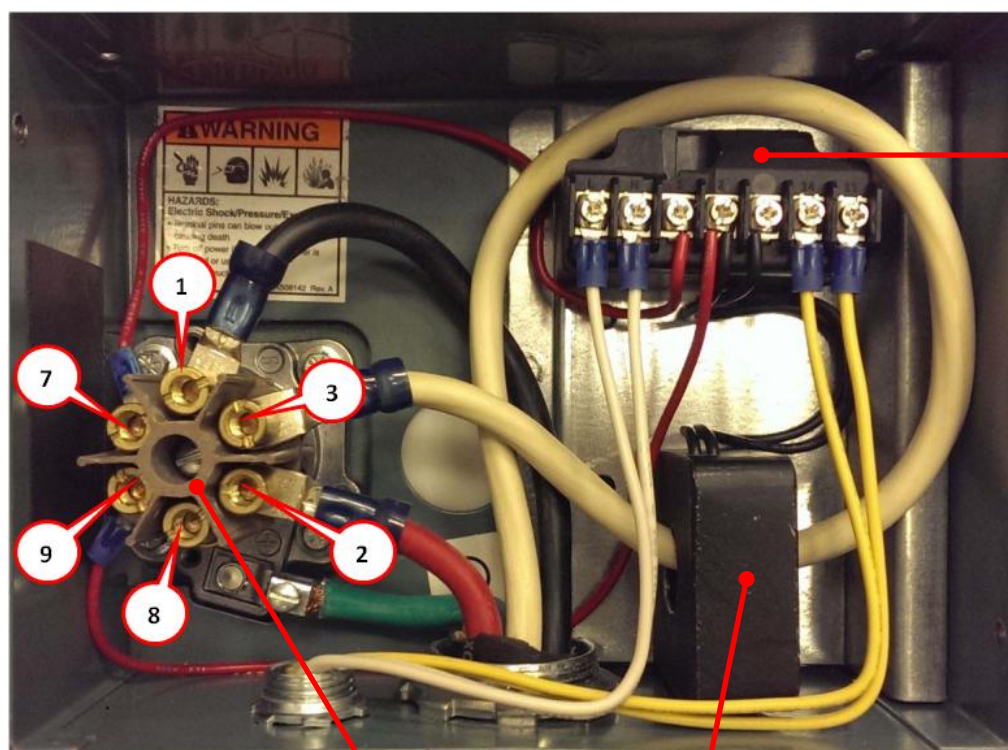
Verify that the MCC value of the new kit and module matches the required value shown in Appendix I and the label on the module being replaced.

**5**

Make sure the system and compressor has been properly locked-out and tagged (LOTO) before proceeding with any work.

