## Table of Contents

# FERRULES

Ferrules are used to join the conductive electric fence wires permanently. This is a high security wire connection because it cannot be removed.

**Available in:**

Tinned Copper:

- 6mm is used with the galvanised 1.2mm wire

- 10mm is used with the galvanised 1.6mm and 2.0mm wires

- 16mm is used with the galvanised 2.24mm wire

Aluminium:

- 6mm is used with the 1.6mm aluminium wire

- 10mm is used with the 2.0mm and 2.5mm aluminium wire

304 Stainless Steel:

- 6mm is used with 1.0mm and 1.2mm stainless steel wires

- 10mm is used with 1.6mm and 2.0mm stainless steel wires

**Specifications:**

| Diameter | 6mm<br>10mm<br>16mm |
|---|---|
| Material | Aluminium<br>Stainless Steel<br>Tinned Copper |
| Packaging | 50 Pack<br>100 Pack |

| Stock Code | Description |
|---|---|
| EA-F6AFT | 6mm Aluminium Ferrules (bag of 100) |

# SPRING HOOK

The large tail hook is a quick fit hook used to connect a Nemtek Wire Tensioner to a flat or round bar insulator.

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Features:

- Stainless steel finish for long life expectancy

- Large tail designed to fit the Nemtek range of tension devices easily

- Fits easily and quickly onto the Nemtek round and flat bar insulators

Specifications:

| Material | Stainless Steel |
|---|---|
| Size | 2mm<br>2.5mm |

| Stock Code | Description |
|---|---|
| ES-H/LT | 2.0mm Large Tail Hook |

# DANGER WARNING SIGN

Warning Signs must be placed along the fence line to warn of the existence of an electric fence. In built up areas – These must be placed at 10m intervals along the fence, at gate ways or whenever there is a change of direction. In rural areas they must be placed at 100m intervals, at gate ways or whenever there is a change of direction.

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Features:

- IEC 60335-2-76 compliant design

- Double-sided

- Four quick-fit clips that fit on most diameter wires for quick installation and to prevent flapping and movement due to wind.

- Custom versions are available on request in both screen or pad print

Specifications:

| Material | UV stabilised plastic |
|---|---|

| Size | 200mm x 100mm |
|------|---------------|
| Colour | Yellow with black writing |

| Stock Code | Description |
|------------|-------------|
| EA-WRS2/N | Nemtek Warning Sign |

# MERLIN STEALTH

The Merlin Stealth single zone energizers are a powerful range that can be used from residential to high-end security needs. These energizers can be controlled by a tag and/or a keypad, and can be programmed to offer customised solutions.

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[Documents](Documents)

**Features:**

- 7.6 Joule output energy (single zone)

- Robust and flexible design for home, commercial and industrial security

- Built-in alarm monitors tampering or faults on the high voltage and earth fence wires

- Connectable to armed response radio or GSM module

- Lightning and power surge protection

- Intelligent power saving to extend battery life

- Easy-to-use tag included for controlling the energizer

- Optional keypad for controlling and programming the energizer. This allows the user to control the energizer remotely, with up to four keypads

- Powered by 240V mains and includes built-in battery for back-up power

- Two built-in gate alarm inputs to monitor if the gates are open or closed

**Specifications:**

| | |
|---|---|
| Enclosure size | L370 x W232 x D145mm |
| Weight | 4.8kg excluding battery (7AH) 7.0kg including battery (7AH) |
| IP rating | IPx4 |
| Operating temperature | -10°C to 50°C |
| Operating humidity | < 80% non-condensing |
| Electrical supply voltage | 240V |
| Typical power consumption | 27VA (normal operating conditions) |
| Standby Time | 6hrs (fully charged battery) |

| Energy output | 7.6 Joule (500 Ohms load) |
|---|---|
| Open circuit voltage | 8500V |

| Stock Code | Description |
|---|---|
| E-M18S/V1 | Merlin Stealth M18S Energizer |

# DRUID 25 LCD ENERGIZER

The LCD display in the Druid range makes information on the status and performance of the energizer quick and easy to read. Using the Adaptive Power Technology (APT) pioneered by Nemtek, these energizers offer a unique technology to detect how much power a fence can accept and handle before it starts to arc and waste energy. This maximises the power on the fence and minimises false alarms. Synchronisation between energizers can be achieved by using traditional network cabling or by the Druid synchronisation modules which use orbiting satellites and eliminate the need for cabling between the energizers.

