

# Product Guide 2018-19



**ELMDENE**  
Protecting People & Property  
A  POTTER Company

Elmdene International Limited is a world class manufacturer of electronic products for the security, access control, CCTV, fire and IP industries.

Established in 1963 with our manufacturing plant based in Portsmouth on the south coast of England, our range continues to grow with the introduction of new products designed to meet the changing needs of the industry, customers and end users.

Our aim is simple: to provide customers with cost-effective, innovative and high quality products backed by first class and ongoing support, whenever our customers need it.

We are accredited to BS EN9001 for our quality management system and compliant to ISO 14001 for environmental management. We work to meet the requirements of quality and technical standards around the world.



## Green Credentials



Being environmentally friendly is a key consideration, at Elmdene we understand this and actively build in energy efficiency into our products.

Our switch mode power supply units are typically 80-87% efficient. This is a significant difference that can help save your customer money while helping them meet their own green commitments.

We are also committed to ensuring that we live up to our own green philosophy. We strive to be as environmentally friendly as we can in everything we do. As a result we are compliant to **ISO 14001**

Elmdene is also committed to comply with the requirements of the **WEEE (2012/19/EU)** and **RoHS (2011/65/EC)** EU Environmental Directives.



To get the latest information visit  
[www.elmdene.co.uk/green](http://www.elmdene.co.uk/green)



*All dimensions in this catalogue are approximate and are given in mm unless otherwise stated. Specifications are subject to change without notice.*



## 50 Years of Innovation

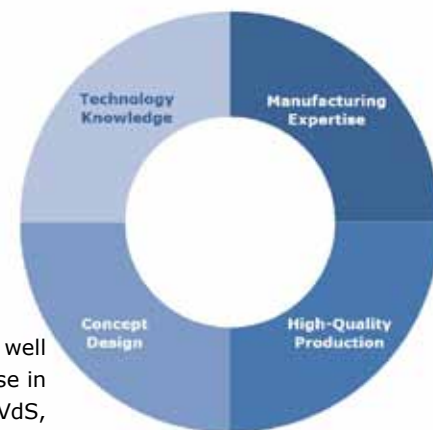


With over 50 years of experience in designing and manufacturing Security products, Elmdene is a reliable choice for product development and bespoke solutions.

Elmdene have earned a great reputation from partnerships, bringing comprehensive technical knowledge, manufacturing expertise, high quality, and first class project management to each unique solution brought to market.

### Full Product Development Process

Having a vast experience of product development, Elmdene are choice partners for the development and manufacture of your product. Elmdene look after and manage the full process from generating concepts, 3D prototypes, product testing, sampling, production and technical support. With an onsite Engineering team and an in-house design team, Elmdene are always on hand to support with your development project needs.



### In-House Capabilities

Producing reliable products of a high standard is at the core of everything Elmdene do. As well as having a Quality Management System accredited to ISO 9001:2015, Elmdene also specialise in manufacturing products to quality and technical standards from across the world, including VdS, Nfa2p, NCP, INCERT and UL.

### Production Expertise

These capabilities can be applied to any product for the Fire and Security market:

- Mechanical Design
- Electronic Design
- Plastic Moulding
- Software Development
- Tooling Expertise

### Continuous Improvement

Even once a product has been launched in the market place, Elmdene will provide ongoing support to assess whether improvements are ever needed to ensure the production continues to be as efficient as it can be and the product continues to have a competitive edge.

*If you have any OEM or bespoke requirements please contact Elmdene to discuss further*





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## Boxed Power Supplies

A range of box sizes are available for Elmdene power supplies. Use the table below to identify the box size for your application.

- As standard, boxed power supplies are made from powder coated steel and finished in white
- Some units are available in polycarbonate IP66/IP68 rated boxes
- Unboxed modules can be lug or DIN rail mounted (dependent on model)

Box Reference	Dimensions (mm)	Enclosure Type	Lid Type
A	200 H x 230 W x 80 D	Powder Coated Steel	Hinge
B	330 H x 355 W x 80 D		Clam
C	275 H x 330 W x 80 D		Hinge
D	500 H x 400 W x 80 D		
E	420 H x 400 W x 80 D		
F	380 H x 230 W x 75 D		
H	420 H x 420 W x 180 D		
J	185 H x 200 W x 53 D		
K	325 H x 350 W x 105 D		Clam
L	100 H x 150 W x 65 D		
M	182 H x 182 W x 90 D	IP66	Screw
P	250 H x 150 W x 100 D	IP68	
Q	200 H x 200 W x 100 D	IP66	
R	410 H X 390 W x 80 D	Powder Coated Steel	Clam
S	345 H x 288 W x 90 D		
T	300 H x 240 W x 60 D		
V	515 H x 478 W x 146 D		Hinge



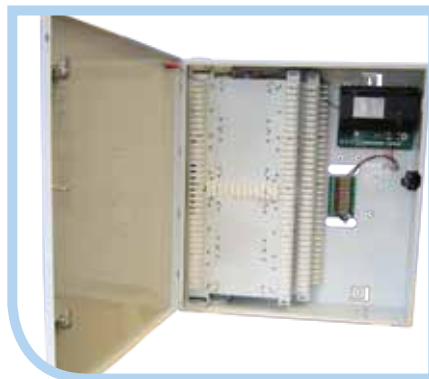
Why not make your product stand out with the **Custom Designed Enclosure** and **Branding** services available. See pages 42 & 43 for more information.





Switch Mode  
Technology

Access Control



## Overview

Access control range of power supplies designed to house common access control door controllers.

## Features

- 13.8V dc output
- Compact, multi-controller enclosures
- PCB mounts supplied for common controllers
- Mains fail fault output
- Switchable 12V / 24V dc versions available
- Universal 90 to 264V ac mains input range
- Bespoke models and screen printing available
- 3 year warranty

Part No	Description	Controller Options	Qty
ACCESS-PSU	13.8Vdc 2A BM SMPSU 275 H x 330 W x 80 D, Max battery 12V 7Ah	NEDAP, PAXTON, SALTO*	1
ACCESS-PSU1	13.8Vdc 4A BM SMPSU, 4-way Fused Output Module, 355 H x 362 W x 85 D, Max battery 12V 7Ah	NEDAP, PAXTON	2
ACCESS-PSU2	13.8Vdc 4A BM SMPSU 4-way Fused Output Modules, 500 H x 400 W x 80 D, Max battery 12V 17Ah	NEDAP, ACT	4
		SALTO	2
ACCESS-PSU2-8A	13.8Vdc 8A SMPSU, 4-way Fused Output Modules 500 H x 400 W x 80 D, Max battery 12V 17Ah	NEDAP, ACT, PAXTON*	4
		SALTO	2
MULTI-ACCESS-PSU2	13.8Vdc 8A / 27.6Vdc 4A SMPSU, 8-way Fused Output Modules 515 H x 478 W x 146 D, Max battery 12V 17Ah	<i>Please contact Elmdene for further information.</i>	
ACCESS-EXP-PLATE	Single Expander Plate for the above (2 max)		
MULTI-ACCESS-PSU6	13.8Vdc 8A / 27.6Vdc 4A SMPSU, 8-way Fused Output Modules 515 H x 478 W x 146 D, Max battery 12V 17Ah		

\*Removal of "adaptor" plate required



### TIP!

Add a **Fire FOM** as an ancillary for flexibility to allow individual Permanent or Switchable outputs. See page 40 for more information.

Some part numbers within this range may be subject to MOQs





Switch Mode  
Technology

CCTV



Neat  
Installation?

## Overview

This range has been specifically designed for analogue CCTV installations that utilise a single cabling method for transmitting video and power, such as:

- Coax+Power (Siamese or Shotgun cable)
- Twisted Pair (UTP cabling)

This PSU range also offers the installer a professional & neat termination junction for the video signals between the camera and DVR.