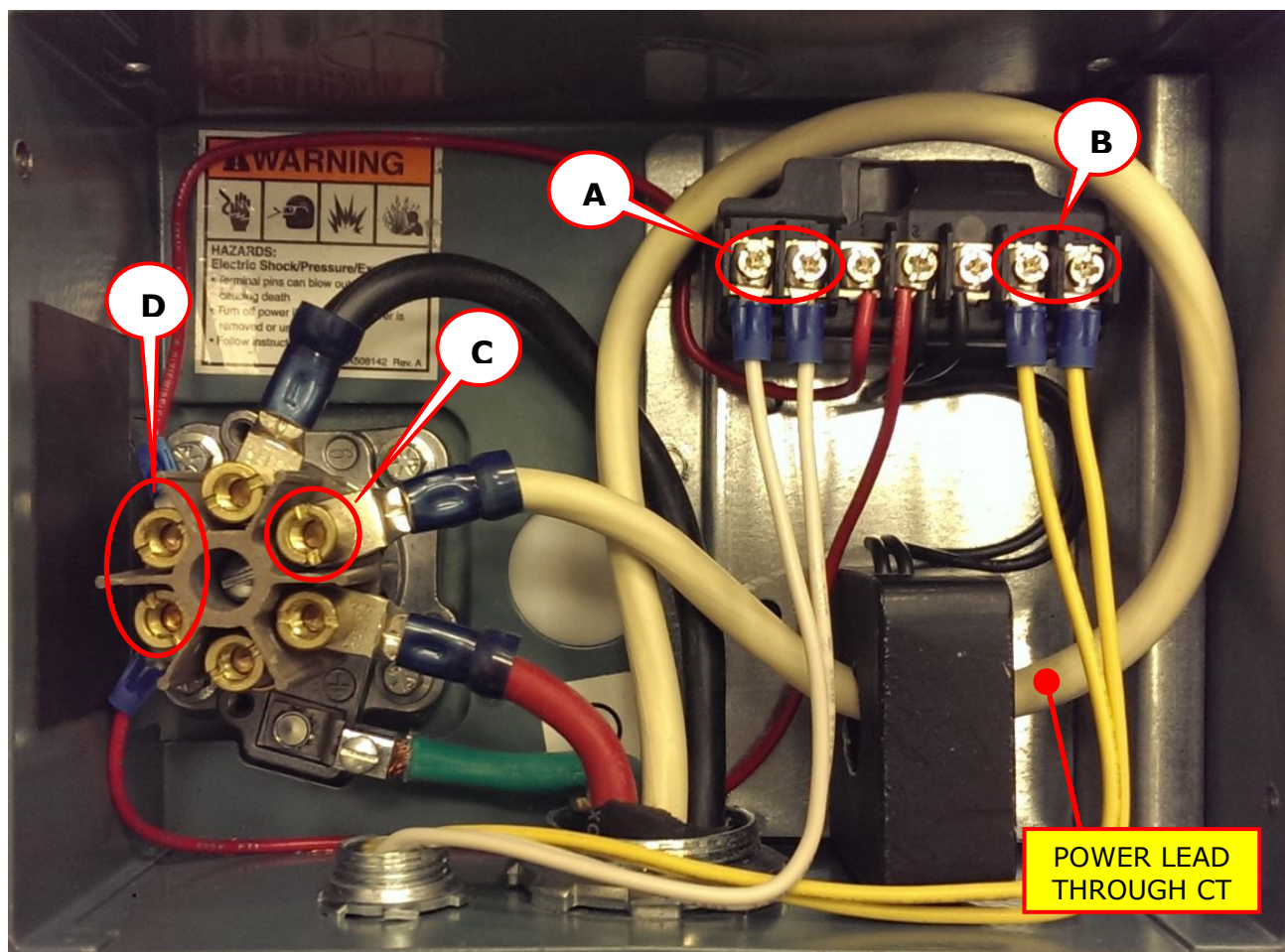
6

Remove the terminal box cover. If the compressor was originally fitted with hybrid motor protection system, the terminal box and wiring should resemble the Figure below:



There are four sets of electrical connections that must be removed and then reconnected on the new module.

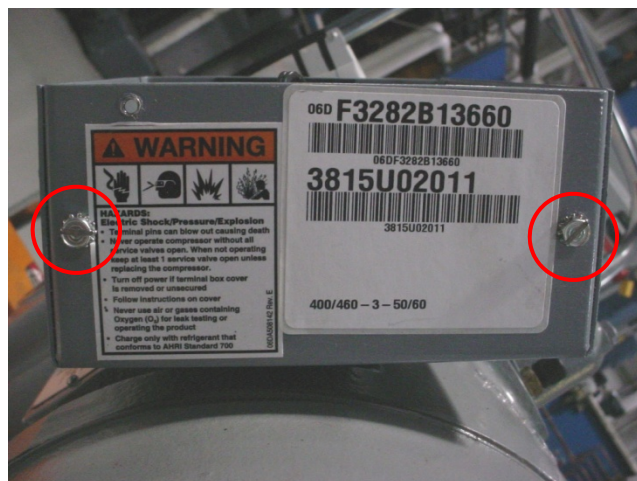
- A) Control Power to the module (Terminals "L" & "N" on the module)
- B) Module connections for the control circuit (Terminal "11" & "14" on the module)
- C) Power Lead that is monitored by the CT (Current Transformer) @ the terminal plate
- D) PTC connections @ the terminal plate (Terminals "7" & "9" on the compressor)



8 Disconnect these connections at the locations shown above. If required, mark the wires for the module power and the control circuit connections so they are not mixed or switched during assembly.

9

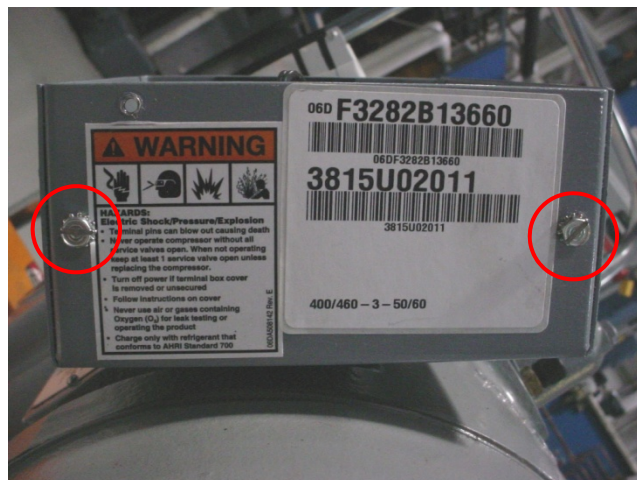
Remove the screws which hold the entire control module assembly to the terminal box. Two on the side and one inside the box.

