Connector
REG 191/11 LCP3000EZ
Data Sheet

product GUIDE

SIEMENS

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Connector
REG 191/11

5WG1-191-5AB11

Product and Applications Description

The REG 191/11 connector is a small-scale DIN-rail mounted device for placing under distributor cabinet covers. It creates a connection between the data rails within a distributor cabinet (via two distributors), or between a data rail and the bus line installed in the building. This connector is similar to the REG 191/01, but has two additional connections which are connected to the two outer printed conductors of the data rail. This makes it possible, for example, to operate two N 123 voltage supply units, which are mounted on different data buses, across an N 120 choke. Up to eight lines can be connected via two low voltage connection blocks (to be ordered seperately) which are similar to the 193 bus connection block.

Application Programs

No application programs required.

Technical Specifications

CONNECTIONS
- Bus line:
- Two screwless bus connection blocks AWG #18-20 solid Cu (order separately)
- Pressure contacts on data rail
- Outer printed conductors of the data rail:
- Two screwless extra low voltage terminals AWG #18-20 solid Cu (order separately)

PHYSICAL SPECIFICATIONS
- Polymer casing
- DIN-rail mounted device, width: 1 SU (1SU = 18 mm)
- Weight: approx. 45 g (2oz)
- Installation: rapid mounting on DIN EN 50022-35 x 7,5

ELECTROMAGNETIC COMPATIBILITY

Complies with Part 15 of the FCC rules pursuant to the limits for a Class A digital device.

ENVIRONMENTAL SPECIFICATIONS
- Ambient temperature operating: -5... +45°C (23... 113°F)
- Maximum ambient temperature range: -25... +70°C (-13... 158°F)
- Relative humidity (non-condensing): 5% to 93%

LISTINGS AND CERTIFICATIONS

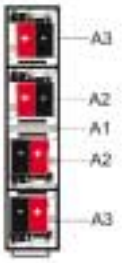
UL listed (E173 174)
UL 916, Energy Management Equipment Accessory

CSA certified
(pending)

CE marked
complies with EMC regulations (residential and non-residential buildings) and low volt-age regulations

EIB certified

Location and Function of the Ports (terminals)



A1 Connector REG 191/01
A2 Bus connection block
A3 Low voltage terminal (DC 24 V)

Installation Instructions

The device may be used for permanent interior installations in dry locations within distribution boards.

WARNING

Disconnect and lock off power before installing or working on the device.

The device must not be opened.

Free DIN rail areas with sticked-in data rails must be covered with covers, order no. 5WG1 192-8AA01.

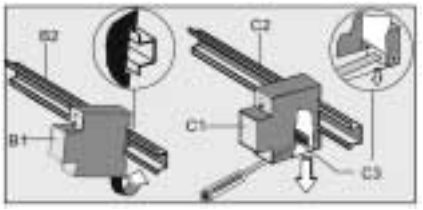
The prevailing safety rules must be heeded.

The device must not be opened. A device suspected faulty should be returned to the local Siemens office.

Mounting

General description

The DIN-rail device can be installed in the *instabus* EIB lighting control panel, to surface or flush mounted, and snapped onto the DIN-rail EN 500022-35 x 7,5 available that has a data rail plugged to it.



The connection to the bus line is established by clicking the device onto the DIN-rail (with glued-in data rail). Take care that the type plates of all devices on a DIN-rail can be read in the same direction, guaranteeing the devices are polarized correctly.

Mounting the Connector unit REG 191/11 to a DIN-rail

- Slide the DIN-rail device (B1) onto the DIN-rail (B2) and swivel the DIN-rail device until the slide clicks into place audibly.

Dismounting DIN-rail devices

- Remove all connected wires
- Press down the slide (C3) with a screwdriver and swivel the DIN-rail device (C1) from the DIN-rail (C2).

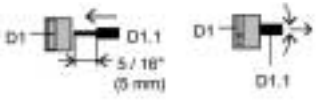
Wiring

Slipping on the bus connection block

- Slip the bus connection block (D1) onto the guide slot
- Press the bus connection block (D1) down to the stop

Connecting the bus connection line

- The connection block (D1) can be used with single core conductors Ø 0,6 ... 0,8 mm.
- Remove approx. 5/16" (5 mm) of insulation from the conductor (D1.1) and plug it into the connection block (D2) (red = +, black = -).



Connecting and disconnecting the bus connection line

Disconnecting the bus connection line

- Unplug the bus connection block (D1) and remove the bus cable conductor (D1.1) while simultaneously wiggling it.

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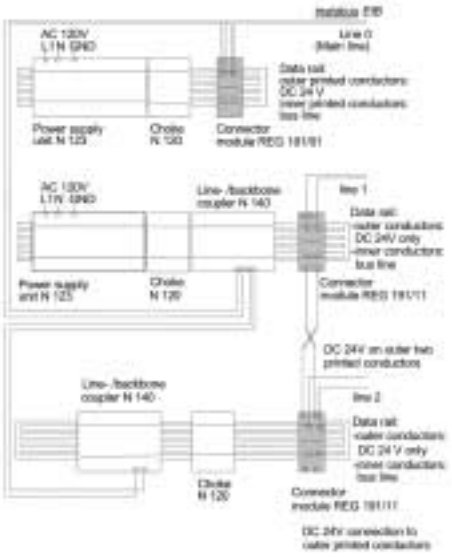
Typical circuit



Important remark
A faulty device should be returned to the local Siemens sales office or distributor.

Siemens Energy & Automation, Inc.
Power Distribution Solutions
3333 Old Milton Parkway
Alpharetta, GA 30005

For more information, call **1-800-427-2256**
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