## Features

- Fully regulated 12V dc output
- 75 Ohm Video Loop In / Loop Out terminations
- Individual Glass Fuse or PTC Fuse protection with health LED indication (jumper selectable)
- White powder coated steel enclosure
- Low profile design (70mm)
- 3 year warranty

Part No	Description	Dimensions (mm)
CCTV-PSU-4	12V dc @ 4A: 4 x 1A BNC junction	354 H x 203 W x 77.5 D
CCTV-PSU-8	12V dc @ 8A: 8 x 1A BNC junction	354 H x 354 W x 77.5 D

*Some part numbers within this range may be subject to MOQs*







Switch Mode  
Technology

CCTV



### Overview

A wide range of boxed power supplies designed for CCTV applications offering single and multiple fused outputs, including IP rated (external) options.

### Features

- 12V dc output
- 4A, 8A, 16A and 20A options
- 18A Rack mount model
- Plastic IP Rated models
- Options for multiple fused outputs
- 3 year warranty

Part Number	Amp Rating	Dimensions	Fused Outputs
VRS124000-J	4.0	185 H x 200 W x 53 D	1 x 4A
VRS124000-2-J			2 x 2A
VRS124000-4-J			4 x 1A
VRS124000-8-J			8 x 0.5A
VRS124000-P		250 H x 150 W x 100 D (IP68)	1 x 4A
VRS124000-2P			2 x 2A
VRS124000-4P			4 x 1A
VRS124000-8P			8 x 0.5A
VRS124000-4-T	300 H x 240 W x 60 D	4 x 1A	
VRS124000-8-T		8 x 0.5A	
VRS128000-2-T		300 H x 240 W x 60 D	2 x 4A
VRS128000-4-T			4 x 2A
VRS128000-8-T	8 x 1A		
VRS128000-16-T	16 x 0.5A		
VRS1218000-18	18.0	19" Rack 70 H x 437 W x 210 D	18 x 1A PTC
VRS1216000-16-S	16.0	345 H x 288 W x 90 D	16 x 1A
VRS1220000-24-S	20.0		24 x 0.8A
VRS124000-4-A	4.0	200 H x 230 W x 80 D	4 x 1A
VRS124000-8-A			8 x 0.5A

Some part numbers within this range may be subject to MOQs





Switch Mode  
Technology**CCTV**

## Overview

A range of energy efficient encapsulated power supplies specifically designed for CCTV applications.

## Features

- Regulated 12V dc output
- 1A to 5.0A versions available
- UK or European mains plug
- 2.1mm dc output plug
- 4 way splitter versions available (-4)
- 2.1 to 2.5mm adaptor available
- 3 year warranty

Part Number	Amp Rating	UK/Euro Plug	4-Way Output Splitter	Dimensions (Main body)
VRS121000EB	1.0	UK		65 x 45 x 25
VRS121000EE		Euro		
VRS122000EB	2.0	UK		78 x 52 x 25
VRS122000EE		Euro		
VRS122000EB-4		UK	Y	
VRS122000EE-4	Euro	Y		
VRS123500EB	3.5	UK		112 x 54 x 32
VRS123500EE		Euro		
VRS123500EB-4		UK	Y	
VRS123500EE-4	Euro	Y		
VRS125000EB	5.0	UK		112 x 54 x 32
VRS125000EE		Euro		
VRS125000EB-4		UK	Y	
VRS125000EE-4		Euro	Y	
<b>Accessories</b>				
SPLITTER-4	1 to 4-way 2.1mm output splitter			400 Length
MCP101016	2.1 to 2.5mm adaptor			N/A

Some part numbers within this range may be subject to MOQs



Switch Mode  
Technology

General



## Overview

This range has a regulated highly stable output supplying full rated current to load, plus additional battery charge and a universal mains voltage input charging (90 to 264V ac).

## Features

- 13.8V dc output
- Full rated current to load + 0.5A battery charging
- Modular construction means easy maintenance and upgrading
- Cost effective switch mode
- Front tamper protection
- Energy efficient
- Available in boxed and unboxed
- 3 year warranty

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
G13801N-A	1.0	200 H x 230 W x 80 D	1 x 7Ah
G13801N-B		330 H x 355 W x 80 D	1 x 17Ah
G13801N-C		275 H x 330 W x 80 D	
G13802N-A	2.0	200 H x 230 W x 80 D	1 x 7Ah
G13802N-B		330 H x 355 W x 80 D	1 x 17Ah
G13802N-C		275 H x 330 W x 80 D	
G13803N-A	3.0	200 H x 230 W x 80 D	1 x 7Ah
G13803N-B		330 H x 355 W x 80 D	1 x 17Ah
G13803N-C		275 H x 330 W x 80 D	
G13804N-B	4.0	330 H x 355 W x 80 D	
G13804N-C		275 H x 330 W x 80 D	
G13804N-4-C	4 x 1A		
G13805N-B	5.0	330 H x 355 W x 80 D	1 x 17Ah
G13805N-C		275 H x 330 W x 80 D	
G13801NU	1.0	Unboxed	134 L x 84 W x 42 H
G13802NU	2.0		
G13803NU	3.0		
G13804NU	4.0		152 L x 106 W x 71 H
G13804NU-4	4 x 1.0		
G13805NU	5.0		

Some part numbers within this range may be subject to MOQs





Switch Mode  
Technology

General



## Overview

Ideal for applications requiring mains and battery monitoring with fault outputs in addition to battery deep discharge protection.

## Features

- 13.8V dc output
- Full rated current to load + 0.5A battery charging
- Mains and battery monitoring
- 2x Volt free fault outputs
- Battery deep discharge protection
- Front and rear tamper protection
- 3 year warranty

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
G13801BM-A	1.0	200 H x 230 W x 80 D	1x7Ah
G13801BM-B		330 H x 355 W x 80 D	1x17Ah
G13801BM-C		275 H x 330 W x 80 D	
G13802BM-A	2.0	200 H x 230 W x 80 D	1X7Ah
G13802BM-B		330 H x 355 W x 80 D	1x17Ah
G13802BM-C		275 H x 330 W x 80 D	
G13803BM-B	3.0	330 H x 355 W x 80 D	1x17Ah
G13803BM-C		275 H x 330 W x 80 D	
G13804BM-B	4.0	330 H x 355 W x 80 D	1x17Ah
G13804BM-C		275 H x 330 W x 80 D	
G13805BM-B	5.0	330 H x 355 W x 80 D	1x17Ah
G13805BM-C		275 H x 330 W x 80 D	
G13810BM-8-C	10.0	275 H x 330 W x 80 D	2x7Ah
			<b>Dimensions (LxWxH)</b>
G13801BMU	1.0	Unboxed	152 x 106 x 52
G13802BMU	2.0		
G13803BMU	3.0		152 x 106 x 71
G13804BMU	4.0		
G13805BMU	5.0		

Some part numbers within this range may be subject to MOQs





Switch Mode  
Technology

## Intruder



### Overview

Specifically designed for Intruder system applications where compliance to EN50131-6 is required.

