ABB i-bus® EIB / KNX

Display and Control Tableau, LCD
MT 701.2, ❏ ❏, GH Q605 0059 R000❏

SK 0102 B99

The display and control tableau MT 701.2 with an LC display is suitable for:

– displaying switching states, fault signals and measured values,
– central manual switching of loads,
– setting lightscenes and time programs as well as
– giving acoustic warning signals via the EIB.

Additional to the display and control tableau, a flush-type box, intended for insertion in walls is supplied as a seperate product. The display and control tableau is connected to the EIB via a bus connecting terminal.

Up to 8 lines can be shown on the LC display which has 240 x 128 pixels. It is operated using a freely programmable menu structure.

The display and control tableau can manage up to 24 user-specific lightscenes. All lightscenes can address a maximum of 32 group addresses all together.

With the help of the time switch, it is possible to set time programs for a maximum of 16 switching operations, each with 8 different switching times as week programs.
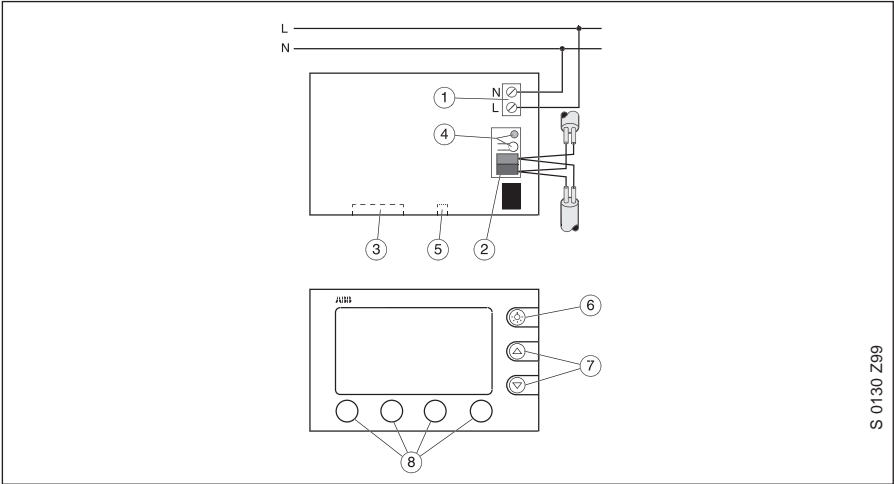
The display and control tableau can monitor and display measured values. It can also give warning or fault signals when limit values are reached. The user can be made aware of messages via acoustic signals and pop-up menus. Acknowledged faults are stored in a list.

Technical data

Power supply	– Mains connection	230 V AC ± 10 %/– 10 %, 50 … 60 Hz 2 screw terminals (1 each for phase and zero)
Outputs	– PC connection	via an RS 232 interface
Operating and display elements	– Light button	LCD illumination ON/OFF
	– 2 menu control buttons	movement UP/DOWN in the menus
	– 4 shift keys	for toggling between menus or for selecting menu items
	– Reset button	for resetting the device
	– Contrast control	for setting the brightness of the LC display
Connections	– EIB	Bus connecting terminal
Type of protection	– IP 43, EN 60 529	
Protection class	– II	
Ambient temperature range	– Operation	– 5 °C to + 45 °C
Dimensions	– 125 x 213 x 68 mm (H x W x D)	
Mounting depth	– 90 mm	
Weight	– 0.86 kg	
Certification	– EIB-certified	
CE norm	– in accordance with the EMC guideline and the low voltage guideline	

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Application programs

Application programs	Number of communication objects	Max. number of group addresses	Max. number of associations
Display and Control Tableau			

Wiring diagram

S 0130 Z99

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1 Power supply
2 Bus connecting terminal
3 RS 232
4 Programming button/LED
5 Reset button and contrast control

6 Light button
(LCD illumination ON/OFF)
7 Menu-operating buttons
(UP/DOWN movements in the menu)
8 Shift buttons (Shifting or selection
of menu options)

Note

A full description of the display and control tableau would exceed the scope of this manual. Detailed installation and operation instructions can be found on the EIB CD-ROM.