Exitguard® 100 Series

Exitguard is the ideal solution for security of fire exit doors. An integral high power sounder is activated when the door is opened to warn those in the vicinity that security has been breached.

EX104G is battery powered - Use where a separate supply of power is not available and the protected door is opened infrequently. Depending on usage the 6 x AA batteries supplied can last up to 3 years. The Exitguard will continue to function for at least two weeks after a battery fault indication.

EX104GT is battery powered – This model provides key trapped in the off position.

EX105G is 12vdc powered - Use where the protected door may be opened frequently or the sounder may need to sound for a long time. There is an alarm output relay for connection to remote systems. This version cannot be powered from batteries.
EX105GKM is12vdc powered with Key Monitoring - This model provides a key position monitor switch output.
EX105G-90 is 12vdc powered as above with 90 second door open too long delay (DOTL) timer.
EX105GTKM is12vdc powered with Key Trapped in off and Key Monitoring - This model provides a key position monitor switch output and the key is also trapped in the off position.

EX106G is mains powered - Use where the protected door may be opened frequently or the sounder may need to sound for a long time. Six AA batteries are supplied to provide power in the event of mains failure. The integral power supply will also provide up to 200ma at 12vdc for ancillary equipment such as remote indicators and sounders.
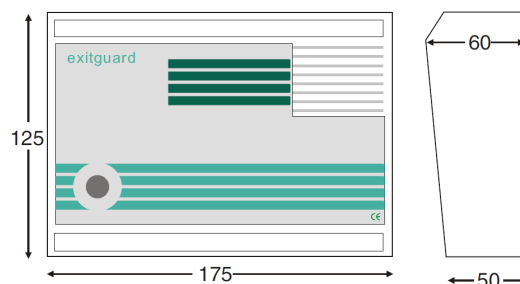
Benefits and Features

- Highly visible deterrent
- Auto reset / re-arm relays 0 - 90s
- Optional door open too long delay 15s (DOTL)
- Tamper switch
- Selectable alarm tones
- Up to 3 year battery life (EX104G)
- Battery condition monitor (EX104G)
- High power piezo sounder
- Keyswitch control to isolate and reset
- Separate tamper tone with manual reduction
- Visual alarm indication
- Chime facility
- Alarm relay output (EX105G and EX106G)
- Simple function change by internal jumpers
- Available with key Trapped in off and Key Monitoring(EX105GTKM & EX105GKM)
- Manufactured in the UK

The auto sounder reduction feature attenuates the sounder to a periodic bleep every 30 seconds after 2 minutes of the door being closed, the sounder will restart if the door is opened again.

The tamper feature also uses a sounder reduction feature via the keyswitch and is configured in such a way that the alarm can be set even if tamper security has been breached.

Dimensions (mm)

Exitguard® 100 Series

Specification	EX104G	EX105G	EX106G
Supply Voltage	6 x AA Batteries	11 – 14vdc	220/240vac
Supply Input Current	25µA quiescent 80mA max in alarm	8mA quiescent 120 max in alarm	< 0.5A
Auxiliary Power O/P	No	No	12vdc @ 200ma
Battery	6 x AA Alkaline (Supplied)	No	6 x AA Alkaline (Supplied)
Fusing	No	No	1A Mains Fuse
Visual Indication	1 x red LED indicates fault and alarm conditions		
Integral Sounder Level	105 db at 1 metre dependant on input voltage. Two selectable tones, high and low.		
Inputs	Alarm loop input and tamper loop input.		
MULTIGUARD O/P	No	Use alarm output relay	
Tamper	Independent N/C lid tamper switch on all models		
Alarm Relay Contacts	No	SPCO 1A/30vdc volt free for connection to remote devices	
Auto Reset Timer	Adjustable 0 - 90secs. Beyond 90 seconds becomes manual reset		
Safe Set	Pass through if door open when armed. Auto set when door is closed		
Chime	Jumper programmable on installation		
Annoyance Reduction	Alarm reduces automatically after 2 minutes		
Door Open Too Long	Option at 15 secs (fixed) Jumper selectable pre-warn bleep		
Enclosure	ABS plastic with mark resistant decal		
Dimensions	175mm x 125mm x 60mm tapering to 50mm		
Weight	0.63kg	0.48kg	0.83kg
Door Contact	Surface door contact c/w 1m x 4 core cable plus fixings		
Approvals	UKCA and CE marked, ROHS compliant		

Accessories	EX104G	EX105G	EX106G
S1778P	No	Yes	Yes
S1788P	No	Yes	Yes
Spare Key	Please call to determine which key number you require		
DDCKIT	DOUBLE Door contact kit c/w 3m x 4 core cable, 2 x surface door contacts, 1 x terminal block plus fixings and instructions		
LAB35084	Large Warning Sign 300 x 90mm x 2mm Rigid - Alarm will sound if door is opened		

All Exitgurds are supplied with fixings, door contact, 1 metre of cable and a door warning sign.