### Features

- Grade 2 and 3 compliant options
- Mains fail / battery fault monitoring
- Range of battery and enclosure options
- Deep discharge battery protection
- EN50131-6 compliant
- 3 year warranty

### Approvals & Certification

GEN2 Compliant with EN50131-6:2008,  
Telefication Certified

GEN3 Compliant with EN50131-6:2008,  
Telefication Certified

ISO/IEC guide 67 System 5 Registration,  
Telefication Certified - Continued Compliance

*Some part numbers within this range may be subject to MOQs*

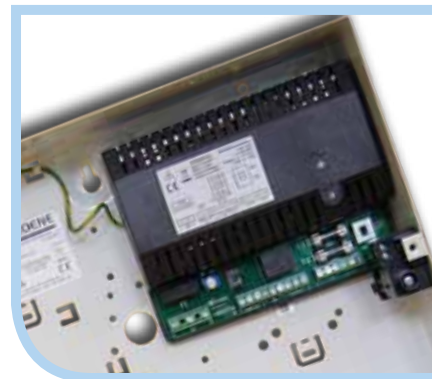
Part Number	Amp Rating	Dimensions	Will Fit Battery Size
GEN2-08-A	1.0	200 H x 230 W x 80 D	1 x 7 or 8Ah
GEN2-08-B		330 H x 355 W x 80 D	
GEN2-08-C		275 H x 330 W x 80 D	
GEN2-18-B	1.5	330 H x 355 W x 80 D	1 x 17 or 18Ah
GEN2-18-C		275 H x 330 W x 80 D	
GEN3-08-A	1.0	200 H x 230 W x 80 D	1 x 7 or 8Ah
GEN3-08-B		330 H x 355 W x 80 D	
GEN3-08-C		275 H x 330 W x 80 D	
GEN3-18-B	1.5	330 H x 355 W x 80 D	1 x 17 or 18Ah
GEN3-18-C		275 H x 330 W x 80 D	





Switch Mode  
Technology

General



## Overview

A range of power supplies featuring a selectable 12V / 24V dc output to suit your required application.

## Features

- Output selectable between 12V and 24V dc
- 4A/2A, 6A/3A, 8A/4A options at 12V/24V dc
- 7Ah or 17Ah battery options
- Mains fail relay fault output
- Independent ancillary relay
- Tamper protection
- 3 year warranty

Part Number	Amp Rating 13.8V/27.6V	Fused Outputs	Dimensions	Will Fit Battery Size
G1224-42N-C	4A / 2A	1	275 H x 330 W x 80 D	12V Mode: 1 x 12V 7Ah  24V Mode: 2 x 12V 7Ah
G1224-63N-C	6A / 3A			
G1224-84N-C	8A / 4A			
G1224-84N-4-C		4		
G1224-84N-8-C		8		
G1224-63N-R	6A / 3A	1	410 H X 390 W x 80 D	12V Mode: 1 x 12V 17Ah  24V Mode: 2 x 12V 17Ah
G1224-84N-R	8A / 4A			
G1224-84N-4-R				
G1224-84N-8-R		8		
				<b>Dimensions (LxWxH)</b>
G1224-42NU	4A / 2A	1	Unboxed	157 x 143 x 55
G1224-63NU	6A / 3A			
G1224-84NU	8A / 4A			

Some part numbers within this range may be subject to MOQs





Switch Mode  
Technology

General



## Overview

Standard range of 24V dc power supplies with closely regulated output and universal mains input designed for general purpose applications.

## Features

- 27.6V dc output
- Full rated current to load + 0.5A battery charging
- Boxed and un-boxed versions
- Electronic overload protection
- Universal mains input
- DIN rail mount option 1A & 2A models
- 3 year warranty

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
G2401N-A	1.0	200 H x 230 W x 80 D	2 x 12V 2.3Ah
G2401N-C		275 H x 330 W x 80 D	2 x 12V 7Ah
G2401N-R		410 H X 390 W x 80 D	2 x 12V 17Ah
G2402N-C	2.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2402N-R		410 H X 390 W x 80 D	2 x 12V 17Ah
G2403N-C	3.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2403N-R		410 H X 390 W x 80 D	2 x 12V 17Ah
G2405N-C	5.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2405N-R		410 H X 390 W x 80 D	2 x 12V 17Ah
G2405N-H		420 H x 420 W x 180 D	2 x 12V 38Ah
			<b>Dimensions (LxWxH)</b>
G2401NU	1.0	Unboxed	134 x 84 x 42
G2402NU	2.0		152 x 106 x 52
G2403NU	3.0		157 x 143 x 55
G2405NU	5.0		

Some part numbers within this range may be subject to MOQs





Switch Mode  
Technology

General



## Overview

Ideal for applications requiring mains and battery monitoring with fault outputs in addition to battery deep discharge protection.

## Features

- 27.6V dc output
- Full rated current to load + 0.5A battery charging
- Mains and battery monitoring
- 2x Volt free fault outputs
- Battery deep discharge protection
- Boxed and un-boxed versions
- DIN rail mount option 1A & 2A models
- 3 year warranty

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
G2401BM-C	1.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2401BM-R		410 H X 390 W x 80 D	2 x 12V 17Ah
G2402BM-C	2.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2402BM-R		410 H X 390 W x 80 D	2 x 12V 17Ah
G2403BM-C	3.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2403BM-R		410 H X 390 W x 80 D	2 x 12V 17Ah
G2405BM-C	5.0	275 H x 330 W x 80 D	2 x 12V 7Ah
G2405BM-R		410 H X 390 W x 80 D	2 x 12V 17Ah
G2405BM-H		420 H x 420 W x 180 D	2 x 12V 38Ah
G2410BM-E	10.0	420 H x 400 W x 80 D	2 x 12V 17Ah
			<b>Dimensions (LxWxH)</b>
G2401BMU	1.0	Unboxed	152 x 106 x 52
G2402BMU	2.0		157 x 143 x 55
G2403BMU	3.0		
G2405BMU	5.0		
G2410BMU	10.0		

Some part numbers within this range may be subject to MOQs





Switch Mode  
Technology

Fire



## Overview

These ranges of switch mode power supplies have been designed specifically for fire systems and are certified to EN54-4:1997, A1:2002 & A2:2006.

## Features

- 27.6V dc output
- Intelligent battery charging and monitoring - utilises Elmdene Eco- Charge technology
- Remote fault signalling
- Full rated current to load plus additional current for battery charging
- Serial communication available for OEM applications on request
- 3 year warranty

## Approvals & Certification

STX certified by UL to:  
EN54-4:1997, A1: 2002, A2: 2006

STE certified by VdS to:  
EN54-4:1997, A1: 2002, A2: 2006

*Some part numbers within this range may be subject to MOQs*

## STX Range:

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
STX2401-T	1.0	300 H x 240 W x 60 D	2 x 12V 1.2Ah
STX2401-C		275 H x 330 W x 80 D	2 x 12V 7Ah
STX2402-C	2.0	420 H x 400 W x 80 D	2 x 12V 17Ah
STX2402-E		275 H x 330 W x 80 D	2 x 12V 7Ah
STX2405-C	5.0	420 H x 400 W x 80 D	2 x 12V 17Ah
STX2405-E		275 H x 330 W x 80 D	2 x 12V 7Ah
STX2410-E	10.0	420 H x 400 W x 80 D	2 x 12V 17Ah
STX2410-H	8.0	420 H x 420 W x 180 D	2 x 12V 38Ah
STX2410-E + BATT-BOX-65	7.2	420 H x 400 W x 80 D + BOX65	2 x 12V 65Ah

## STE Range:

Part Number	Amp Rating	Box Size	Will Fit Battery Size
2402STE	2.0	E	2 x 12V 17Ah
2405STE	5.0		
BATT-BOX-3802V (Battery Box)	N/A	H	2 x 12V 38Ah
BATT-LD-T-300	3m Battery Lead Set		





Switch Mode  
Technology

Fire



COMING  
SOON



Overview

A range of power supplies specifically designed for fire alarm systems and certified by VDS and AFNOR to EN54-4.

