RUTAB

Programming tutorial, LAN 53-2/54-2

Pushbuttons:

There are two pushbuttons visible on the panel's front: **TEST** and **KVITT**.
TEST = diode test
KVITT = acknowledging input alarms

Under the text sign is an additional five pushbuttons.
PROGRAMMERA/AVSLUTA = programming / end programming
INGÅNGS KARAKTÄR NO / NC / NC+ / NC- = choosing alarm priority
ING.FÖRDRÖJNING (Tid) = choosing input delay time
SUMMALARM (A, B, C, Driftindikering = choosing output function
NÄSTA KANAL = next channel

1. Start programming mode.
Push and hold **"PROGRAMMERA/AVSLUTA"** for 1 second or more, "LED 1" starts flashing, to indicate "Programming mode".

2. **Choose channel to program (1-12).**
Push button "NÄSTA KANAL" until the LED for the desired channel starts flashing in red color.

3. Characteristics for input (NO/NC) / Acoustic alarm (on/off).
Push **"INGÅNGS KARAKTÄR NO / NC / NC+ / NC-"** to change characteristics, indicated by the colors of the channels LED.

Flashing green =   NO closing switch <4kOhm to 0V or input voltage <1,0V or >4,0V
Flashing red =   NC opening switch >6kOhm to 0V or input voltage >1,5V or <3,5V
Flashing orange =   NC+ input voltage <3,5V
Flashing red/green (changing) =   NC- input voltage >1,5V

Push and hold **"INGÅNGS KARAKTÄR NO / NC / NC+ / NC-"** for more than 2 seconds then release to change the acoustic alarm for the chosen channel input. "A, B, C,or Driftindikering" indicates the choice, **ON** = continues LED and **OFF** = flashing LED.

4. Delay of input signal (0,5s, 1s, 2s.....4 min). / Priority alarm acknowledgeable or NOT acknowledgeable
Push "**ING.FÖRDRÖJNING (Tid)**" until the desired time for delay is chosen (see below list), selected time/LED is flashing in yellow.

Delay of input signals:	
	LED 1 = 1 sec
	LED 2 = 2 sec
	LED 3 = 5 sec
	LED 4 = 10 sec
	LED 5 = 20 sec
	LED 6 = 30 sec
	LED 7 = 1 min
	LED 8 = 1,5 min
	LED 9 = 2 min
	LED 10 = 3 min
	LED 11 = 4 min
	LED 12 = 0,5 sec

Push and hold "**ING.FÖRDRÖJNING (Tid)**" for more than 2 seconds then release to change the acknowledgeable status for the chosen channel input. "A, B, C,or Driftindikering" indicates the choice, **Acknowledgeable** = green LED and **NOT acknowledgeable** = red LED.

5. Priority alarm (A, B , C or monitoring).
Push "**SUMMALARM (A, B, C, Driftindikering**" to change priority output for selected channel. LED's for A, B and/or C indicate the output characteristics. The priority alarm can be programmed as A, B, C and monitoring, or a combination of these (for example AB, AC, BC, ABC) or monitoring.

6. Programming next channel, see instruction in line "2".

7. Exiting programming mode.
Push "**PROGRAMMERA/AVSLUTA**" to end the programming session.