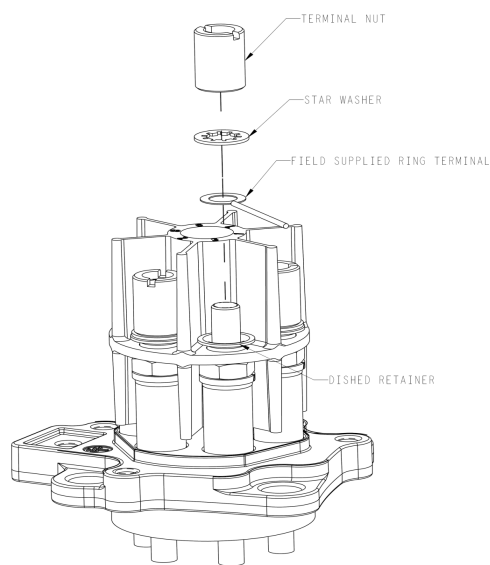
**10**

Double check that the labels on the control module being replaced and the new control module are the same.

11

Re-install the new module assembly and affix to the terminal box. The screws on the side of the terminal box (#10-16 Thread Forming) are torque to 12-24 in-lbs and the screw in the bottom (#10-32 UNC) is torque to 36-60 in-lbs.



12

Re-connect the electrical connections removed in Step 8. Below are the associated torque limits with those connections. Refer to the picture in Step 7. Make sure the power connection to the compressor goes through the CT and that the components for the compressor terminal pin connection are arranged correctly as shown. The Dished Retainer must be oriented so it extends through the Phase Barrier and the terminal sits on top.

UP

DISHED RETAINER

CONNECTION	TORQUE IN-LBS
A) CONTROL POWER TO MODULE	9-11 IN-LBS
B) CONTROL CIRCUIT TO MODULE	
C) POWER CONNECTION TO TERMINAL PIN	18-30 IN-LBS
D) PTC WIRES FROM MODULE TO TERMINAL PINS	

13

Make sure correct label(s) are installed on the terminal box cover. The labels should be the same as the ones shipped with the kit. If not, install the new labels on the terminal box cover. Torque the terminal box cover screws to 12-24 in-lbs.

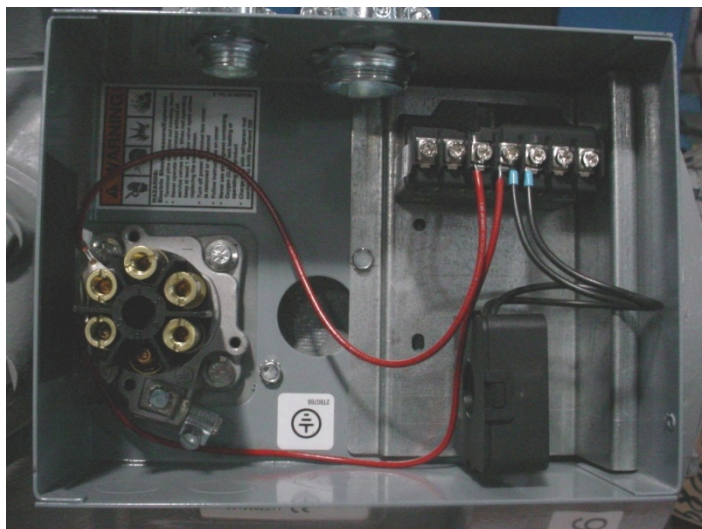
Retrofitting the PTC Hybrid Motor Protection System to a Carlyle PTC compressor that currently does not use the system.