Features

- 1A, 2A and 5A versions
- 7Ah, 12Ah, 24Ah, 38Ah, 65Ah battery options
- Exterior Engineers Diagnostic LED, allowing for faster system diagnosis
- Dual outputs allow for compliant remote installation, from control panel (Dual Path) or used as two independent monitored outputs.
- Additional battery box available for 5A models

Part Number	Amp Rating	Dimensions	Will Fit Battery Size
STV2401-T	1.0	300 H x 240 W x 60 D	2 x 12V 1.2Ah
STV2401-C		275 H x 330 W x 80 D	2 x 12V 7Ah
STV2402-C	2.0	275 H x 330 W x 80 D	2 x 12V 7Ah
STV2402-E		420 H x 400 W x 80 D	2 x 12V 17Ah
STV2402-K		325 H x 350 W x 105 D	2 x 12V 12Ah
STV2402-H		420 H x 420 W x 180 D	2 x 12V 24Ah / 38Ah
STV2405-C	5.0	275 H x 330 W x 80 D	2 x 12V 7Ah
STV2405-E		420 H x 400 W x 80 D	2 x 12V 17Ah
STV2405-K		325 H x 350 W x 105 D	2 x 12V 12Ah
STV2405-H		420 H x 420 W x 180 D	2 x 12V 24Ah / 38Ah
BATT-BOX-65	N/A	BOX65	2 x 12V 65Ah

Approvals & Certification

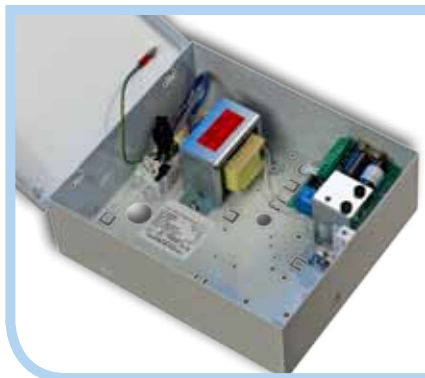
EN54-4: Certified by VDS and AFNOR  
 EN12101-10: Certified by AFNOR  
 NFS61-940: Certified by AFNOR

Available for NF Associativity Testing NOW!

Some part numbers within this range may be subject to MOQs



## Fire



## Overview

Designed for fire and access control applications that require control of the power supply output. For example, to power door retainers, with a link to the fire panel in order to switch off the output to the doors in the event of a fire alarm activation.

All models are now configurable for Fail Safe operation, complying to BS7273.

## Features

- 27V dc nominal output
- Remote control of output
- Choice of switching options:
  - Closing of a normally open Volt-free contact
  - Opening of a normally closed Volt-free contact
  - Removal of an external 24V dc supply
- BS7273 Compliant
- Mains transient protection
- 3 year warranty

Part Number	Amp Rating	Dimensions
TRS1	1.0	185 H x 200 W x 53 D

Note: This range is not suitable for use with standby batteries.

Part Number	Amp Rating	Dimensions
TR2	2.0	200 H x 230 W x 80 D
TR4	4.0	200 H x 230 W x 80 D

*Some part numbers within this range may be subject to MOQs*



## Overview

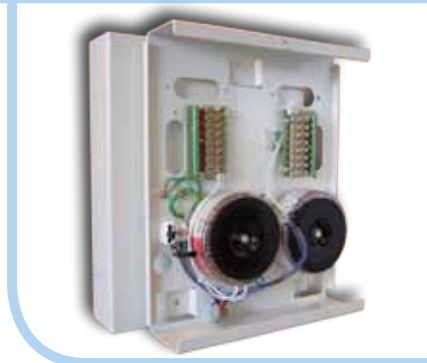
Designed for CCTV applications featuring both 24V ac and dc units including IP rated options.

## CCTV



## Features

- 24V ac and 24v dc options
- Metal boxed or plastic IP rated enclosure
- 2A, 4A, 6A, 8A and 16A models
- Single and multiple fused output
- 3 year warranty



### DC Models:

Part Number	Amp Rating	Box Size	Fused Outputs
VRS242000-J	2A	185 H x 200 W x 53 D	1 x 2A
VRS242000-2-J			2 x 1A
VRS242000-4-J			4 x 0.5A
VRS242000-8-J			8 x 0.25A
VRS242000-2P	4A	250 H x 150 W x 100 D (IP68)	2 x 1A
VRS244000-4-T		300 H x 240 W x 60 D	4 x 1A

### AC Models:

Part Number	Amp Rating	Dimensions	Fused Outputs
VR2420	2.0	100 H x 150 W x 65 D	1 x 2A
VR2420-4			4 x 0.5A
VR2440	4.0	185 H x 200 W x 53 D	1 x 4A
VR2440-2			2 x 2A
VR2440-4			4 x 1A
VR2440-8	6.0		8 x 0.5A
VR2460-4			4 x 1.5A
VR2480-T	8.0	300 H x 240 W x 60 D	1 x 8A
VR2480-2-T			2 x 4A
VR2480-4-T			4 x 2A
VR2480-8-T	16.0	345 H x 288 W x 90 D	8 x 1A
VR24160-8-S			8 x 2A
VR24160-16-S			16 x 1A
VR2416000-16	4.0	19" Rack	
VR2440-P		IP66	1 x 4A
VR2440-4P		182 H x 182 W x 90 D	4 x 1A
VR2460-4P	6.0		4 x 1.5A
VR2480-4P	8.0	IP66 200 H x 200 W x 100 D	4 x 2A

## Encapsulated Range

Coming Soon!



Part Number	Amp Rating	Dimensions	Fused Outputs
VR24750EB	750mA	Encapsulated	1 x 750mA
VR241000EB	1.0	Encapsulated	1 x 1A
VR241500EB	1.5	Encapsulated	1 x 1.5A
VR242000EB	2.0	Encapsulated	1 x 2A
VR243000EB	3.0	Encapsulated	1 x 3A

Some part numbers within this range may be subject to MOQs



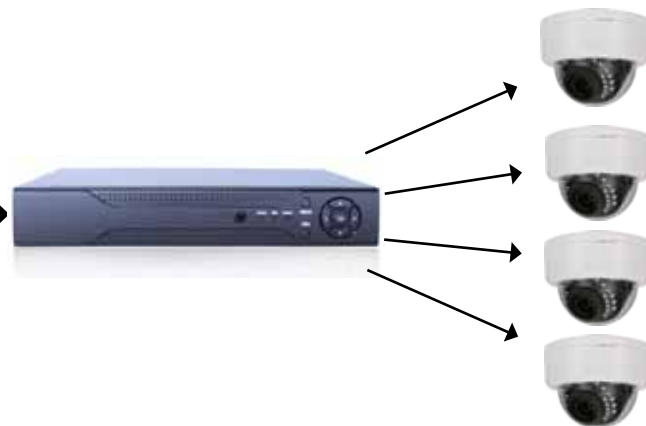
## CCTV



A new low cost solution for 4 HOURS STANDBY POWER for PoE and PoC CCTV systems. When used with the recommended standby batteries the devices will provide approximately 4 hours standby time for the camera system in the event of a mains failure.