Exitguard® 100 Series

Exitguard is the ideal solution for security of fire exit doors. An integral high power sounder is activated when the door is opened to warn those in the vicinity that security has been breached.

EX104R is battery powered - Use where a separate supply of power is not available, and the protected door is opened infrequently. Depending on usage the 6 x AA batteries supplied can last up to 3 years. The Exitguard will continue to function for at least two weeks after a battery fault indication.

EX105R is 12vdc powered - Use where the protected door may be opened frequently, or the sounder may need to sound for a long time. There is an alarm output relay for connection to remote systems. This version cannot be powered from batteries.

EX105RKM is12vdc powered with Key Monitoring - This model provides a key position monitor switch output.

EX105RTKM is12vdc powered with Key Trapped in off and Key Monitoring - This model provides a key position monitor switch output and the key is also trapped in the off position.

EX106R is a mains powered - Use where the protected door may be opened frequently or the sounder may need to sound for a long time. Six AA batteries are supplied to provide power in the event of mains failure. The integral power supply will also provide up to 200ma at 12vdc for ancillary equipment such as remote indicators and sounders.

Benefits and Features

- Highly visible deterrent
- Auto reset / re-arm relays 0 - 90s
- Optional door open too long delay 15s (DOTL)
- Tamper switch
- Selectable alarm tones
- Up to 3 year battery life (EX104R)
- Battery condition monitor (EX104R)
- High power piezo sounder
- Keyswitch control to isolate and reset
- Separate tamper tone with manual reduction
- Visual alarm indication
- Chime facility
- Alarm relay output (EX105R and EX106R)
- Simple function change by internal jumpers
- Available with key Trapped in off and Key Monitoring(EX105RTKM & EX105RKM)
- Manufactured in the UK

The auto sounder reduction feature attenuates the sounder to a periodic bleep every 30 seconds after 2 minutes of the door being closed, the sounder will restart if the door is opened again.

The tamper feature also uses a sounder reduction feature via the keyswitch and is configured in such a way that the alarm can be set even if tamper security has been breached.

Dimensions mm

UK CA CE

Hoyles Electronic Developments Ltd
Sandwash Close, Rainford, St Helens, WA11 8LY, UK
www.hoyles.com
sales@hoyles.com
+ 44 (0) 1744 886600

HOYLES

Exitguard® 100 Series

Specification	EX104R	EX105R	EX106R
Supply Voltage	6 x AA Batteries	11 – 14vdc	220/240vac
Supply Input Current	25µA quiescent 80mA max in alarm	8mA quiescent 120 max in alarm	< 0.5A
Auxiliary Power O/P	No	No	12vdc @ 200ma
Battery	6 x AA Alkaline (Supplied)	No	6 x AA Alkaline (Supplied)
Fusing	No	No	1A Mains Fuse
Visual Indication	1 x red LED indicates fault and alarm conditions		
Integral Sounder Level	105 db at 1 metre dependant on input voltage. Two selectable tones, high and low.		
Inputs	Alarm loop input and tamper loop input.		
MULTIGUARD O/P	No	Use alarm output relay	
Tamper	Independent N/C lid tamper switch on all models		
Alarm Relay Contacts	No	SPCO 1A/30vdc volt free for connection to remote devices	
Auto Reset Timer	Adjustable 0 - 90secs. Beyond 90 seconds becomes manual reset		
Safe Set	Pass through if door open when armed. Auto set when door is closed		
Chime	Jumper programmable on installation		
Annoyance Reduction	Alarm reduces automatically after 2 minutes		
Door Open Too Long	Option at 15 secs (fixed) Jumper selectable pre-warn bleep		
Enclosure	ABS plastic with mark resistant decal		
Dimensions	175mm x 125mm x 60mm tapering to 50mm		
Weight	0.63kg	0.48kg	0.83kg
Door Contact	Surface door contact c/w 1m x 4 core cable plus fixings		
Approvals	UKCA and CE marked, ROHS compliant		

Accessories	EX104R	EX105R	EX106R
S1778P	No	Yes	Yes
S1788P	No	Yes	Yes
Spare Key	Please call to determine which key number you require		
DDCKIT	DOUBLE Door contact kit c/w 3m x 4 core cable, 2 x surface door contacts, 1 x terminal block plus fixings and instructions		
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