



System Accessories

Batteries

Power Supplies

Door Release Equipment

Auxiliary Interface Relays

Frames & Document Boxes

Fire Resistant Cable

9.02

Batteries

Batteries



Product Codes	Voltage (V)	Ah at 20h rate	Length (mm)	Width (mm)	Height (mm)	Height including Terminals
PS-1221	12	2.1	178	35	60	66
PS-1230	12	3.0	134	67	60	66
PS-1270	12	7.0	151	65	94	98
PS-1212	12	12	97	42	51	54
PS-12650	12	65.0	348	167	178	178
PS-12380	12	38.0	197	165	170	170
PS- 6100	6	10.0	151	51	94	98
PS-12170	12	17.0	181	76	167	167
PS-12260	12	26.0	166	176	112	125
PS-1242	12	4.5	90	70	101	105
PS-12120	12	12.0	151	98	94	100

Order Codes

PS-1221	12 Volt 2.1 Ampere hour rechargeable sealed lead acid battery
PS-1230	12 Volt 3.0 Ampere hour rechargeable sealed lead acid battery
PS-1270	12 Volt 7.0 Ampere hour rechargeable sealed lead acid battery
PS-1212	12 Volt 12 Ampere hour rechargeable sealed lead acid battery
PS-12650	12 Volt 65.0 Ampere hour rechargeable sealed lead acid battery
PS-12380	12 Volt 38.0 Ampere hour rechargeable sealed lead acid battery
PS-6100	6 Volt 10.0 Ampere hour rechargeable sealed lead acid battery
PS-12170	12 Volt 17.0 Ampere hour rechargeable sealed lead acid battery
PS-12260	12 Volt 26.0 Ampere hour rechargeable sealed lead acid battery
PS-1242	12 Volt 4.5 Ampere hour rechargeable sealed lead acid battery
PS-12120	12 Volt 12.0 Ampere hour rechargeable sealed lead acid battery

24 V 5 A Power Supply Unit



This PSU is approved by IMQ to EN 54-4:1997 + A1:2002 and EN60950-1:2001. The steel housing contains a 5 amp switch mode power supply and monitoring board and has space to accommodate 2 x 12 V 17Ah sealed lead acid batteries. The 10 front panel LED's comprehensively indicate the status of the unit.

Features

- Robust metal housing
- Twin fused outputs
- Temperature compensated charging
- Deep discharge protection of batteries
- Fault relay output
- Comprehensive LED status indication

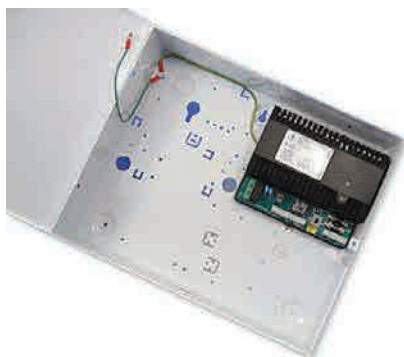
Technical Information

Dimensions:	408H x 383W x 97D mm
Weight:	4.3 Kg (excluding batteries)
Operating Temp:	-5°C to +40°C
Supply voltage:	230Vac 50/60Hz

Order Code

558.004.020	24 V 5 A Power Supply Unit with housing for 17A/H Batteries
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24 V 5 A Power Supply Unit



The new STX range of switch mode power supplies has been specifically designed for EN54 compliant fire systems.

Available in 2 A versions they are certified to EN54-4:1997, A1:2002 & A2:2006. The units include intelligent battery charging using Elmdene's efficient EcoCharge technology, possess mains & battery monitoring with independent voltfree outputs and also feature battery deep discharge protection in the event of a prolonged mains failure.

The inclusion of LED indicators provides quick diagnostics of the status of the power supply, while a variety of enclosures offer the installer a choice of standby battery backup options.