**4 HOURS**  
STANDBY POWER  
(220V ac)



### Features

- 19" Rackmountable 4U
- LED indication (mains present, mains loss, standby mode)
- Mains Loss - Volt-free fault output
- Fault - Volt-free fault output
- Battery Fault - Volt-free output
- Single IEC C13 220V ac outlet
- Single IEC C14 mains input (lead provided)
- Floor standing battery box included with 16CAM and 32CAM options
- 3 year warranty

### CCTV System Power Requirements

Typical Camera System	Power Budget	Back Up Time*	Batteries Required	Model Reference	Maximum power**			
Up to 4 Cameras + NVR	40W (VA)	8 Hours	2 x 12V 18Ah SLA	<b>4HR-UPS-8CAM</b>	100W (VA)			
Up to 8 Cameras + NVR	70W (VA)							
Up to 16 Cameras + NVR	145W (VA)		4 Hours			2 x 12V 38Ah SLA	<b>4HR-UPS-16CAM</b>	200W (VA)
Up to 32 Cameras + NVR	220W (VA)							

\*Approximate with load calculations based on 6W cameras and 20W NVR+HDD

\*\*Maximum load stated is based on a unity power factor (1). To determine power factor contact the equipment manufacturer OR test system load to determine the actual VA using a power meter, alternatively you must de-rate the UPS Max load by 50%



### TIP!

If used in line with our **POE-PSM-4** it can increase to **16 HOURS STANDBY POWER** by removing up to 3 non-critical PoE cameras to reduce power consumption during a power outage

Some part numbers within this range may be subject to MOQs



## General



### Miniature UPS

#### Overview

This is a compact 'in-line' 5V to 12V dc UPS device that provides back-up power in the event of a dc input supply failure (12W max).



#### Features

- Autosense 5V, 7.5V, 9V, 12V operation
- Provided with 2.1mm dc connections
- At 12V gives 1A max
- Utilises Li-Po battery technology
- Over-voltage protection
- Overload/short circuit protection
- 1 year warranty

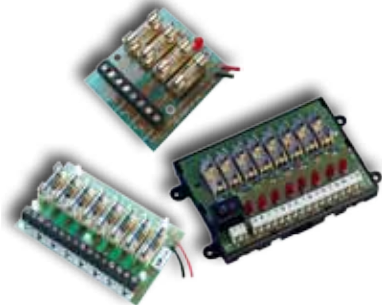
Part Number	Dimensions (Main Body)	Approx. Backup Time	
		50% Load	100% Load
UPS12-4400	85 L x 60 W x 40 D	2Hrs	35 mins

*Some part numbers within this range may be subject to MOQs*

### Fused Output Modules

#### Overview

These fused output modules can be used to provide 4 or 8 individually fused outputs from a single PSU output.



#### Features

- 4 or 8 individually fused outputs
- Health indicator
- Individual health LEDs and PTC options on request
- Ideal for CCTV and Access Control applications
- DIN rail version
- 3 year warranty

Part Number	Dimensions
FOM4	60 L x 50 W x 33 D
FOM8	94 L x 66 W x 33 D
FOM8-DIN	134 L x 84 W x 35 D

*Some part numbers within this range may be subject to MOQs*



**POE-ULTRAPOD-MOD**

Back-up power over a single Ethernet cable

**POE-MINIPOD**

Local PoE back-up for PoE devices

## Various solutions to offer an extended 4 HOUR back up time on an IP power failure

As PoE devices become more critical within a security system with added features such as detection analytics, it is paramount to have sufficient standby power in the event of a mains failure either from a malicious or a natural occurrence.

Currently it is common practice for a PoE installation to have either no provision for standby power or for a standard 'off the shelf' inline UPS to be used to back up the PoE which may result in:

- No Provision** = No recordings or detection on a mains failure
- Standard inline UPS** = Minimal backup times. Minutes NOT hours!  
(primarily designed to shutdown IT servers safely)

Both of these scenarios lead to a Compromised System if a mains failure occurs!

New to Elmdene's power supply offering are various standard and bespoke Power Over Ethernet (PoE) standby solutions. These devices are capable of providing back-up power that can be used in security, access control and information technology applications.

Contact Elmdene to find out the best power back-up solution for your PoE system. Elmdene will consider any adaptations of this range for bespoke products to suit your requirements.



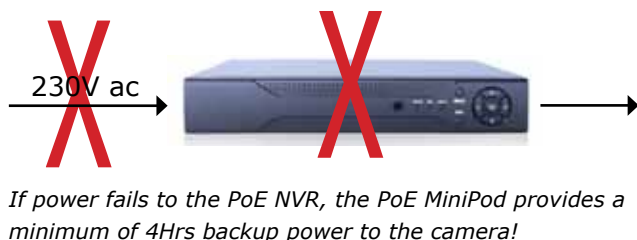




CCTV



The PoE MiniPod™ provides 4 HOURS BACKUP POWER for PoE Edge recording cameras. When power is lost to a PoE NVR, all cameras connected to it will also lose power. But if an Edge recording camera is connected via a PoE MiniPod™ the camera's power will remain and continue to record to its SD card, ensuring that no data is lost.



## Features

- Provides up to 14W to the PoE powered device
- Simple PoE+ IN, PoE+ OUT
- Powered solely from PoE+ (802.3at)
- No mains power needed
- Supplies battery back-up on loss of PoE power
- Enclosure accommodates an industry standard 12V 7Ah battery
- Battery deep discharge protection
- IP66 Steel enclosure ideal for external use
- 3 year warranty

Part Number	Output Rating	Dimensions	Battery Back-up (Max)
POE-MINIPOD	PoE802.3at (14W max)	200 H x 200 W x 150 D (IP66)	1 x 12V 7Ah *

\*Batteries not supplied

Indoor enclosures also available if required



*This range may be subject to MOQs*





## Access Control



### Overview

Save time and money with the PoE UltraPod™ - the unique PoE powered device that provides high power for critical IP systems such as Access Control, over a single Ethernet cable.

### Features

- Provides 12V dc, up to 3A to the device with an additional 0.5A for battery charging (PoE++ required)
- Offers battery back-up on loss of input PoE power
- Boxed unit has fixing points for commonly used access control boards
- Provides remote fault monitoring outputs:
  - > PoE Input failure
  - > Battery Low
- Data pass through for IP connections
- Powered remotely by:
  - > PoE++ (PoE 802.3bt)
  - > PoE+ (PoE 802.3at)
  - > PoE (PoE 802.3af)
- 3 year warranty

*Some part numbers within this range may be subject to MOQs*



### POE-ULTRAPOD-MOD

Back-up power over a single Ethernet cable

Part Number	Description	Dimensions
POE-ULTRAPOD-MOD	POE++ splitter DIN mountable module with battery charging and 12V 3A output	40 H x 125 W x 85 D
POE-ULTRAPOD-B	POE++ splitter with battery charging and 12V 3A output in a tampered metal enclosure capable of housing 1x access control board and 1x 12V 17Ah SLA battery	334 H x 380 W x 85 D

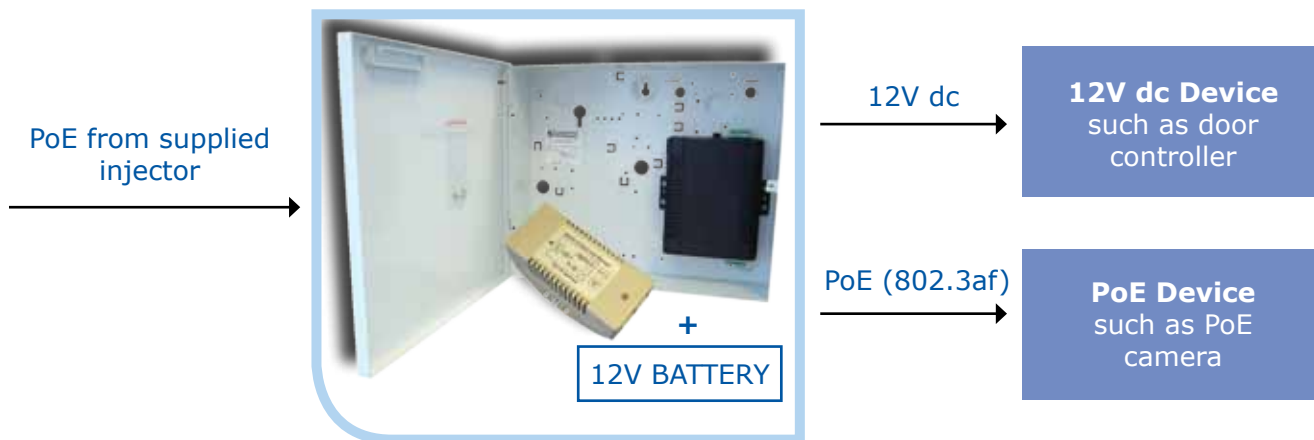




## General



A PoE powered enclosure (50W PoE injector supplied), that provides 12V dc @ 1.5A and also a compliant PoE (802.3af) output, both backed up by a 12V 7Ah battery (not supplied) on a PoE input failure



