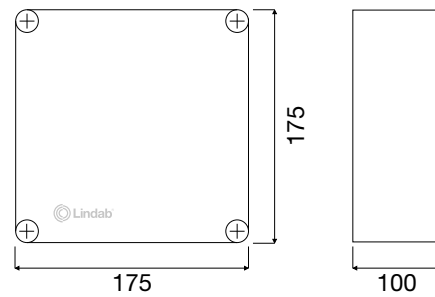


# Signalförstärkare

# FDS-R



## Dimensions (mm)



## Description

Signalförstärkaren FDS-R krävs om fler än 30 slavenheter är installerade för att förstärka RS-485-signalkvaliteten.

FDS-R levereras med en separat transformator (230 V).



## Ordering example

**FDS-R**

Type

# Signalförstärkare

# FDS-R

## Technical data

<b>Supply voltage</b>	24 V DC (+ 10 V DC - + 30 V DC, non-isolated)
<b>Power consumption</b>	2.16 W
<b>Serial interface RS485</b>	Data+, Data-
<b>Cables</b>	Belden 9841 (2P twisted-pair cable)/Belden 9842 (4P twisted-pair cable), if different cables are used, the transmission distance may change
<b>Baud rate</b>	Automatic switching between 300 and 115200 bps
<b>Isolation</b>	2-way 3000 V DC isolation protection
<b>ESD protection</b>	Yes
<b>LED indicators</b>	Available for Power/communication
<b>Operating temperature</b>	-25...+75°C
<b>Storage temperature</b>	-30...+75°C
<b>Humidity</b>	10...90 % RH, non-condensing
<b>Flammability</b>	Fire Retardant Materials (UL94-V0 Level)
<b>Connector</b>	Plug-in screw terminal block
<b>Material, casing</b>	Plastic
<b>Mounting</b>	DIN-Rail
<b>Dimensions (HxWxD)</b>	122 x 72 x 35 mm
<b>CE</b>	This product conforms with the EMC requirements of European harmonised standards. For the evaluation regarding EMC, certain standards were applied to RFI Emission and Immunity. FDS-R carries the CE and RoHS marks.

## Wiring diagram

