

### Product and Applications Description

The event module N 341 is a N-system DIN-rail mounted device allowing the definition and processing of event commands and time commands.

Up to 200 event commands can be altogether united to 200 event programs, i.e. if a certain event happens several actions can be performed one after the other. The event programs can be sparked off by certain bus telegrams as well as by explicit commands from tools or further event programs. Up to 100 different causing events can be set.

To spark off actions at determined times of day 400 time commands are available, which can be united to max. 125 day telegrams. The single day telegrams themselves can be daily, monthly or yearly executed on a determined day by entry in 150 different calendar programs.

Calendar programs can be processed exclusively or together with other calendar programs. Furthermore it is possible to set 3 periods lasting max. 40 days, which are executed from a certain day onward.

The N 341 manages up to 255 communication objects. 60 texts no longer than 14 characters can be used.

For the time programs an internal module clock is used which has to be synchronised regularly by a masterclock.

### Additional Information

<http://www.siemens.com/gamma>

### Examples of Application

The event programs are changed in the same way as the scenes by setting the desired values of the appropriate actors and by saving them in the N 341 or by configuration with suitable tools.

Both event- and time commands can execute actions like delivering normal bus telegrams or changing parameter values in its own respectively in another bus coupling device (e.g. an event program can be started in another event module).

### Technical Specifications

#### Power supply

via bus cable

#### Performance in case of bus voltage failure

processing the time commands can be controlled by parameters

#### Performance in case of bus voltage recovery

The N 341 is ready for operation after an initialisation break of several seconds.

During recovery the device picks up the daytime from a master clock. As long as this time is not available the time actions are locked.

#### Connections

bus line, pressure contacts on data rail

#### Physical specifications

- dimensions: N-system DIN-rail mounted device, width: 1 SU (1 SU = 18 mm)
- weight: approx. 100 g

#### Electrical safety

- protection (according to EN 60529): IP 20

#### Environmental specifications

- Ambient operating temperature: -5 ... +45°C
- Storage temperature: 25 ... +70°C
- Relative humidity (not condensing): 5% to 93%

### Location and Function of the Display and Operator Elements

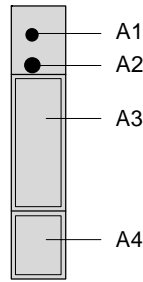


Figure 1: Location of the display and operator elements

- A1 LED for indicating normal operating mode (LED off) and addressing mode (LED on); on receiving the physical address the device automatically returns to normal operating mode
- A2 Learning button for switching between normal operating mode and addressing mode for receiving the physical address
- A3 Type plate
- A4 Label for noting the physical address

### Installation Instructions

- The device may be used for permanent interior installations in dry locations within distribution boards or small casings with DIN rail EN 60715-TH35-7,5.



### WARNING

- The device must be mounted and commissioned by an authorised electrician.
- Free DIN rail areas must be covered with covers, order no. 5WG1 192-8AA01
- The prevailing safety rules must be heeded.
- The device must not be opened.
- For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.

### Mounting and Wiring

#### General description

The N-system DIN-rail device (1 SU) can be installed to N-system distribution boards or to any DIN-rail EN 50022-35 x 7,5 available that has a data rail installed.

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

#### Mounting DIN-rail devices (Figure 2)

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

#### Dismounting DIN-rail devices (Figure 2)

- Press down the slide (C3) with a screw-driver and
- swivel the device (C1) from the DIN-rail (C2).

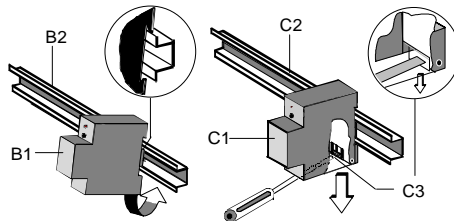


Figure 2: Mounting and dismounting a DIN-rail device

### General Notes

- Any faulty device should be returned to the local Siemens office.
- If you have further questions about the product, please contact our Technical Support:

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[www.siemens.com/automation/support-request](http://www.siemens.com/automation/support-request)