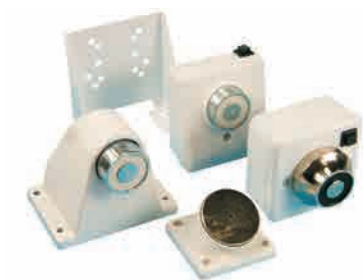
Order Codes

558.004.021	Compact Power Supply EN54 2A 7AH 24 Vdc (27.6V) 2A to load +0.3A battery charging Fit up to 2 x 7Ah batteries 275H x 330W x 80D - Hinged lid
558.004.022	Compact Power Supply EN54 2 A 17Ah 24 Vdc PSU (27.6 V) 2A to load + 0.3A battery charging Fit up to 2 x 7Ah batteries 420h x 400w x 80 x 80D - Hinged lid

9.04

Door Release Equipment





Door Release Magnets



Features

- Integral release button
- Attractive design
- Slimline ABS housed units
- Robust floor mounted unit

The door magnet range encompasses 2 metal and 2 ABS housed wall mounted and 1 floor mounted release magnet sets

	Description	Order Codes
	Door release magnet set, Wall Mount, Metal Housing, 24 Vdc 89x89x70 mm, 0.5 Kg, 180N Holding Force, 1.15W Coil @ 24 Vdc	3-59-0404-S001
	Door release magnet set, Wall Mount, Metal Housing, 230 Vac 89x89x70 mm, 0.5 Kg, 180N Holding Force, 1.15W Coil @ 230 Vac	3-59-0404-S002
	Door release magnet set, Wall Mount, ABS Housing, 24 Vdc 95x87x46 mm, 0.36 Kg, 200N Holding Force, 1.15 W Coil @ 24 Vdc	3-87-0351
	Door release magnet set, Wall Mount, ABS Housing, 230 Vac 95x87x46 mm, 0.36 Kg, 200N Holding Force, 1.15 W Coil @ 230 Vac	3-87-0352
	Door release magnet set, floor mount, ABS housing 24 Vdc 110x96x96 mm, 0.7 Kg, 200N Holding Force, 45 mA Coil @ 24 Vdc	3-84-0301
	Floor mounting bracket for adapting wall mounted door magnets to floor mount	2-34-035G-S001

Door Release Power Supply



The Transformer Rectifier is a dual purpose, smoothed power supply providing either an energised or de-energised output upon activation. The output may be activated by utilising a set of volt free contacts from a fire or security panel, or by providing a 12/24 Vdc trigger voltage from other apparatus.

The transformer rectifier units are normally used to control the operation of other 24 Vdc equipment such as magnetic door retainers. The units are ideal for applications where the supply is to be energised from a remote source.

Technical Information

Input Voltage	230 Vac 50Hz
Output Voltage	22 - 30 Vdc
Output Current	4 A Continuous
Temperature	-10C to + 40C
Relative Humidity	95% RH
IP Rating	IP41 (excluding rear face)
Material	1.2 mm white powder coated steel
Dimensions	200H x 230W x 80D mm

Order Code

558.004.010 ELM 24 V 4 A Door Holder PSU

Door Release Button





Order Code


519.001.008 Door Release Button

Door Release Button (white) supplied with surface mount backbox (black) for manual release of door magnets or door release units.

Boxed Relays

	Description	Order Codes
	Metal boxed heavy duty alarm relay with 25 A mains rated DPCO contacts. Available with either a 240 VAC 12 mA rated coil. Suitable for heavy duty switching applications.	567.007.008 (240Vac)
	RU1-24 This is a metal boxed auxiliary relay with 5A Mains rated double pole contacts with a 24Vdc 25 mA coil. This compact relay is suitable for interfacing a fire alarm controller to low current mains powered devices or contactors.	RU1-24

Relay Output Board

	Description	Order Code
	A1466 Relay Output Board Gold clad contacts 2A @ 24Vdc <ul style="list-style-type: none"> • DPCO • Coil resistance 2900 ohms • Operating current 8 mA @ 24 Vdc • Operating Voltage 17.5 - 30 Vdc • Terminals suitable for 2.5 mm² cable • 26 x 60 x 18 mm • Polarised and suppressed 	508.023.036

9.06

Fire Notice Frames & Document Boxes

Fire Notice Frames



These snap fit frames are used mainly for fire alarm zone charts and are available to fit A4 to A1 size drawings.

