

One Way Traffic Light Relay Modul

Extension Board with 4 Output Relays Art.Nr.:DTZE0036

DESCRIPTION

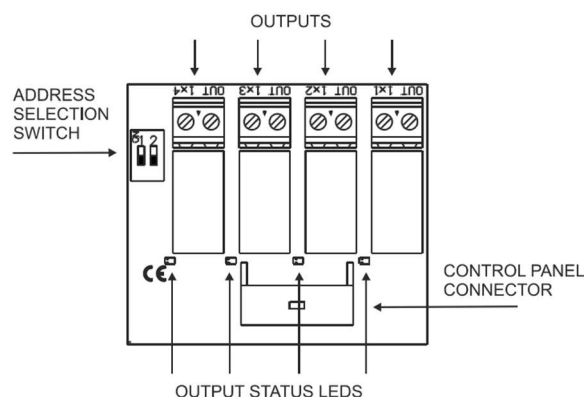
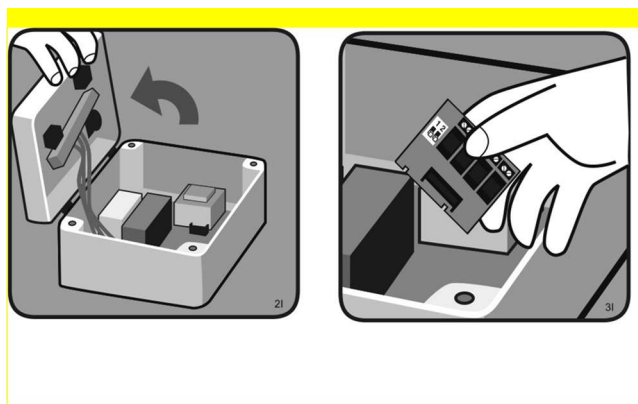
Plugable Extension Board with Output Relays to connect to the Main Control Board of the Pro Door Automatic(-FU). The board has 4 potential free Output Relays (max. 230V 5A).

TECHNICAL DATA

Input Voltage	12V dc
Working Temperature	-20°C up to +85°C
Dimensions	50x65x20mm
Number of Relais	4
Max. Relais Current	5A- 230V; 10A- 125VA
Output Voltage	(max. Voltage 230V)
DIP Switch Options	4 possible options

INSTALLATION AND CONNECTIONS

Ensure, that the Control Unit is unplugged from the Power Supply.
 Plug the Extension Board into the indicated socket on the Main Board.



FUNCTION

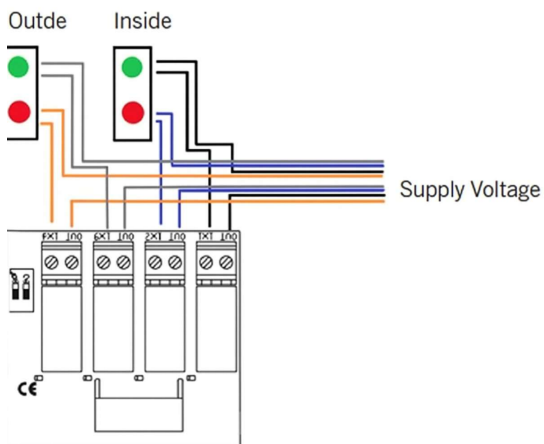
The Control Unit automatically recognizes the inserted expansion board (GV-module).
 The configuration of the Module depends on the assignment of functions by the Control Unit.
 Use the DIP switches to select the desired address for the plug-in card.

Pro-Door-Automatic/FU

Schalter 1	Schalter 2	Output addresses Relay 1 – 4			
		1x1	1x2	1x3	1x4
OFF	OFF	101 Flash / Blinking	102 Inside Light	103 Red Light	104 Green Light
ON	OFF	111 Green Light inside	112 Red Light inside	113 Green Light outside	114 Red Light outside
OFF	ON	121 Panic Signal	122 Alarm	123 Lim. open activ	124 Lim. close activ
ON	ON	131 Pre Flashing	132	133	134 start closing

Rem:

The functions on each OUTPUT of the one-way traffic module (101 to 134) are controlled by the Control Unit.



The One Way traffic control function allows vehicles to enter and exit the Way In / Way Out of the Garage if there is only one Way to Drive In and Out. It is controlled by two traffic lights with red and green light signals, one of which is installed outside and one inside the building.

Activation

It is not necessary to Change a parameter to enable this function. You only need to configure the 4 Outputs for controlling the 4 Traffic Lights (green inside, red inside, red outside and green outside) by switching Dip 1 to ON and Dip 2 to OFF.

One Way Traffic Light Control Mode:

In the One Way Traffic Light Mode all Lights stay switched OFF while the door is closed. During the opening and closing process, the red lights are switched on inside and outside. As soon as the door is opened, the green light switches on inside or outside, depending on whether the opening command has been given from inside or outside the building.

Open the door from inside the building

To open from the inside, you can use the Input **Open (IN22)**, the Input **Start (IN7)** or an other input or a Channel on the plug in radio receiver (**IN26/IN27**) which has to be configured as “Start”, “Open”, “Open pedestrian” or “Start pedestrian. If the door is fully opened, the **green light inside (Output 1x1)** and the **red light outside (Output 1x4)** are activated.

Open the door from outside the building

If, on the other hand, you want to open the door from the outside, you must activate the Input **IN2** or **IN27** (Channel 2 on the plug in radio receiver) that has to be configured as “**Open Outside**”. In this case, as soon as the door is fully open, the **green light outside (Output 1x3)** and the **red light inside (Output 1x2)** are activated.

Rem.: At the Frequency Inverter Control Unit Type “Pro Door Automatic FU” (Art. No. NDCC0014/NDCC0015) you can only use the IN27 (Channel 2 of the plug in remote receiver) to configure “Open Outside”!

USE OF THE DEVICE

The device is designed to control automatically operated doors as shown in the general description. No guarantee is given for other uses.

The manufacturer reserves the right to change the specifications of the system without prior notice.

EU DECLARATION OF CONFORMITY – see www.jcm-tech.com/de/klarungen TL-CARD-V