

Installation Instructions

785-LSQ051

Heavy duty limit switch

HDLS LSQ Series

Before work begins

- 01 Confirm the exact 785-LSQ051 article number and installed power-section position.
- 02 Place the drive in a safe state, isolate all energy sources and wait the Siemens discharge time.
- 03 Record busbars, connectors, gate leads, cooling connections and protective-earth conductors.
- 04 Use ESD controls and qualified drive-service personnel throughout the replacement.

Model-specific connection checks

Catalog Number	785-LSQ051
Series	HDLS LSQ
Device Type	Heavy-duty limit switch
Actuator Style	Rotary operating head
Contact Function	Snap-action limit sensing
Housing Type	Industrial metal enclosure
Conduit Entry	Threaded wiring entry
Mounting	Fixed machine mounting
Operating Mode	Mechanical position detection
Field Wiring	Internal terminal connection

Installation sequence

- Inspect the replacement for transport damage, contamination, bent pins and altered keying.
- Install without forcing connectors or busbars; restore all shields, grounds and cooling seals.
- Torque power connections and secure cable supports under the applicable Siemens procedure.

Commissioning and return to service

- 01 Head alignment and sealing.
- 02 Check insulation and protective-earth continuity before energising..
- 03 Restore auxiliary and main power in the approved sequence..
- 04 Observe interface, control-unit and power-section diagnostics..
- 05 Test the connected motor or DC-drive function at a controlled operating point..
- 06 Record the final article number, test results and maintenance approval..

This AMIKON installation reference supplements the applicable Siemens controlled documentation and the site safety procedure.
Warranty: 12 months from AMIKON.