



## Product and Applications Description

The REG 191/01 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. Up to eight bus lines can be connected via two 193 bus connection blocks (to be ordered separately).

## 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

### Physical specifications

- polymer casing
- DIN-rail mounted device, width: 1 SU (1SU = 18mm)
- weight: approx. 45 g (2oz)
- installation: rapid mounting on DIN EN 50022-35 x 7,5 rail

### 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

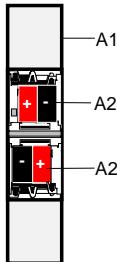
(pending)

### CE marked

complies with EMC regulations (residential and non-residential buildings), and low voltage regulations

### EIB certified

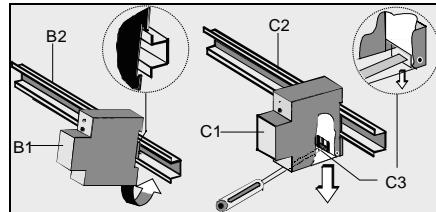
**Location and Function of the Display and Control Elements**



A1 Connector REG 191/01  
A2 Bus connection block

**Installation Instructions**

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



**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 that has a data rail stucked 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 191/01 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 screw-driver and swivel the DIN-rail device (C1) from the DIN-rail (C2).

## WARNING

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

The device must not be opened.

Free DIN rail areas with stucked-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.

**Wiring**

**Slipping on the bus connection block**

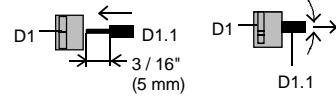
- slip the bus connection block (D1) onto the guide slot and
- press the bus connection block (D1) down to the stop

**Connecting the bus connection line**

- The connection block (D1) can be used with single core conductors Ø 0,6 ... 0,8 mm.
- Remove approx. 3/16" (5 mm) of insulation from the conductor (D1.1) and plug it into the connection block (D2) (red = +, black = -).

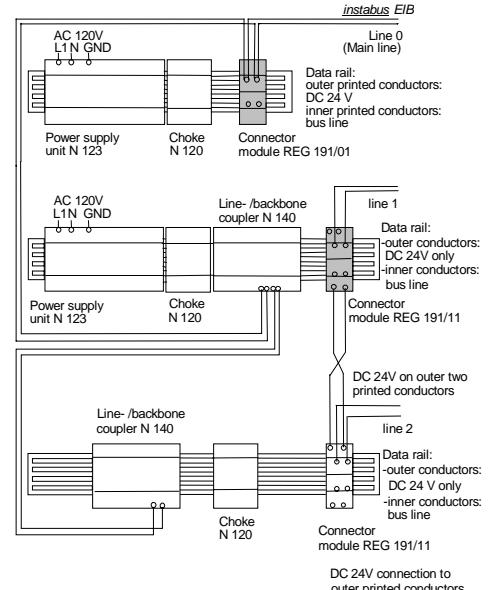
**Disconnecting the bus connection line**

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



Connecting and disconnecting the bus connection line

**Typical circuit**



**Important remark**

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