

UP signal and control panel for

2 front panels

Order No. 0972 00

3 front panels

Order No. 0973 00

4 front panels

Order No. 0974 00

5 front panels

Order No. 0975 00

6 front panels

Order No. 0976 00

Synoptik

The term Synoptik is derived from the Greek language.

The greek word <synopsis> is composed of <syn> "together" and <opsis> "seeing".

The word <synopsis> is translated by "survey".

Function

The Synoptik system offers the possibility to check and influence the state of an Instabus EIB system.

A central control unit ensures data exchange between the individual components and the Instabus EIB. The states are alternatively represented via

- a module for driving LEDs
- a module for driving incandescent lamps or relays, resp., and via
- an L 40 front panel with 40 LEDs or
- an TL 15 front panel with 15 push buttons and LEDs each

of the signal and control panel.

In addition to indication, commands can be sent to the *instabus* EIB via the driver modules and the TL 15 front panel.

Up to six driver modules or front panels, of the signal and control panel can be connected to a control module in any combination.

Connection is established via a 20-pole flat cable.

Via a step switch, the modules or front panels connected must be set to the individual module address.

The functions are specified with the aid of the EIBTAB WINDOWS® programming system. Via a serial interface port, the data is loaded from the PC into the electronic control system where it is permanently stored. The programming of other *instabus* EIB components by the ETS is not possible via this interface.

The Channels of the signal and control panel can be identified by means of replaceable slide-in lettering strips.

Warning

Important: Electrical equipment may only be inserted and installed by a skilled electrician.

Installation Instructions

The REG design components are snapped onto a DIN rail.

The L 40 and TL 15 front panels can be mounted in the UP/AP housing of the signal and control panel by means of four M 2.5 x 12 neck screws.

Once the components are connected with the 20-pole flat cable and planning or project designing has been made by the EIBTAB PC software, the installation can be started up (RESET). After powering all LEDs of the L 40 and TL 15 front panels light up for 2 to 3 seconds.

RESET can also be effected by

- pressing the RESET key on the control module.
- interrupting the control module power supply.

After a RESET, the control module determines the configuration of units connected. In addition, the scanning of the EIB states of individual groups is possible. This can be specified when designing the project using the EIBTAB PC software. During state scanning, the evaluation of the keys is not possible.

System Modification

If any component is added to or removed from the system, a RESET needs to be performed.

A description of the EIBTAB PC software is contained on the disk.

Signal and Control Panel

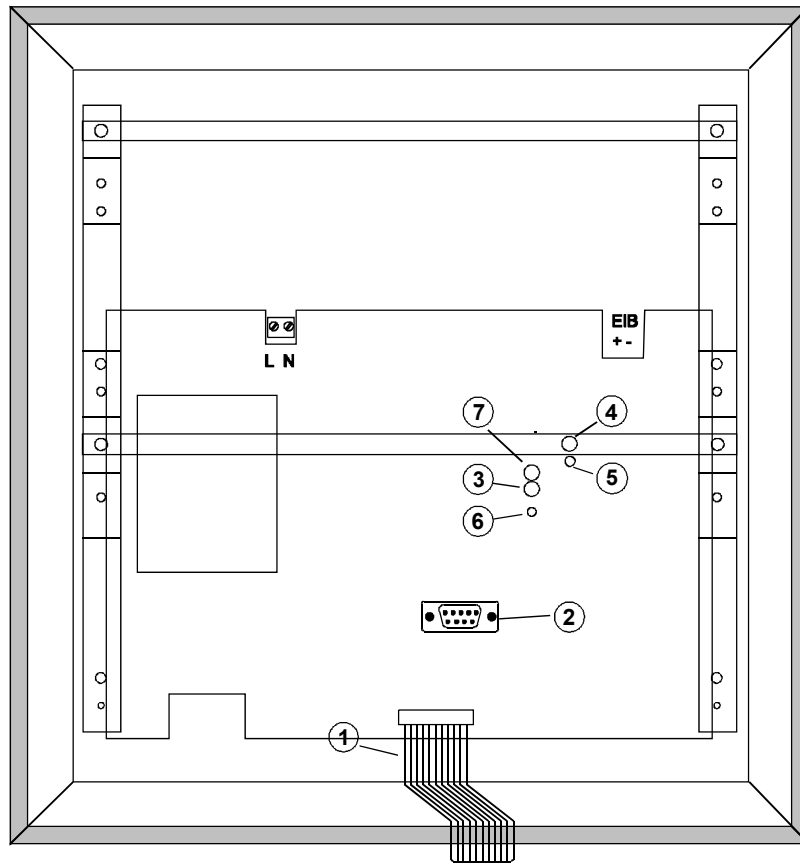
Incl. Electronic Control System, Power Supply and Bus Coupler

With the aid of the signal and control panel, up to six front panels of the signal and control panel series can be combined within surface or flush-mounted housings. Interconnection with driver modules is also possible.

The control module which serves to drive the other modules is accommodated in the housings. Direct connection to the *instabus* EIB is possible via the built-in bus coupler. The integrated power supply can feed up to six front panels via a 20-pole flat cable ① with a maximum length of 50 cm. The functions can be specified by means of the EIBTAB WINDOWS® programming system. Via a serial interface port ②, the data is loaded into the control module. The exchange of data between the Synoptik and the *instabus* EIB is indicated by an LED ③.

To program the physical address of the bus coupler in the control module, programming key ④ must be pressed. If LED ⑤ is on, the bus coupler is ready for programming. After successful programming, the LED goes out. Programming is effected via the *instabus* EIB. Presetting RESET key ⑥ starts the system.

When LED ⑦ lights green, the control module is ready for operation. The power supply is protected by a T 100 mA fuse.



Specifications

Signal and Control Panel (Incl. Electronic Control System, Power Supply and Bus Coupler)

Power supply	
<i>instabus</i> EIB:	24 V DC (+6 V/-4 V)
Mains:	230 V AC
Fuse:	T 100 mA
Power consumption	
<i>instabus</i> EIB:	150 mW
Mains:	max. 20 VA
Connection	
<i>instabus</i> EIB:	Connection terminal and branch joint
Mains:	Screw terminal 2 x 2,5mm ² solid or 0,1 - 1,5 mm ² with wire terminating sleeve
Module:	20-pole flat cable
PC:	9-pole SUBD
Ambient temperature:	-5 °C to +45 °C
Storage temperature:	-25 °C to +55 °C
Type of protection:	IP 20

Dimensions

AP width:	310 mm
UP width/Opening dimension:	320 mm / 310 mm
AP depth:	93 mm
UP depth:	93 mm

UP height/ opening dimension

2 front panels:	320 mm / 310 mm
3 front panels:	445 mm / 435 mm
4 front panels:	570 mm / 560 mm
5 front panels:	695 mm / 685 mm
6 front panels:	820 mm / 810 mm

Acceptance of guarantee

We accept the guarantee in accordance with the corresponding legal provisions.

Please return the unit postage paid to our central service department giving a brief description of the fault:

Gira
Giersiepen GmbH & Co. KG
Service Center
Dahlienstrasse 12
D-42477 Radevormwald



The CE sign is a free trade sign addressed exclusively to the authorities and does not include any warranty of any properties.

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