

ÖFK-120

Hold up device

VANDERBILT



Key Features include:

- Optional indication of operation
- Momentary operation
- Dual push buttons with configurable options
- Gold plated contacts for long term, reliable operation
- Tamper for cover removal
- Simple, local reset for latched option- no keys required
- Robust construction
- Flexible configuration options
- Silent electronic relays
- Bi-colour LED indication

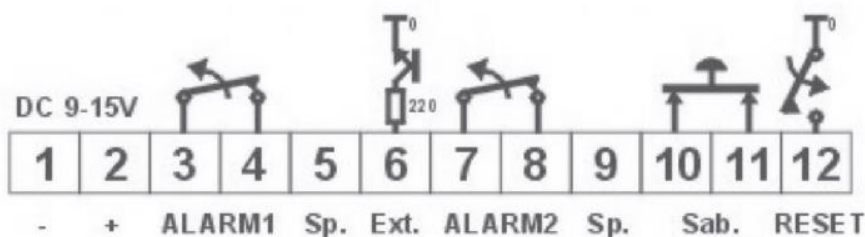
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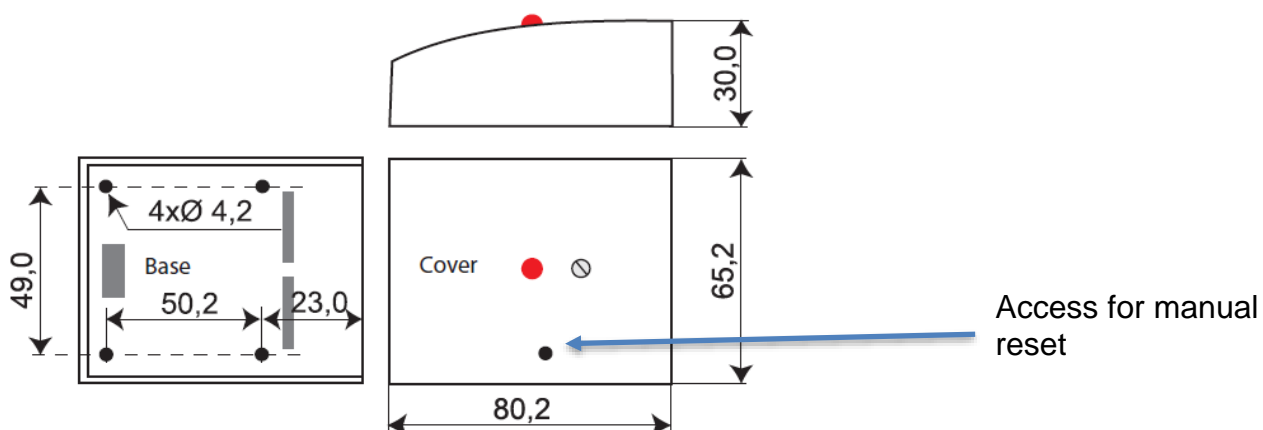
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Description

This advanced electronic personal attack button can be used widely in different alarm systems where there is a threat from personal attack, theft, fire or chemical spillage. The ÖFK-120 is equipped with two momentary push buttons and offers two alarm functions. Alarm relay 1 is activated by a dual button operation, which provides local confirmation of the bi-colour LED (red). Alarm relay 2 is activated by a single button operation, which provides local confirmation of the bi-colour LED (yellow). Both functions control separate relays both served with normally closed contacts. The use of electronic relays ensures a silent device operation. The ÖFK-120 has an anti-tamper contact for protection against cover removal.



Terminal	Description	Terminal	Description
1	Supply voltage, 12V DC	7	Alarm relay 2, normally closed contact
2		8	
3	Alarm relay 1, normally closed contact	9	Spare
4		10	Tamper contacts, normally closed
5	Spare	11	
6	External alarm output for relay 1	12	Remote reset input



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Examples of certain jumper selections

Jumper	Open or Closed	Activated button(s)	LED Indication	Relay 1	Relay 2
1	Open	1 or 2 or 1 & 2	Red until reset	Open for 2 seconds	Does not open
2	Closed				
3	Closed				
4	Closed				
1*	Closed	1 or 2	Yellow until reset	Does not open	Open until reset
2*	Open				
3*	Closed				
4*	Closed				
1	Closed	1 & 2	Red until reset	Open until reset	Does not open
2	Open				
3	Closed				
4	Closed				
1	Open	1 or 2	Yellow until reset	Does not open	Open until reset
2	Open				
3	Closed				
4	Closed				
1	Open	1 & 2	Red until reset	Open for 2 seconds	Does not open
2	Open				
3	Closed				
4	Closed				
1	Closed	1 or 2	Yellow while button is operated	Does not open	Open while button is operated
2	Open				
3	Open				
4	Open				
1	Closed	1 & 2	Red until reset	Open until reset	Does not open
2	Open				
3	Open				
4	Open				

* Factory set configuration

■ Technical Specifications

Supply voltage	
Min/Max	9...15V DC
Ripple	1 Vpp at 12V
Current consumption	
Normal	8mA
Alarm	25mA
Tamper contact	1 x N/C - 100mA @ 30V DC
Alarm Contacts	2 x N/C – 100mA @ 30V DC
Alarm output	Terminal 6, alarm relay 1, 0V via 220Ω, max 50mA
Housing	
- Colour	White
- Material	ABS
Configuration	4 x DIP switches
Operational life	>10,000 operations at 30V DC 20mA
Reset	
- Manual	Local, via lid
- Automatic	2 seconds, DIP switch setting
- Remote	0V input to terminal 12
Cable connection	Screw terminals
Alarm indication Bi-colour LED	Red dual operation, Yellow – single operation
Environmental	
- Operating temperature	-40 ... +55 °C
- Environmental class	I
- Housing protection	IP31
- Humidity	85% at 40°C
Dimensions (Lx W x H)	65 x 80 x 30mm

■ Ordering information

Type	Art.-No.	Description	Weight
ÖFK-120	N54543-Z124-A100	Hold up button, momentary	0.070 Kg