Input	Part Number	Output & Rating	Ideal Application
50W PoE Injector supplied (non-compliant)	POE1230-C	12V dc (1.5A max) & PoE (802.3af)	Access Control - Controller and PoE Camera

## PoE Accessories

Part Number	Description
ELM-UPOE-SWITCH-8	8-Port Ultra PoE Ethernet Switch (Max 380W)
ELM-UPOE-INJ-8	8-Port Ultra PoE Injector Hub (Max 400W)
ELM-UPOE-INJ-16	16-Port Ultra PoE Injector Hub (Max 600W)
ELM-UPOE-INJ	Single port Ultra PoE Injector (Max 60W)

## PoE Injectors

Part Number	PoE	Channels
ELM-POE-INJ	802.3af	1
ELM-POE+INJ	802.3at/af	1

Some part numbers within these ranges may be subject to MOQs



## Rapier



A range of stainless steel sounders that fully meet the requirements of EN50131-4:2009 Grade 3 and 4.

Part Number	Grade	Sound Output at 1M	Dimensions
RAPIER-G4S	4	113dB(A)	342 H x 221 W x 55 D
RAPIER-G3S	3		
RAPIER-G3W			

### Approvals & Certification

- PD6662:2010
- EN50131-1:2006
- EN50131-4:2009
- EN61000-6-3

See page 28 for the INCERT approved RAPIER-6510

## Quartz



A range of stylish yet hard wearing sounders. The outer cover and backplate are made of durable solid coloured polycarbonate. Fully meeting the requirements of EN50131-4:2009 Grade 2 and 3.

Part Number	Grade	No of Piezos	Sound Output at 1M	Dimensions
QTZ-3000-G2	2	2	108dB(A)	292 H x 232 W x 68 D
QTZ-1000-G2		1	105dB(A)	
QTZ-3000-G3	3	2	108dB(A)	
QTZ-1000-G3		1	105dB(A)	

### Approvals & Certification

- PD6662:201
- EN50131-1:2006
- EN50131-4:2009
- EN61000-6-3

## HS



A range of sounders with polycarbonate outer cover fitted over a polycarbonate or metal backplate. Meeting the requirements of EN50131-4:2009 Grade 2 and 3.

Part Number	Grade	Sound Output at 1M	Dimensions
HS500-G3	3	105dB(A)	287 H x 330 W x 73 D
HS500M-G3			
HS500C-G2	2	106dB(A)	

### Approvals & Certification

- PD6662:2010
- EN50131-1:2006
- EN50131-4:2009
- EN61000-6-3

## Vertec



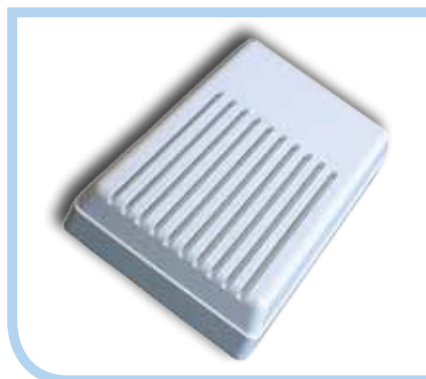
A range of sounders with polycarbonate outer cover fitted over a polycarbonate backplate. Meeting the requirements of EN50131-4:2009 Grade 2 and 3.

Part Number	Grade	Sound Output at 1M	Dimensions
VER-3000-G3	3	105dB(A)	320 H x 210 W x 60 D
VER-1000-G2	2	106dB(A)	

Some part numbers within these ranges may be subject to MOQs



## Intruder



INT400 & 600



INT500

### Inter Range

This range of internal sounders is available in three versions:

- Alarm only
- Alarm & Exit/Entry
- Alarm, Exit/Entry & Strobe

Each with or without internal battery for SAB or direct operation. 12V dc, with tough polycarbonate cover and backplate.

#### Approvals & Certification

- PD6662:2010
- EN50131-1:2006
- EN50131-4:2009

Part Number	Grade	Description	Sound Output at 1M	Dimensions
400	3	Alarm only	110dB(A)	110 H x 160 W x 40 D
400(S)	2	Alarm only with NiCad battery for SAB operation		
500	3	Alarm & Entry/Exit sounder with strobe		
500(S)	2	Alarm & Entry/Exit with strobe and NiCad battery for SAB operation		
600	3	Alarm & Entry/Exit sounder		
600(S)	2	Alarm & Entry/Exit sounder with NiCad battery for SAB operation		

*Some part numbers within this range may be subject to MOQs*



## Magna



The Magna G3 external siren has been designed for the European security market and is certified to EN50131-4:2009 Grade 3.

### Features

- Environmental Class IV
- Silent start up
- Battery monitoring with fault output
- 5 year warranty

### Approvals & Certification

- EN50131-1:2006
- EN50131-4:2009
- EN61000-6-3
- NFa2P (Type 3) Approved

Part Number	Grade	Sound Output at 1M	Dimensions
MAGNA-F	3	105dB	350 H x 200 W x 75 D

## Euro Siren



The Euro Siren features stainless steel construction for the backplate, inner and outer covers in addition to a strobe and high output siren.

### Features

- High output siren – 120dB(A)
- Cover and rear tamper
- Microprocessor controlled
- 3 year warranty

### Approvals & Certification

- INCERT

Part Number	Sound Output at 1M	Dimensions
SBR-5000-x	120dB(A)	260 H x 185 W x 90 D

## Rapier-6510



A stainless steel sounder that fully meet the requirements of EN50131-4:2009 Grade 3.

### Features

- Low power operation: 10mA standby, 180mA full alarm
- Environmental class IV
- Battery and Piezo self-test with fault output

### Approvals & Certification

- PD6662:2010
- EN50131-1:2006
- EN50131-4:2009
- EN61000-6-3
- INCERT (RAPIER-6510)

Part Number	Sound Output at 1M	Dimensions
RAPIER-6510	113dB(A)	342 H x 221 W x 55 D

Some part numbers within these ranges may be subject to MOQs



**SI500**



A robust European style internal siren designed for use in domestic and commercial applications.

**Features**

- 12V dc operation
- 116db(A) sound level
- Grade 2, Environmental Class II
- Robust steel enclosure
- Selectable 15/30 min timer
- 3 year warranty

**Approvals & Certification**

- NFA2P
- EN50131

Part Number	Sound Output at 1M	Dimensions
SI500	116dBA	192 H x 183 W x 55 D

**INT210-IN**



This internal sounder is ideal for domestic or commercial applications that require a high output.

**Features**

- 12V dc operation
- Grade 3, Environmental class II
- Volt-free tamper connection
- Pitch/Level control pot
- Selectable high & medium sound output levels
- 3 year warranty

**Approvals & Certification**

- EN50131-1:2006
- EN50131-4:2009
- INCERT approved

Part Number	Sound Output at 1M	Dimensions
INT210-IN	115dB(A)	110 H x 160 W x 40 D

*Some part numbers within these ranges may be subject to MOQs*



## High Security



A range of Contacts designed for high security applications. Surface or Flush mounted versions available

### Features

- Ideal for single or multiple doors
- Cabled
- IP67 rated
- Detection of magnetic field interference
- Active/passive tamper (model dependent)
- 5 year warranty

### Approvals & Certification

- PD6662:2010
- EN50131-1:2006
- EN50131-2-6:2008



## Grade 1, 2 & 3



An extensive range of graded Contacts. Choose from Flush mounted, Surface mounted, Metal or Plastic.