14

If this hybrid motor protection is being retrofitted to a 6-pin Carlyle compressor with PTC for the first time, make sure the compressor has a "Large Folded" terminal box (06DA407764 for gray)

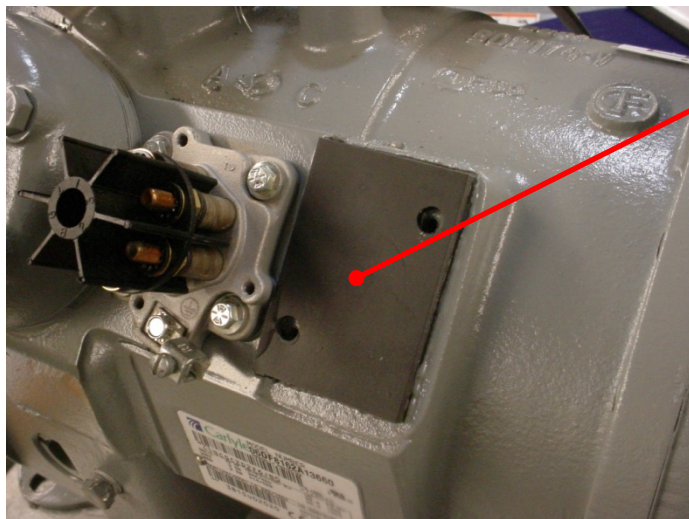
Note:

The large folded box required to fit this motor protection system is not rated for outdoor use.



15

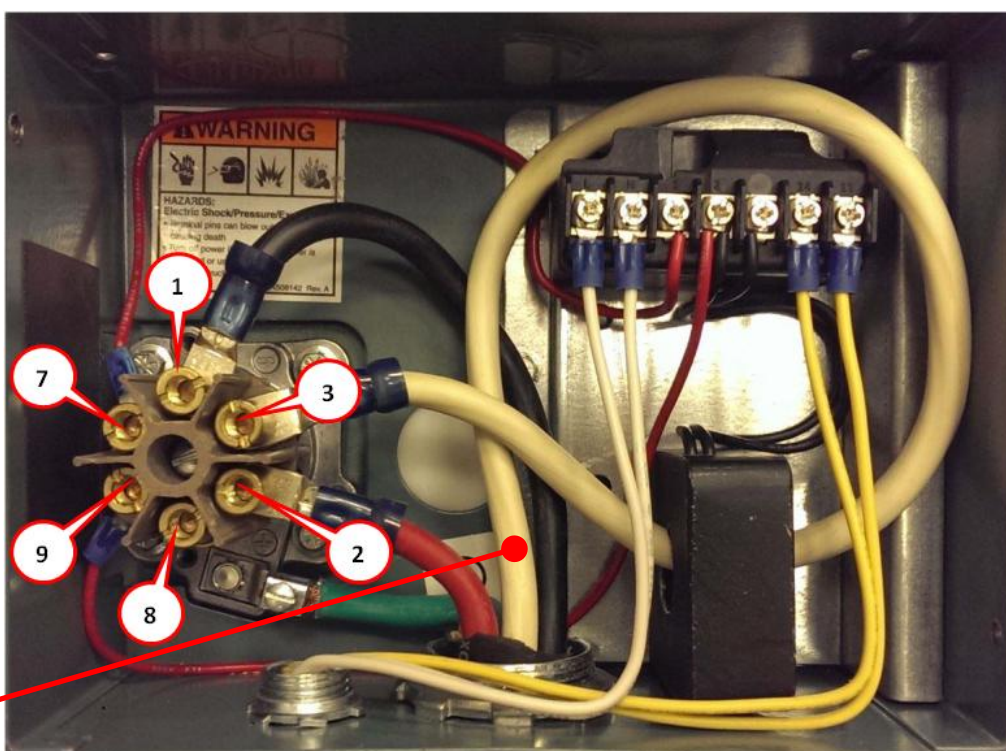
Two and four cylinder compressors will require a spacer (06DA509606) under the terminal box to accommodate the large folded box. This spacer is included in the service kit parts bag sent out with each service module. Note: The longer #10-32 screws (1/2" lg) must be used when the spacer is used under the terminal box. 3/8" long screws are used w/o the spacer.



16

Ensure one of the power leads is long enough to be routed through the CT. For this module, it does not matter which power lead goes through the CT. The power lead for either #1, #2 or #3 can be used. Note: only one lead should go through the CT and only once as shown.

**POWER LEAD
THROUGH CT**

**17**

Control voltage will have to be supplied in accordance with the module selected. Power consumption is 3 VA.

End.

