

## Alarm system



- **Micro processor controlled**
- **Memory for disappearing alarms**
- **16 Alarm channels**
- **3 Alarm relays**
- **Galvanic insulated alarm circuit**
- **All channels free programmable**
- **Remote input for reset**
- **Relay board with individual relay indication as option**

The alarm system GL-16 is a complete system for alarm signalling and indication and is easily programmable from the front.

The unit is constructed for use in system where very high reliability is desired. This means that GL-16 can be used in very demanding electrical environments.

The unit consist of two parts, one display unit for panel mounting and one connection board that can be mounted in the back plane of the cabinet and be connected to the display with a ribbon cable.

As an option the unit can be equipped with a relay board for individual signalling ofr each alarm channel.

All alarm relays is Voltage free change over contacts.

TYPE LISTING	
Type	GL-16
Mat.-No.	01-50-A100
Category	Micro processor controlled alarm system

DIGITAL SIGNAL INPUTS	
Digital inputs	16 x Free programmable alarm inputs 1 x Remote alarm reset 1 x Remote/local switch

SIGNAL OUTPUTS	
Relay output	1 x A-alarm free programmable 1 x B-alarm free programmable 1 x Collective failure alarm free programmable 1 x Internal fault 1 x External acoustic signal
Contact load	Max. 5A/250VAC/1250VA

STANDARD FEATURES	
LED indications	1 x Operation (Green LED) 1 x IRF Internal fault (Red LED) 1 x Programming mode (Red LED) 1 x A-alarm (Red LED) 1 x B-alarm (Red LED) 1 x $\Sigma$ -alarm (Red LED) 16 x Alarm channels (Red LED)
Programmable alarm delays	25ms - 180s
Programmable inputs	Closing or breaking contact at alarm

ENVIRONMENT	
Ambient temperature	Operation: -10°C to +40°C Storage: -30°C to +50°C
Climatic conditions	IEC 721-3-3 class 3K3/3Z1/3B1/3C2/3S2/3M2
Humidity class	F
Altitude	≤ 2000 m a.s.l.,
Audible noise	< 30 dB (A) in 1 m distance

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MECHANICAL CONSTRUCTION	
Construction	- Panel mounting - 1/3-19" ; 3HU
Dimensions WxHxD (mm)	-142/129/47
Weight	appr. 0,4 kg
Protection class	IP20 (mech.); 1 acc. to EN 60950 (electr.)
Surface	front panel RAL 7032

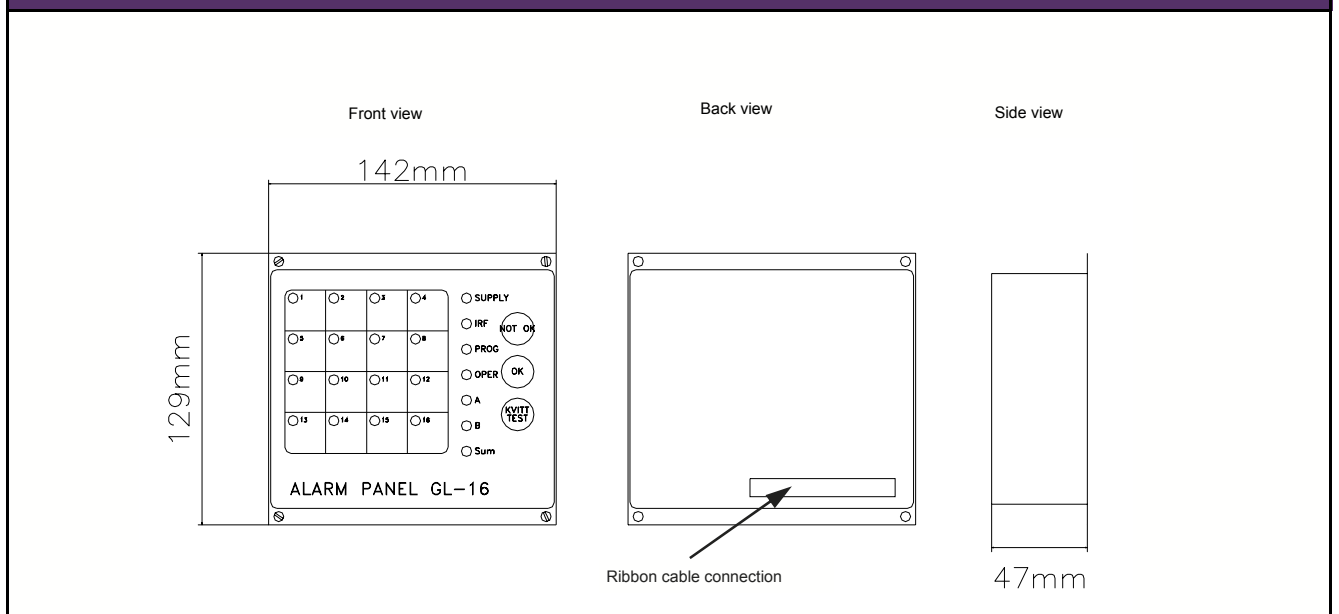
COMPLIANCES	
Certification	CE-mark
Safety	EN 60950; VDE 0100 part 410; VDE 0110, EN 50178, EN 60146
EMC	EN 55022 class „B“, EN 61000-4 part 2-5



### Options:

- Extension board GL-16R, for individual relay signalling of each alarm channel
- Mounting frame GL-16P; for 144 x 144mm panel mounting
- Mounting frame GL-16-4HE; for 19"-4HU mounting of up to 3 units
- Supply module GL-16M1; for 20 - 60V DC supply
- Supply module GL-16M2; for 80 - 250V DC supply
- Supply module GL-16M3; for 200 - 260V AC supply

### MECHANICAL DIMENSIONS



### Additional Information

Full information, drawings, manuals and application notes and advice to any of the wide range of CP Kontakt AB's products are available on request.

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