### Features

- Ideal for single or multiple doors
- Cabled or Terminal
- IP43 and IP67 rated
- 5 year warranty

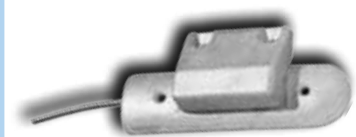
### Approvals & Certification

- PD6662:2010
- EN50131-1:2006
- EN50131-2-6:2008

Some versions also meet the requirements for Nfa2P. Please contact us for more information on these items.



## Roller Shutter



A wide range of heavy duty contacts for Roller Shutters, graded 2 and 3.

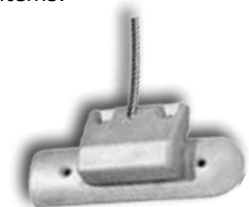
### Features

- Ideal for single or multiple doors
- Surface metal
- IP43 and IP67 rated
- 5 year warranty

### Approvals & Certification

- PD6662:2010
- EN50131-1:2006
- EN50131-2-6:2008
- CPNI ref EN3-RSA - Contact CPNI for details

Some versions also meet the requirements for Nfa2P and INCERT. Please contact us for more information on these items.



Contact us for more details on any of these ranges. MOQs may apply.



## Intruder



### Panic Buttons



#### Overview

Double push Panic buttons ergonomically designed and ideal for use in commercial and domestic installations.

#### Features

- Silent operation
- FSL and DP connection options
- Multiple control panel/resistor options
- Cover and rear tamper
- 5 year warranty

Part Number	Colour	Dimensions
ELM-PA-G3-W	White	80 L x 62 W x 27 D
ELM-PA-G3-SS	Stainless steel (plated finish)	

### Safe Limpets



#### Overview

Designed for the protection of safes, filing cabinets, fruit machines and any valuable article or piece of equipment that has a ferrous metal exterior.

#### Features

- Grade 3, Environmental class II
- Vibration detection
- Integral analyser
- Thermal sensor
- Proximity sensor
- Magnetic Interference Detection (E20)
- 3 Year warranty

Part Number	Dimensions
LIMPET-E16A	120 H x 95 W x 75 D
LIMPET-E20	120 H x 95 W x 52 D
LIMPET-KEEP	130 H x 105 W x 30D
Keyhole Aperture: 45mm Ø	

*Some part numbers within these ranges may be subject to MOQs*

## Fire



FB 200 Series



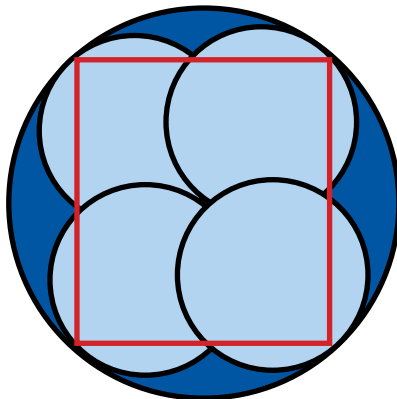
FB 100 Series

Elmdene's EN54-23 ceiling and wall mounted Visual Alarm Devices (VAD's) for Fire systems are LPC certified products.

This EN54-23 VAD range provides **C-3-15 coverage**. A single VAD can therefore cover a **10.5m room**. It would take 4 x C-3-7.5 standard VAD's to cover the same area!

C-3-7.5 VAD

C-3-15 VAD



Part Number	Dimensions	Description
FBC100-3-15	157 W x 38 D	Ceiling Mount with universal mounting plate
FBC200-3-15W	100 W x 22 D	Ceiling mount Shallow Base (White)
FBC200-3-15DW	100 W x 50 D	Ceiling mount Deep Base Opposite Entries (White)
FBC200-3-15R	100 W x 22 D	Ceiling mount Shallow Base (Red)
FBC200-3-15DR	100 W x 50 D	Ceiling mount Deep Base Opposite Entries (Red)
FBW200-2.4-9.5W	100 W x 22 D	Wall mount Shallow Base (White)
FBW200-2.4-9.5DW	100 W x 50 D	Wall mount Deep Base Opposite Entries (White)
FBW200-2.4-9.5DUW	100 W x 50 D	Wall mount Deep Base Adjacent Entries (White)
FBW200-2.4-9.5R	100 W x 22 D	Wall mount Shallow Base (Red)
FBW200-2.4-9.5DR	100 W x 50 D	Wall mount Deep Base Opposite Entries (Red)
FBW200-2.4-9.5DUR	100 W x 50 D	Wall mount Deep Base Adjacent Entries (Red)

Some part numbers within this range may be subject to MOQs



## Fire



## Fire Signalling Interface

## Overview

A fully monitored signalling interface for use in installations where fire and intruder systems signal via a shared communication device. It provides independent access for fire and intruder engineers.



## Features

- Two separate compartments giving physical segregation
- Both sections are independently monitored for tamper
- Shunt key switch function
- 3 year warranty

Part Number	Dimensions
FSI-01	107 H x 170 W x 40 D

## A4 Fire Document Box

## Overview

Document boxes ideal for the safe keeping of important Fire system documents & log books. Formed from red powder coated steel with cam lock. The box is branded for Fire applications with a white 'Fire' logo.



## Features

- Branded for Fire applications
- A4 and Lever Arch versions available
- All units are keyed alike
- Provided with 2 keys
- 5 year warranty

Part Number	Dimensions
A4-DOC-BOX-R-FIRE	300 H x 235 W x 50 D
LA-DOC-BOX-R-FIRE	430 H x 400 W x 90 D

See page 38 for full Document Box Range

Some part numbers within these ranges may be subject to MOQs



## Access Control



### Overview

The Infra-red request to exit device is designed for use in access control systems and provides a 'non-touch' means of requesting entry/exit.

### Features

- Non touch operation
- Low profile aesthetically pleasing design
- 12V – 20V dc operation
- Stainless steel face plate
- Adjustable latch time and IR detection range



Part Number	Item
AMS-EBIR3-RG	IR Request to Exit Device
AMS-EBIR-BOX-SS	Brushed Steel Metal Surface box
AMS-EBIR-BOX	Chrome Effect Plastic Surface box

*Some part numbers within this range may be subject to MOQs*



**Intruder**



**Overview**

The EN range of junction boxes feature a high reliability spring action micro switch for the lid tamper providing real peace of mind when connecting the tamper to the junction box.

**Features**

- Shrouded spring action microswitch tamper
- Clamp style terminals (except EN3-JB9-HD)
- Accommodates various wiring systems:
  - cable
  - trunking
  - conduit
- Available in white or brown (except EN3-JB26)
- 5 year warranty

	Part Number	Grade	Env Class	Dimensions: L x W x D
	EN3-JB7	3	II	93 x 25 x 26
	EN3-JB10			
	EN3-JB26		124 x 100 x 45	
	EN3-JB9-HD		III	94 x 40 x 25

**Approvals & Certification**

- PD6662:2010
- EN50131-1:2006

*Some part numbers within this range may be subject to MOQs*



## Intruder



### Magnetic Set Switch (SETSWITCH)



#### Overview

This device is a discrete ferrous metal sensitive switch.

#### Features

- N/O contact, momentary close by presenting metal tag
- 2 x screw terminal connections for N/O contacts
- Available in white and brown

Part Number	Dimensions
SETSWITCH	Flange 50 x 26 Body diameter 19, depth 33
SETSWITCH-BN	

### Push Set Switch (SS2)



#### Overview

This is a simple 'door bell' style push switch with LED indicator ring.