APPENDIX I: TOOLS FOR 06D HYBRID MOTOR PROTECTION SERVICE

TOOL	TOOL NUMBER	SUPPLIER	OPERATION	S T E P (s)	NOTES
5/16" NUT DRIVER	00941972000P	CRAFTSMAN	REMOVING & INSTALLING: • TERMINAL BOX COVER • MTR PROTECTION ASSY	6 9 11 13	
#2 PHILLIPS OR FLAT BLADE SCREW DRIVER	AWP2X125	FACOM	REMOVING/INSTALLING WIRE CONNECTIONS ON MODULE	8 12	
FLAT BLADE SCREW DRIVER	AW10X200	FACOM	REMOVING/INSTALLING TERMINAL BARREL NUTS	8 12	TO FIT .064/.075" SLOT

REVISION RECORD

DATE	REV.	DESCRIPTION	CARLYLE REF. FILE NAME
11/10/15	---	INITIAL RELEASE	99TA516180_PTC_Hybrid_Mtr_Protech.docx
5/19/16	A	ADDED 24 VDC MODELS & ASSOCIATED WARNINGS	99TA516180A_PTC_Hybrid_Mtr_Protech.docx

Appendix II – Compressor Model Cross Reference to Module Kit No.

UNIVERSAL MODELS WITH 6 PIN TERM PLATES				
COMPRESSOR MODEL NUMBER	MOTOR PROTECTION SERVICE KIT No.			MCC (Amps)
	Control Voltage			
	110-220V	24V AC	24V DC	
06D * 013 ** 132 **	06DA6606DBNB0174			17.4
06D * 013 ** 232 **		06DA6606DBNC0174		
06D * 013 ** 332 **			06DA6606DBND0174	
06D * 013 ** 136 **	06DA6606DBNB0087			08.7
06D * 013 ** 236 **		06DA6606DBNC0087		
06D * 013 ** 336 **			06DA6606DBND0087	
06D * 013 ** 137 **	06DA6606DBNB0105			10.5
06D * 013 ** 237 **		06DA6606DBNC0105		
06D * 013 ** 337 **			06DA6606DBND0105	
06D * 109 ** 106 **	06DA6606DBNB0055			05.5
06D * 109 ** 206 **		06DA6606DBNC0055		
06D * 109 ** 306 **			06DA6606DBND0055	
06D * 109 ** 112 **	06DA6606DBNB0121			12.1
06D * 109 ** 212 **		06DA6606DBNC0121		
06D * 109 ** 312 **			06DA6606DBND0121	
06D * 228 ** 113 **	06DA6606DBNB0336			33.6
06D * 228 ** 213 **		06DA6606DBNC0336		
06D * 228 ** 313 **			06DA6606DBND0336	
06D * 228 ** 131 **	06DA6606DBNB0222			22.2
06D * 228 ** 231 **		06DA6606DBNC0222		
06D * 228 ** 331 **			06DA6606DBND0222	
06D * 228 ** 132 **	06DA6606DBNB0555			55.5
06D * 228 ** 232 **		06DA6606DBNC0555		
06D * 228 ** 332 **			06DA6606DBND0555	
06D * 228 ** 136 **	06DA6606DBNB0278			27.8
06D * 228 ** 236 **		06DA6606DBNC0278		
06D * 228 ** 336 **			06DA6606DBND0278	
06D * 313 ** 131 **	06DA6606DBNB0108			10.8
06D * 313 ** 231 **		06DA6606DBNC0108		
06D * 313 ** 331 **			06DA6606DBND0108	
06D * 313 ** 132 **	06DA6606DBNB0270			27.0
06D * 313 ** 232 **		06DA6606DBNC0270		
06D * 313 ** 332 **			06DA6606DBND0270	
06D * 313 ** 136 **	06DA6606DBNB0135			13.5
06D * 313 ** 236 **		06DA6606DBNC0135		
06D * 313 ** 336 **			06DA6606DBND0135	
06D * 313 ** 137 **	06DA6606DBNB0164			16.4
06D * 313 ** 237 **		06DA6606DBNC0164		
06D * 313 ** 337 **			06DA6606DBND0164	
06D * 316 ** 131 **	06DA6606DBNB0108			10.8
06D * 316 ** 231 **		06DA6606DBNC0108		
06D * 316 ** 331 **			06DA6606DBND0108	
06D * 316 ** 132 **	06DA6606DBNB0270			27.0
06D * 316 ** 232 **		06DA6606DBNC0270		
06D * 316 ** 332 **			06DA6606DBND0270	

Appendix II – Compressor Model Cross Reference to Module Kit No. Cont.

