

## SubDrive Connect Plus - Conduit Plate Kit

**▲ WARNING**

Contact with hazardous voltage could result in death or serious injury.

- Do not attempt to replace fans until power has been removed and 5 minutes have passed to allow internal voltage to discharge.

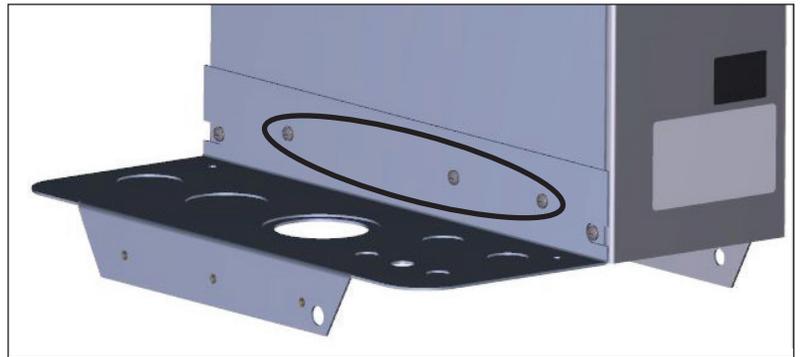
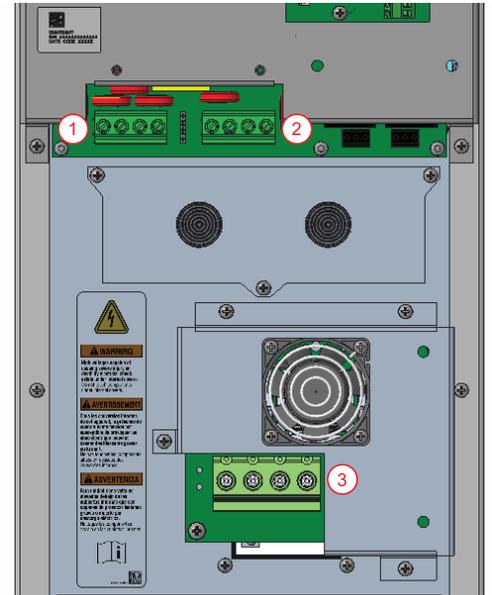
Refer to the SUBDRIVE CONNECT PLUS Owner's Manual for Additional Important Safety and Operation Information.

### Kit Contents

- CONDUIT PLATE, WITH or WITHOUT KNOCKOUTS, Quantity 1
- CONDUIT PLATE SCREW, M4 x 8, Quantity 3
- COVER SCREW, STAINLESS, M4 x 6, Quantity 3

### Kit Installation

1. Remove power from the drive and wait 5 minutes.
2. Remove the cover from the drive.
3. Disconnect the incoming power from terminal block (1). Install protective wire nuts onto the end of each wire. Remove the incoming power cable and its strain relief from the conduit plate.
4. If the drive does not have an output filter, disconnect the motor cable from terminal block (2). If the drive has an output filter, disconnect the motor cable from terminal block (3). Install protective wire nuts onto the end of each wire. Remove the motor cable and its strain relief from the conduit plate.
5. Label and remove all remaining cables and strain reliefs from the conduit plate. This could include transducer/sensors, switches, etc.
6. Remove three circled screws shown at right, and remove the conduit plate.
7. Prior to installing a conduit plate without knockouts, create appropriately sized holes in the plate for incoming power, motor cable, and any accessories. Install the new conduit plate, securing with three stainless M4 x 8 screws supplied in the kit. Tighten to 10 in-lbs (1.1 Nm).
8. Reinstall the motor cable through the new conduit plate. Remove the protective wire nuts from the end of each wire. If the drive does not have an output filter, connect the motor wires to terminal block (2). Tighten to 15 in-lbs (1.7 Nm) for Frame 2 or 31 in-lbs (3.4 Nm) for Frame 3. If the drive has an output filter, connect the motor wires to terminal block (3). Tighten to 31 in-lbs (3.4 Nm) for Frame 2 or 50 in-lbs (5.6 Nm) for Frame 3.
9. Reinstall the incoming power cable through the new conduit plate. Remove the protective wire nuts from the end of each wire. Connect the incoming power to terminal block (1). Tighten to 15 in-lbs (1.7 Nm) for Frame 2 or 31 in-lbs (3.4 Nm) for Frame 3.
10. Reinstall all remaining cables through the new conduit plate (transducer/sensors, switches, etc.).
11. Reinstall the drive cover using three cover screws provided in the kit.
12. Power up the drive.



For technical assistance, parts, or repair, please contact:

800.348.2420 | [franklinwater.com](http://franklinwater.com)

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