#### Features

- N/O contact, push to close
- Red LED bezel, 12V operation
- 2 x screw terminals connections for N/O push
- 2 x screw terminals for LED +12V/0V
- Available in white and brown

Part Number	Dimensions
SS2-W	Flange 48 x 26 Body diameter 19, depth 13
SS2-B	

*Some part numbers within these ranges may be subject to MOQs*





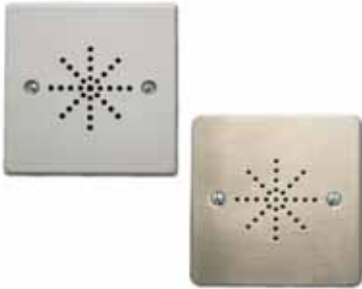
## Intruder



## Flush Extension Speakers

## Overview

A range of flush extension speakers designed to be used with all common Intruder panels. Offering a more aesthetic look compared to standard types.



## Features

- Flush or surface mount
- Single gang size
- White plastic or brushed steel options
- Provided with 16Ω speaker
- Tampered
- 3 year warranty

Part Number	Dimensions
EXTSP-16T-SS	87 H x 87 W x 20 D
EXTSP-16T-W	

Part Number	Accessory
EXTSP-BOX-SS	32mm Surface Box - Brushed Steel

## Extension Speakers

## Overview

A range of extension speakers for use in intruder alarm systems and retail security.



## Features

- 8Ω and 16Ω units available
- 20W rating
- Tampered Enclosure (16T Model)
- Polycarbonate enclosure
- 3 year warranty

Part Number	Dimensions
TS443-16T	110 H x 110 W x 55 D
TS443-16	
TS443-8	

Some part numbers within these ranges may be subject to MOQs



## General



Ideal for the safe keeping of important Fire & Security system documents & log books.

### A4 Document Boxes

#### Overview

A4 boxes formed from white powder coated steel with cam lock, whilst the slightly larger version also offers a bulldog clip for securing documentation.

#### Features

- All units are keyed alike
- Provided with 2 keys
- 5 year warranty



Part Number	Dimensions
A4-DOC-BOX	300 H x 235 W x 50 D
A4-DOC-BOX-CLIP	390 H x 250 W x 50 D

### Lever Arch Document Boxes

#### Overview

Document boxes that can accommodate Lever Arch Files. Formed from powder coated steel with cam lock.

#### Features

- Accommodates a Lever Arch File
- Provided with file securing cord
- All units are keyed alike
- Provided with 2 keys
- 5 year warranty



Part Number	Dimensions
LA-DOC-BOX	190 H x 205 W x 55 D

### Lockable Keypad Enclosure

#### Overview

Used for control panel keypads, a robust white powder coated steel enclosure designed to provide physically restricted and controlled access to keypads that are mounted in open access environments.

#### Features

- Lockable lid with removable key
- All units are keyed alike
- Pre-drilled internal mounting plate
- Hinged lid
- Left or right handed mounting applications
- 5 year warranty



Part Number	Dimensions
ELM-KEYPAD-BOX	190 H x 205 W x 55 D

**For Fire Document Boxes** refer to page 33

**Screen printing available** see page 43 for more information

*Some part numbers within these ranges may be subject to MOQs*



## General



## Overview

12V and 24V low profile flashing beacons utilising efficient LED technology for indoor and outdoor use.

## Features

- 12V and 24V dc versions
- Red, Blue, Amber and Clear lens options
- Twin thread or single threaded stud options
- 1Hz flash rate
- IP66 rated
- 3 year warranty



Part Number 12V dc Versions	Part Number 24V dc Versions	Lens Colour	Fixing
LPB12-A-S	LPB24-A-S	Amber	Single
LPB12-A-T	LPB24-A-T		Twin
LPB12-B-S	LPB24-B-S	Blue	Single
LPB12-B-T	LPB24-B-T		Twin
LPB12-C-S	LPB24-C-S	Clear	Single
LPB12-C-T	LPB24-C-T		Twin
LPB12-R-S	LPB24-R-S	Red	Single
LPB12-R-T	LPB24-R-T		Twin

Some part numbers within these ranges may be subject to MOQs



General



**PSU Interface Relay**

Overview

To control the output of a power supply by a remote source such as a fire alarm control panel. Available in two versions, it can be used in conjunction with any 12V dc or 24V dc PSU.



Features

- Multiple trigger options
- Stand alone device - easily installed within an existing PSU
- LED indication of relay status

Part Number	Dimensions
PSUIR-12	51 H x 60 W x 23 H
PSUIR-24	

**Fire FOM**

Overview

This range provides independent fused outputs which can be controlled by means of either a Volt Free contact (N/O or N/C) or a low voltage signal (12V dc/24V dc).



Features

- Multiple Trigger configurations
- Contact rating: 10A @ 12Vdc
- Each output selectable for switched or permanently on

Part Number	Dimensions
FIREFOM-12-4	4 way 12V Fire Relay
FIREFOM-12-8	8 way 12V Fire Relay
FIREFOM-12-12	12 way 12V Fire Relay
FIREFOM-24-4	4 way 24V Fire Relay
FIREFOM-24-8	8 way 24V Fire Relay

*Some part numbers within these ranges may be subject to MOQs*



## General



### Mains Relay Timer



#### Overview

A mains switching relay controlled from a 12V source with optional 2 – 40 minute timer for timed on or off function.

#### Features

- Timer or input follow modes
- Timed on or off option
- Pulse or latched trigger modes

Part Number	Dimensions
MRT01	124 L x 100 W x 45 D

### Multi Purpose Relay



#### Overview

Provides two sets of relay changeover contacts capable of being driven from a normal 12V supply or low current trigger input.

#### Features

- Switch load up to 1A at 24V dc
- Low current consumption
- Supplied with sticky feet for fixing

Part Number	Voltage	Dimensions
MPR001	12V	72 L x 26 W x 20 D
MPR002	24V	

*Some part numbers within these ranges may be subject to MOQs*



Make your product  
**STAND OUT!**



## Custom Designed Enclosures

Elmdene now offer a bespoke OEM enclosure service. Our team are on hand to work with you on implementing a completely individual design for metal enclosure housings, to meet your needs and specifications.

From concept to production, Elmdene will support at every stage to ensure the enclosure meets the requirements of your product. Whether you need it to suit outdoor or indoor applications, wall-mounted or rack-mounted; our service will provide a solution that will help bring your product to market.

Elmdene can offer a **Cost Effective** solution and **Short Lead Times** - typically 6-8 weeks (from design sign-off to delivery).\*

If you have a special requirement, please contact us to see how we can work together.

*\*MOQs apply and Lead Times are subject to project requirements*

### Why choose bespoke?



#### Designed to your specification

Our specialist design team will develop your enclosure to suit the requirements and application of your product, to any size, colour or shape.

#### Save money on development costs

Using our bespoke services will save time and money on developing a bespoke enclosure in-house and will free up your internal resources



## Have your products branded with your own company logo

Elmdene offer printing or a vinyl labelling service for most PSUs and Sounders, giving your products a professional look to enhance your company's branding.

All branding is done in-house by our specialist technicians who have expertise in printing the most intricate of logos.

Please contact us to find out more about this service.\*

*\*Subject to MOQs. Logo artwork to be supplied in compatible format.*



### Benefits of Branding Products with your Logo

- **Builds customer recognition and loyalty**  
Customers are more likely to choose a brand they recognise.
- **Provides competitive advantage**  
Attracts attention of potential customers.
- **Premium image**  
Projects an image of quality and reliability in your products.



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