

FieldIT
FOUNDATION Fieldbus Linking Device LD 800HSE
Version 3.4.0

LD 800HSE Instruction Leaflet

General

Additional information regarding this product is available in the ABB SolutionsBank
<http://solutionsbank.abb.com>



Before commissioning of LD 800HSE make sure to use the latest and recommended linking device firmware released for your system environment according to *LD 800HSE Version Table (3BDS009910)* in ABB SolutionsBank.

For commissioning of LD 800HSE the *User Instructions (3BDD011677R0501)* have to be observed! To obtain the User Instructions search for document number 3BDD011677* in ABB SolutionsBank

Restrictions

There exist various hardware versions of the FF Linking Device LD 800HSE with different article numbers as listed below.

Table 1: Hardware Versions

| Hardware Version | Article Number |
|-------------------------|-----------------|
| 1.0x (x = 0, 1, 2, ...) | 3BDH000320R0101 |
| 1.1y (y = 0, 1, 2, ...) | 3BDH000320R02 |



You can look up the hardware version and the article number of the device on the type plate.

As a general rule these hardware versions are compatible. Different hardware versions may be used within one system environment, but the following restrictions apply:



Do not use Linking Devices LD 800HSE with different article numbers within a redundant set of devices during normal plant operation.



Do not online replace a redundant set of Linking Devices LD 800HSE of hardware version 1.1y by devices of hardware version 1.0x (hardware downgrade).



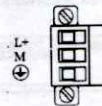
Using Linking Devices LD 800HSE with different article numbers within a redundant set of devices is allowed for online replacement (hardware upgrade) of a redundant set only. Both devices have to be replaced one after the other keeping the period of mixed operation as short as possible.

During the period of mixed operation it is not allowed to apply configuration changes to the redundant set of linking devices and the H1 devices connected.

Interfaces

Power Supply

The supply voltage (24V DC \pm 20%) is connected by a 3-pole terminal block.



Grounding

A separate screw connection is available for grounding at the bottom part of the front panel. To meet the EMC requirements a low inductance connection between this screw and ground potential is required.