UNIVERSAL MODELS WITH 6 PIN TERM PLATES				
COMPRESSOR MODEL NUMBER	MOTOR PROTECTION SERVICE KIT No.			MCC (Amps)
	Control Voltage			
	110-220V	24V AC	24V DC	
06D * 316 ** 136 **	06DA6606DBNB0135			13.5
06D * 316 ** 236 **		06DA6606DBNC0135		
06D * 316 ** 336 **			06DA6606DBND0135	
06D * 316 ** 137 **	06DA6606DBNB0164			16.4
06D * 316 ** 237 **		06DA6606DBNC0164		
06D * 316 ** 337 **			06DA6606DBND0164	
06D * 328 ** 113 **	06DA6606DBNB0420			42.0
06D * 328 ** 213 **		06DA6606DBNC0420		
06D * 328 ** 313 **			06DA6606DBND0420	
06D * 328 ** 131 **	06DA6606DBNB0250			25.0
06D * 328 ** 231 **		06DA6606DBNC0250		
06D * 328 ** 331 **			06DA6606DBND0250	
06D * 328 ** 132 **	06DA6606DBNB0620			62.0
06D * 328 ** 232 **		06DA6606DBNC0620		
06D * 328 ** 332 **			06DA6606DBND0620	
06D * 328 ** 136 **	06DA6606DBNB0310			31.0
06D * 328 ** 236 **		06DA6606DBNC0310		
06D * 328 ** 336 **			06DA6606DBND0310	
06D * 328 ** 137 **	06DA6606DBNB0378			37.8
06D * 328 ** 237 **		06DA6606DBNC0378		
06D * 328 ** 337 **			06DA6606DBND0378	
06D * 337 ** 106 **	06DA6606DBNB0310			31.0
06D * 337 ** 206 **		06DA6606DBNC0310		
06D * 337 ** 306 **			06DA6606DBND0310	
06D * 337 ** 131 **	06DA6606DBNB0250			25.0
06D * 337 ** 231 **		06DA6606DBNC0250		
06D * 337 ** 331 **			06DA6606DBND0250	
06D * 337 ** 132 **	06DA6606DBNB0620			62.0
06D * 337 ** 232 **		06DA6606DBNC0620		
06D * 337 ** 332 **			06DA6606DBND0620	
06D * 337 ** 136 **	06DA6606DBNB0310			31.0
06D * 337 ** 236 **		06DA6606DBNC0310		
06D * 337 ** 336 **			06DA6606DBND0310	
06D * 337 ** 137 **	06DA6606DBNB0378			37.8
06D * 337 ** 237 **		06DA6606DBNC0378		
06D * 337 ** 337 **			06DA6606DBND0378	
06D * 537 ** 101 **	06DA6606DBNB0320			32.0
06D * 537 ** 201 **		06DA6606DBNC0320		
06D * 537 ** 301 **			06DA6606DBND0320	
06D * 537 ** 106 **	06DA6606DBNB0400			40.0
06D * 537 ** 206 **		06DA6606DBNC0400		
06D * 537 ** 306 **			06DA6606DBND0400	
06D * 537 ** 112 **	06DA6606DBNB0890			89.0
06D * 537 ** 212 **		06DA6606DBNC0890		
06D * 537 ** 312 **			06DA6606DBND0890	

Appendix II – Compressor Model Cross Reference to Module Kit No. Cont.

