EES ... the solution

THE SOLUTION

LAB 16-1M

LAB 08-1M

LED-indication module with collective report

LAB 08-1M – 8 indications
LAB 16-1M – 16 indications

- Compact module in a 96 x 96 mm housing for panel mounting
- 8 or 16 channels with exchangeable LED's
- Alarm voltage 24 V AC/DC or 230 V AC
- Open-circuit working (NO) of signal inputs; Closed working (NC) optional
- LED colour red, mixed colours on request
- Integrated lamp test push button
- Front panel marking: transparent window for slide-in labels
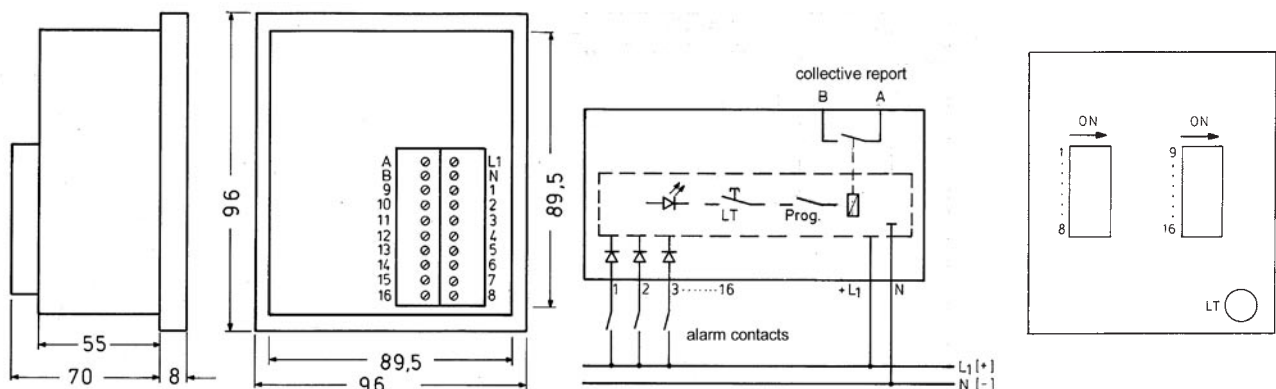- Low built-in depth

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Technical description

The indicators **LAB 08-1M** and **LAB 16-1M** are compact modules for panel mounting with 8 or 16 channels and with integrated lamp test push button. Each discrete alarm can be selected by programming jumpers to switch on collective report. In standard the collective report is a NO contact and can be changed in our workshop into NC contact, if required. An inverting function is also available. The indication module is also in NC implementation (LAB…**MR**…) available. If the collective report contact is wired as NC, then not used inputs have to be connected on L1 or +.

LED's are in red colour, mounted on plug base, they are interchangeable and different LED colours can be installed after removing the front panel. Other colours are available in a set of 10 LED's per colour. Always use "high efficiency "LED types! **Attention:** Disconnect supply voltage!

The LED indications on the front panel can be marked by labels which can be inserted into the transparent front window. For easy marking we offer either a form **BSV 1** (10 sets) or a disc **BSV-soft**. For increase of protection a clear window door KST 1 or a protection cover KSH 1 is available for the front plate.

Type	LAB 08-1M/24 LAB 16-1M/24 LAB 08-1MR/24 LAB 16-1MR/24	LAB 08-1M/230 LAB 16-1M/230 LAB 08-1MR/230 LAB 16-1MR/230
supply voltage	24 V AC/DC ± 20%	230 V AC +10/-15%
power consumption	max. 2 W	max. 8 W
alarm voltage	24 V AC/DC ± 20%	230 V AC +10/-15%
max. input current	approx. 5 mA	approx. 2 mA
ambient temperature	-20°C...+60°C without condensation	-20°C ...+50°C without condensation
storage temperature	-20°C...+70°C without condensation	
humidity	max. 75 % (Group F DIN 40040)	
duty cycle	100 %	
increase protection front side	IP 40; IP 42 with window door; IP 65 with protection cover	
increase protection rear side	IP 20	
terminals	nominal cross section 1,5 mm^2	
weight	0,5 kg	

Dimensions in mm

Subject to technical changes without prior notice