

# SQUARE D

## Instruction Bulletin

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### Lug Extender Kit Class 9999 Type LB0

#### INTRODUCTION

The Class 9999 Type LB0 lug extender kit is for use with MOTOR LOGIC™ solid-state overload relays (Class 9065 Type SS and SF, 6 to 18 A and 9 to 27 A). This kit is used in starter applications to directly connect the solid-state overload relay to a Square D Type S, NEMA Size 0 or NEMA Size 1 contactor.

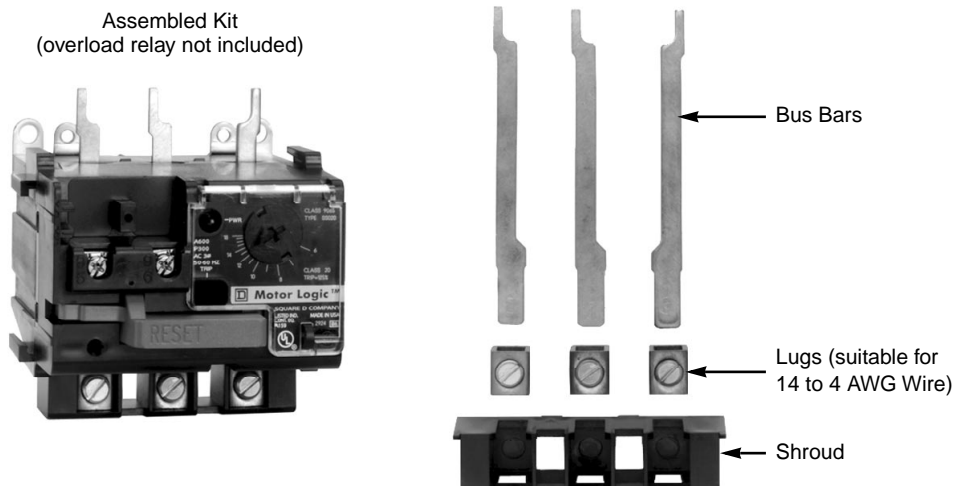


Figure 1 Lug Extender Kit

#### ASSEMBLY

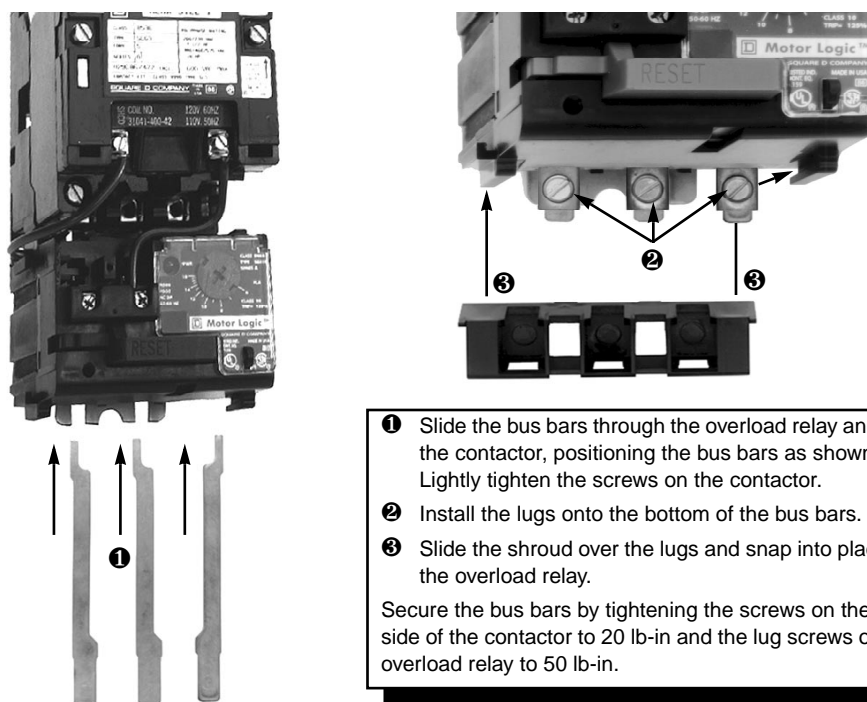
Assemble the lug extender kit on the solid-state overload relay as shown in Figure 2.

**⚠ DANGER**

**HAZARDOUS VOLTAGE.**

**Disconnect all power before working on equipment.**

Electrical shock will cause severe injury or death.



- 1 Slide the bus bars through the overload relay and into the contactor, positioning the bus bars as shown. Lightly tighten the screws on the contactor.
- 2 Install the lugs onto the bottom of the bus bars.
- 3 Slide the shroud over the lugs and snap into place on the overload relay.

Secure the bus bars by tightening the screws on the load side of the contactor to 20 lb-in and the lug screws on the overload relay to 50 lb-in.

Figure 2 Assembling the Lug Extender Kit

## **POWER WIRING**

The overload relay lugs are suitable for wire sizes AWG 14 to 4, solid or stranded single copper wires, 60 °C or 75 °C. Recommended tightening torque: 50 lb-in.

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