UNIVERSAL MODELS WITH 6 PIN TERM PLATES				
COMPRESSOR MODEL NUMBER	MOTOR PROTECTION SERVICE KIT No.			MCC (Amps)
	Control Voltage			
	110-220V	24V AC	24V DC	
06D * 537 ** 113 **	06DA6606DBNB0542			54.2
06D * 537 ** 213 **		06DA6606DBNC0542		
06D * 537 ** 313 **			06DA6606DBND0542	
06D * 541 ** 101 **	06DA6606DBNB0320			32.0
06D * 541 ** 201 **		06DA6606DBNC0320		
06D * 541 ** 301 **			06DA6606DBND0320	
06D * 541 ** 106 **	06DA6606DBNB0400			40.0
06D * 541 ** 206 **		06DA6606DBNC0400		
06D * 541 ** 306 **			06DA6606DBND0400	
06D * 541 ** 109 **	06DA6606DBNB0400			40.0
06D * 541 ** 209 **		06DA6606DBNC0400		
06D * 541 ** 309 **			06DA6606DBND0400	
06D * 541 ** 112 **	06DA6606DBNB0890			89.0
06D * 541 ** 212 **		06DA6606DBNC0890		
06D * 541 ** 312 **			06DA6606DBND0890	
06D * 718 ** 131 **	06DA6606DBNB0108			10.8
06D * 718 ** 231 **		06DA6606DBNC0108		
06D * 718 ** 331 **			06DA6606DBND0108	
06D * 718 ** 132 **	06DA6606DBNB0270			27.0
06D * 718 ** 232 **		06DA6606DBNC0270		
06D * 718 ** 332 **			06DA6606DBND0270	
06D * 718 ** 136 **	06DA6606DBNB0135			13.5
06D * 718 ** 236 **		06DA6606DBNC0135		
06D * 718 ** 336 **			06DA6606DBND0135	
06D * 725 ** 106 **	06DA6606DBNB0220			22.0
06D * 725 ** 206 **		06DA6606DBNC0220		
06D * 725 ** 306 **			06DA6606DBND0220	
06D * 725 ** 131 **	06DA6606DBNB0176			17.6
06D * 725 ** 231 **		06DA6606DBNC0176		
06D * 725 ** 331 **			06DA6606DBND0176	
06D * 725 ** 132 **	06DA6606DBNB0440			44.0
06D * 725 ** 232 **		06DA6606DBNC0440		
06D * 725 ** 332 **			06DA6606DBND0440	
06D * 725 ** 136 **	06DA6606DBNB0220			22.0
06D * 725 ** 236 **		06DA6606DBNC0220		
06D * 725 ** 336 **			06DA6606DBND0220	
06D * 725 ** 137 **	06DA6606DBNB0266			26.6
06D * 725 ** 237 **		06DA6606DBNC0266		
06D * 725 ** 337 **			06DA6606DBND0266	
06D * 808 ** 101 **	06DA6606DBNB0070			07.0
06D * 808 ** 201 **		06DA6606DBNC0070		
06D * 808 ** 301 **			06DA6606DBND0070	
06D * 808 ** 106 **	06DA6606DBNB0087			08.7
06D * 808 ** 206 **		06DA6606DBNC0087		
06D * 808 ** 306 **			06DA6606DBND0087	
06D * 808 ** 112 **	06DA6606DBNB0174			17.4
06D * 808 ** 212 **		06DA6606DBNC0174		
06D * 808 ** 312 **			06DA6606DBND0174	
06D * 816 ** 113 **	06DA6606DBNB0266			26.6
06D * 816 ** 213 **		06DA6606DBNC0266		
06D * 816 ** 313 **			06DA6606DBND0266	

Appendix II – Compressor Model Cross Reference to Module Kit No. Cont.

UNIVERSAL MODELS WITH 6 PIN TERM PLATES				
COMPRESSOR MODEL NUMBER	MOTOR PROTECTION SERVICE KIT No.			MCC (Amps)
	Control Voltage			
	110-220V	24V AC	24V DC	
06D * 816 ** 131 **	06DA6606DBNB0176			17.6
06D * 816 ** 231 **		06DA6606DBNC0176		
06D * 816 ** 331 **			06DA6606DBND0176	
06D * 816 ** 132 **	06DA6606DBNB0440			44.0
06D * 816 ** 232 **		06DA6606DBNC0440		
06D * 816 ** 332 **			06DA6606DBND0440	
06D * 816 ** 136 **	06DA6606DBNB0220			22.0
06D * 816 ** 236 **		06DA6606DBNC0220		
06D * 816 ** 336 **			06DA6606DBND0220	
06D * 818 ** 106 **	06DA6606DBNB0246			24.6
06D * 818 ** 206 **		06DA6606DBNC0246		
06D * 818 ** 306 **			06DA6606DBND0246	
06D * 818 ** 113 **	06DA6606DBNB0266			26.6
06D * 818 ** 213 **		06DA6606DBNC0266		
06D * 818 ** 313 **			06DA6606DBND0266	
06D * 818 ** 131 **	06DA6606DBNB0176			17.6
06D * 818 ** 231 **		06DA6606DBNC0176		
06D * 818 ** 331 **			06DA6606DBND0176	
06D * 818 ** 132 **	06DA6606DBNB0440			44.0
06D * 818 ** 232 **		06DA6606DBNC0440		
06D * 818 ** 332 **			06DA6606DBND0440	
06D * 818 ** 136 **	06DA6606DBNB0220			22.0
06D * 818 ** 236 **		06DA6606DBNC0220		
06D * 818 ** 336 **			06DA6606DBND0220	
06D * 820 ** 113 **	06DA6606DBNB0266			26.6
06D * 820 ** 213 **		06DA6606DBNC0266		
06D * 820 ** 313 **			06DA6606DBND0266	
06D * 820 ** 131 **	06DA6606DBNB0176			17.6
06D * 820 ** 231 **		06DA6606DBNC0176		
06D * 820 ** 331 **			06DA6606DBND0176	
06D * 820 ** 132 **	06DA6606DBNB0440			44.0
06D * 820 ** 232 **		06DA6606DBNC0440		
06D * 820 ** 332 **			06DA6606DBND0440	
06D * 820 ** 136 **	06DA6606DBNB0220			22.0
06D * 820 ** 236 **		06DA6606DBNC0220		
06D * 820 ** 336 **			06DA6606DBND0220	
06D * 825 ** 113 **	06DA6606DBNB0336			33.6
06D * 825 ** 213 **		06DA6606DBNC0336		
06D * 825 ** 313 **			06DA6606DBND0336	
06D * 825 ** 131 **	06DA6606DBNB0222			22.2
06D * 825 ** 231 **		06DA6606DBNC0222		
06D * 825 ** 331 **			06DA6606DBND0222	
06D * 825 ** 132 **	06DA6606DBNB0555			55.5
06D * 825 ** 232 **		06DA6606DBNC0555		
06D * 825 ** 332 **			06DA6606DBND0555	
06D * 825 ** 136 **	06DA6606DBNB0278			27.8
06D * 825 ** 236 **		06DA6606DBNC0278		
06D * 825 ** 336 **			06DA6606DBND0278	

