NOTES:

1. Connector name and part number:
   - Name: EVSE CONNECTOR J1772 LEVEL 1 & 2 CHARGERS
   - Part number: 8301-06965-00100-XXX - No docking light
   - Part number: 8301-06965-00100-LXX - Includes docking LED light
   - Note: Suffix (XXX) & (LXX) are assigned to specific handle colors, logos, and cable lengths.

2. Specifications:
   - SAE J1772 AC LEVEL 1 & 2 EV CONDUCTIVE CHARGE COUPLER
   - UL 2251 STANDARD TEST OF COUPLERS FOR ELECTRIC VEHICLES
   - CSA C22.2 NO 182.2 INDUSTRIAL LOCKING TYPE SPECIAL CONNECTORS

3. Connector marking: UL/CSA, part number, UL file number, enclosure type, and electrical rating.

4. Materials:
   - Connector insulators: THERMOPLASTIC, UL 94 V-0
   - Connector contacts: COPPER ALLOY & STAINLESS STEEL

5. Contact finish: Silver over nickel under plating

6. Cable length: Specified per order.

7. Reference dimensions in parenthesis (.XXX) are without tolerance and used for information only.
1. Line up connector with vehicle inlet and insert. Thumb button is in the natural upright position.

2. As the connector is inserted and begins to engage latch, the thumb button will automatically depress down. *See note below

3. An audible click will be heard as the connector becomes fully mated. Button should return to its original natural position and the connector will be locked in place.

4. To remove the connector, depress thumb button to release locking mechanism and pull connector from vehicle inlet.

*Note if docking light option included: Alternatively, the thumb button can be manually depressed during insertion to activate docking light when using in a dimly lit environment. Release button to lock connector in place.
- WIRING NOTES WITHOUT DOCKING LIGHT -

FACE VIEW

POSITION 1: L1
POSITION 2: L2 / N
POSITION 3: EQUIPMENT GROUND
POSITION 4: CONTROL PILOT
POSITION 5: PROXIMITY DETECTION

WHITE WIRE
POSITION 2: L2 / N
GREEN WIRE
POSITION 3: EQUIPMENT GROUND
BLUE WIRE
POSITION 4: CONTROL PILOT
BLACK WIRE
POSITION 1: L1
WHITE WIRE
POSITION 2: L2 / N
GREEN WIRE
POSITION 3: EQUIPMENT GROUND
BLUE WIRE
POSITION 4: CONTROL PILOT
BLACK WIRE
POSITION 1: L1

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- WIRING NOTES WITH DOCKING LIGHT -

FACE VIEW

- DOCKING LIGHT
- BLACK WIRE
  - POSITION 1: L1
- WHITE WIRE
  - POSITION 2: L2 / N
- BLUE WIRE
  - POSITION 4: CONTROL PILOT
- GREEN WIRE
  - POSITION 3: EQUIPMENT GROUND
- POSITION 5: PROXIMITY DETECTION

DOCKING LIGHT 12V FEED
LATCH LOCK - PADLOCK HOLE ACCEPTS SHACKLE DIAMETER 4.68 [0.184] TO 5.10 [0.200]

CONNECTOR LATCH PADLOCK

5 MM OR 3/16" NOMINAL SHACKLE DIAMETER

35.0 [1.38] SUGGESTED MINIMUM STRAIGHT SHACKLE LENGTH