

OFFICIAL MODEL-SPECIFIC GUIDE

Installation Instructions

LD800HSE 3BDH000320R02

ABB AC 800F fieldbus devices · FOUNDATION Fieldbus linking device

01 VERIFIED CONFIGURATION

Host Network	FOUNDATION Fieldbus HSE
Field Networks	FOUNDATION Fieldbus H1
Ethernet Interface	10/100 Mbit/s
H1 Channels	4
Redundancy	Device and network redundancy

02 DOCUMENTED INSTALLATION SCOPE

- Isolate all applicable electrical and process energy before work.
- Confirm the exact article number, option slot and connector assignments.
- Follow the official ABB mounting, wiring and commissioning sequence.

INSTALLATION CHECK

Confirm compatible drive or controller hardware and site procedure before work.

Mounting and Dismounting

For installation on a DIN rail (35mm), the two upper notches must be attached to the rail. Press the linking device down towards the rail until it locks into place.

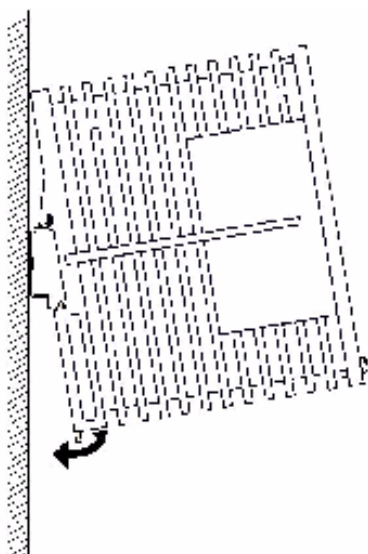


Figure 3. Installation

To dismount the linking device from the top-hat rail, slide a screw driver horizontally underneath the housing into the locking bar, slide the bar downwards – without tilting the screw driver - and fold the linking device upwards.

Mounting and Dismounting

Section 2 Hardware Installation

To maintain the operating temperature of the linking device, ensure proper ventilation is maintained in the enclosure:

- Mounting direction must be placed horizontally.
- Clearance between the linking device and the adjacent components or side walls of the housing must be adhered as illustrated in [Figure 4](#).

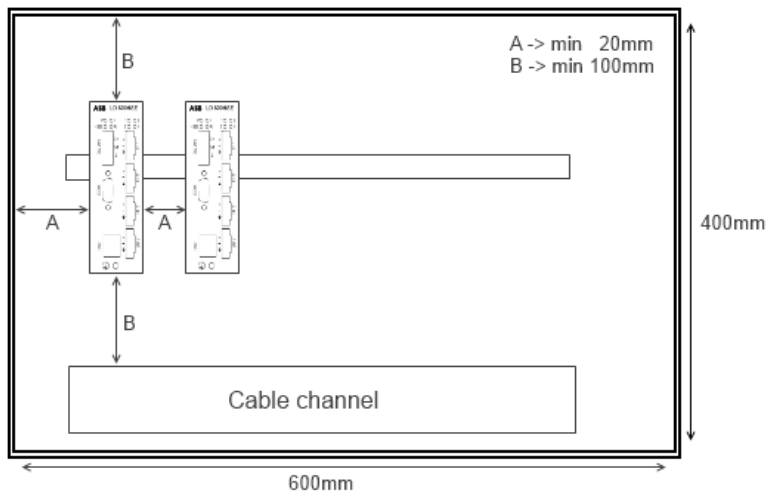


Figure 4. Field Housing with LD 800HSE Clearances