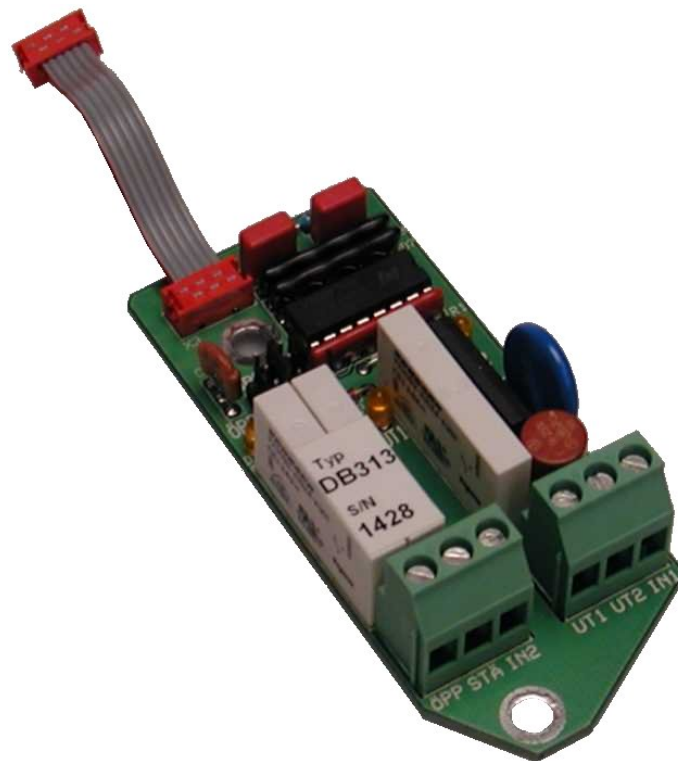


Out put board type DB313 *for control panel type EP103*

User manual
Edition 4



For warning light, traffic light and status indication

Four outputs in a compact unit

Technical specification

Supplementary accessory card for providing 4 additional outputs to EP103 control panel.

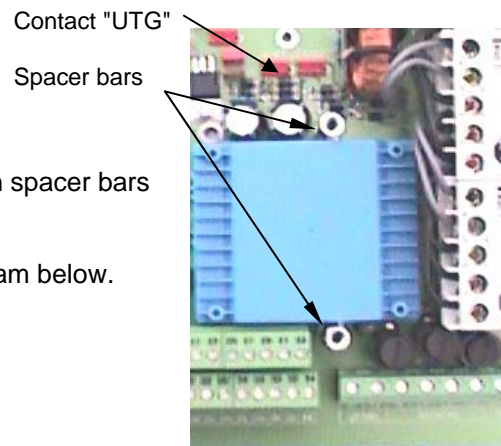
Two outputs have a programmable function. These functions are set on the control panel (read manual for details). The other two outputs are indicators of open or closed positions. It is possible to choose NO or NC contacts.

Programmable outputs have a common supply. If output 2 is used the supply voltage has to be of AC-type. Indication of opened and closed positions has common supply.

Dimensions (WxHxD)	37x84x24 mm
Weight	50 grams
Supply voltage	24V-230V
Fuses	F 1A internal fuse, external fuse required T10A.
Temperature range	0 to 50 °C
Out puts	3 relay out puts, 1 triac out put
Max load per relay out put	6A
Max load per triac out put	1A
Indication	2 diode indicators, lit when out-put is active.

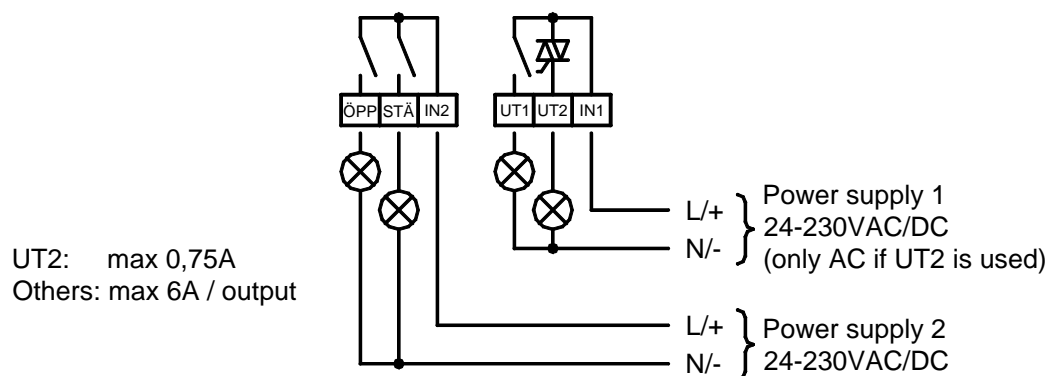
Mounting

1. Disconnect power to control panel EP103.
2. Mount the board DB313, (with 2 screws M4x6) on spacer bars on EP103.
3. Connect cable to contact "UTG".
4. Connect the board according to connection diagram below.



Connection

Installation should be carried out by a competent person.



Setting of out puts 'open' and 'closed' (ÖPP, STÄ)

There are two jumpers, which can be set either NO or NC. Activated when the fully open or closed positions are reached.



Example 1:

1. A lamp should light when the gate is fully closed, STÄ (closed) jumper is set in position SL.
2. A lamp should be lit when the gate is in any position other than fully closed, STÄ (closed) jumper is set in position BR.

Example 2:

1. A lamp should light when the gate is fully open, ÖPP (opened) jumper set in position SL.
2. A lamp should be lit when the gate is in any position other than open, ÖPP (opened) jumper is set in position BR.

Setting of UT1 and UT2

Two individual programmable out puts with common supply to IN1.
For programming, refer to user manual for EP103.

When the board is mounted and all work completed, power can be turned on to the EP103 control panel.