Appendix II – Compressor Model Cross Reference to Module Kit No. Cont.

UNIVERSAL T'STAT/PTC MODELS WITH 6 PIN TERM PLATES				
COMPRESSOR MODEL No.	MOTOR PROTECTION SERVICE KIT NUMBER			MCC (Amps)
	Control Voltage			
	110-220V	24V AC	24V DC	
06C * A17D ***	06DA6606DBNB0270			27.0
06C * A17G ***	06DA6606DBNB0135			13.5
06C * A17J ***	06DA6606DBNB0108			10.8
06C * A17Q ***	06DA6606DBNB0164			16.4
06C * B17D ***		06DA6606DBNC0270		27.0
06C * B17G ***		06DA6606DBNC0135		13.5
06C * B17J ***		06DA6606DBNC0108		10.8
06C * B17Q ***		06DA6606DBNC0164		16.4
06C * C17D ***			06DA6606DBND0270	27.0
06C * C17G ***			06DA6606DBND0135	13.5
06C * C17J ***			06DA6606DBND0108	10.8
06C * C17Q ***			06DA6606DBND0164	16.4
06C * D25D ***	06DA6606DBNB0440			44.0
06C * D25G ***	06DA6606DBNB0220			22.0
06C * D25Q ***	06DA6606DBNB0266			26.6
06C * E25D ***		06DA6606DBNC0440		44.0
06C * E25G ***		06DA6606DBNC0220		22.0
06C * E25Q ***		06DA6606DBNC0266		26.6
06C * F25D ***			06DA6606DBND0440	44.0
06C * F25G ***			06DA6606DBND0220	22.0
06C * F25Q ***			06DA6606DBND0266	26.6
06C * G28D ***	06DA6606DBNB0416			41.6
06C * G28G ***	06DA6606DBNB0209			20.9
06C * G28J ***	06DA6606DBNB0167			16.7
06C * G28Q ***	06DA6606DBNB0336			33.6
06C * H28D ***		06DA6606DBNC0416		41.6
06C * H28G ***		06DA6606DBNC0209		20.9
06C * H28J ***		06DA6606DBNC0167		16.7
06C * H28Q ***		06DA6606DBNC0336		33.6
06C * J28D ***			06DA6606DBND0416	41.6
06C * J28G ***			06DA6606DBND0209	20.9
06C * J28J ***			06DA6606DBND0167	16.7
06C * J28Q ***			06DA6606DBND0336	33.6
06C * K37D ***	06DA6606DBNB0466			46.6
06C * K37G ***	06DA6606DBNB0233			23.3
06C * K37J ***	06DA6606DBNB0188			18.8
06C * K37Q ***	06DA6606DBNB0378			37.8
06C * L37D ***		06DA6606DBNC0466		46.6
06C * L37G ***		06DA6606DBNC0233		23.3
06C * L37J ***		06DA6606DBNC0188		18.8
06C * L37Q ***		06DA6606DBNC0378		37.8
06C * M37D ***			06DA6606DBND0466	46.6
06C * M37G ***			06DA6606DBND0233	23.3
06C * M37J ***			06DA6606DBND0188	18.8
06C * M37Q ***			06DA6606DBND0378	37.8