Order Codes

A4FRAME	Fire Notice Snap Frame A4 346 x 260 x 25 mm
A3FRAME	Fire Notice Snap Frame A3 475 x 350 x 25 mm
A2FRAME	Fire Notice Snap Frame A2 650 x 475 x 25 mm
A1FRAME	Fire Notice Snap Frame A1 890 x 645 x 25 mm

A4 Document Box



Order Code

557.202.629	Fire Document Box Zettler
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An A4 sized box ideal for the safe keeping of important fire system documents and log books. Formed from red powder coated steel with a cam lock. The box is branded Zettler with a white FIRE logo. 2 Keys are provided and all units are keyed alike.

Dimensions = 300H x 235W x 50D mm.

Fire Resistant Cable

DÄTWYLER Lifeline cable is suitable for fire alarms and emergency lighting where BS6387 and BS7629 standards are acceptable and meets the installation and performance requirements of:

- BS5839 Pt.1 for use in fire alarms
- BS5266 for use with emergency lighting
- IEC331 fire resistance

Lifeline is LPCB approved to BS6387 CAT CWZ and BASEC approved to BS7629.

Lifeline is low smoke, zero halogen, has an integral aluminium backed mylar tape screen with tinned drain wire and requires no special terminations, tools or ferrules for installation.

Technical Information

Construction

Conductor	Bare copper, solid or stranded to BS6360
Insulation	Special double layer insulation according to BS7655, E15
Inner Covering	High temperature resistant glass fibre tape
Screening	Al-Laminated tape with tinned copper drain wire, solid to BS6360
Outer Sheath	Flame retardant polyolefin compound according to BS 7655, LTS3

Technical Properties

Rated Voltage	300/500 V
Test Voltage	2000 V, 50Hz core/core 2000 V, 50Hz core/screen
Operating Temp	-15°C to +90°C
Core Colours	2 cores + earth: red, black 4 cores + earth: red,yellow,blue,black
Sheath Colour	Red or white
General Properties	Zero Halogen, no corrosive gases - IEC 60754-2, BS6425 part 1 Reduced fire propagation - IEC 60332 - 3, BS 4066 part 3 Minimum smoke emission - IEC 61034, BS7622 Insulation integrity - IEC 60331 (FE180), BS6387 (cat. CWZ)
Approvals	BASEC

Full details of Lifeline cable can be found in the DÄTWYLER Lifeline datasheets on the ZETTLER website (www.ZettlerFire.com).

DÄTWYLER offer a wide range of cable and safety cabling systems including complete safety cable systems to DIN4102 part 12.

The following DÄTWYLER Lifeline cables are held in stock at Tyco Fire Protection Products Letchworth warehouse, together with suitable P clips and glands. Cables are priced per metre but must be ordered in units of 100 metre. P clips and glands are priced each but must be ordered in packs.

Order Codes

DÄTWYLER Lifeline Cable				
Product Code	No. Cores	Core Size	Colour	Clips
599.048.020	2 + earth	1 mm	Red	P34 R
599.048.022	2 + earth	1.5 mm	Red	P34 R
599.048.023	2 + earth	1.5 mm	White	P34 W
599.048.024	2 + earth	2.5 mm	Red	P37 R
599.048.032	4 + earth	1 mm	Red	P37 R
599.048.034	4 + earth	1.5 mm	Red	P40 R
599.048.035	4 + earth	1.5 mm	White	P40 W
599.048.036	4 + earth	2.5 mm	Red	P43 R

DÄTWYLER Lifeline Fire Resistant P Clips & Glands			
Product Code	No. Cores	Core Size	Colour
599.048.000	50	P32	Red
599.048.001	50	P34	Red
599.048.002	50	P34	White
599.048.003	50	P37	Red
599.048.005	50	P40	Red
599.048.009	10	NG1	Red
599.048.010	10	NG1	White

9.8

Fire Resistant Cable

No. of Cores x Cross Section (n x mm ²)	Copper Content (Kg/Km)	Total Weight (Kg/Km)	Outer Diameter (approx. mm)	Calorific Potential (KWh/m)
2 x 1.0	19	75	7.4	0.16
2 x 1.5	29	97	8.2	0.18
2 x 2.5	48	141	9.6	0.24
4 x 1.0	39	114	8.6	0.23
4 x 2.5	96	223	11.3	0.37