Brochure

Software

Data Sheet

Documents

**Features:**

- Two 2.4 Joule independently monitored and controlled zones

- The robust and flexible design is ideal for residential, commercial, industrial and high-security sites

- Each zone can be set independently to be on/off or in high/low voltage modes

- Can be programmed into alarm sensor mode allowing it to be integrated into a separate burglar alarm system

- Four zones can easily be created by linking two Druid 25LCD energizers together using the Druid four-zone keypad

- Built-in alarm monitors tampering or faults on the high voltage and earth fence wires

- Connectable to armed response radio or GSM module

- Lightning and power surge protection

- Intelligent power saving to extend battery life

- Built-in gate alarm input to monitor if the gate is open or closed

- Optional keypad for controlling and programming the energizer. This allows the user to control the energizer remotely, with up to two keypads

- The relay expansion card can be used to increase the number of information outputs from the energizer

- Walk test mode for easy fence testing

- The LCD background colour changes to easily identify the fence condition

**Specifications:**

| Enclosure size | 400(L) x 270(W) x 125(D)mm |
|---|---|
| Weight | 5.7kg excluding battery (7AH) 8.0kg including battery (7AH) |
| IP rating | IPx4 |
| Operating temperature | -10°C to 50°C |

| | |
|---|---|
| Operating humidity | < 80% non-condensing |
| Electrical supply voltage | 240V |
| Typical power consumption | 18VA (normal operating conditions) |
| Standby Time | 24hrs (fully charged battery) |
| Energy output | 2.4 Joule per zone (500 Ohms load) |
| Open circuit voltage | 9000V |

| Stock Code | Description |
|---|---|
| E-DRUID/25/LCD | Druid 25LCD Energizer |

# DRUID 18 LCD-8J ENERGIZER

The LCD display in the Druid range makes information on the status and performance of the energizer quick and easy to read. Using the Adaptive Power Technology (APT) pioneered by Nemtek, these energizers offer a unique technology to detect how much power a fence can accept and handle before it starts to arc and waste energy. This maximises the power on the fence and minimises false alarms.

Documents

**Features:**

- 7.6 Joule output energy

- Ideal choice for long distance series electric fencing systems that require monitoring

- Robust and flexible design for home, commercial security, industrial and game security and control

- Built-in alarm monitors tampering or faults on the high voltage and earth fence wires

- Connectable to armed response radio or GSM module

- Lightning and power surge protection

- Intelligent power saving to extend battery life

- Easy-to-use tag included for controlling the energizer

- Walk test mode for easy fence testing

- The LCD background colour changes to easily identify the fence condition

- Powered by 240V mains and includes built-in battery for back-up power

- Built-in gate alarm input to monitor if the gate is open or closed

- Optional keypad for controlling and programming the energizer. This allows the user to control the energizer remotely, with up to two keypads

**Specifications:**

| Enclosure size | L370 x W232 x D145mm |
|---|---|
| Weight | 4.8kg excluding battery (7AH) 7.0kg including battery (7AH) |
| IP rating | IPx4 |
| Operating temperature | -10°C to 50°C |

| | |
|---|---|
| Operating humidity | < 80% non-condensing |
| Electrical supply voltage | 240V |
| Typical power consumption | 25VA (normal operating conditions) |
| Standby Time | 24hrs (fully charged battery) |
| Energy output | 7.6 Joule (500 Ohms load) |
| Open circuit voltage | 9600V |

| Stock Code | Description |
|---|---|
| E-DRUID/18/LCD | Druid 18LCD Energizer |

# WIZORD 2i-2J ENERGIZER

The Wizord energizers have been field tested for many years and boast unsurpassed reliability. Simple to install and easy to maintain.

Brochure

[Documents](#)

**Features:**

- 2 Joule output energy (single zone)

- Robust and flexible design for home security

- Built-in alarm monitors tampering or faults on the high voltage and earth fence wires

- Connectable to armed response radio or GSM module

- Lightning and power surge protection

- Intelligent power saving to extend battery life

- Easy-to-use tag included for controlling the energizer

- Powered by 240V mains and includes built-in battery for back-up power

- Built-in gate alarm input to monitor if the gate is open or closed

**Specifications:**

| Enclosure size | 285(L) x 212(W) x 120(D)mm |
|---|---|
| Weight | 3.1kg excluding battery (7AH) <br> 5.3kg including battery (7AH) |
| IP rating | IPx4 |
| Operating temperature | -10°C to 50°C |
| Operating humidity | < 80% non-condensing |
| Electrical supply voltage | 240V |
| Typical power consumption | 17VA (normal operating conditions) |
| Standby Time | 24hrs (fully charged battery) |

| Energy output | 2.0 Joule (500 Ohms load) |
|---|---|
| Open circuit voltage | 7400V |
| **Stock Code** | **Description** |
| E-WIZ2I | Wizord 2i Energizer |

# WIZORD 4i-W4i-4joule

The Wizord energizers have been field tested for many years and boast unsurpassed reliability. Simple to install and easy to maintain.

Brochure

[Documents](Documents)

**Features:**

- 3.7 Joule output energy (single zone)

- Robust and flexible design for home and commercial security

- Built-in alarm monitors tampering or faults on the high voltage and earth fence wires

- Connectable to armed response radio or GSM module

- Lightning and power surge protection

- Intelligent power saving to extend battery life

- Easy-to-use tag included for controlling the energizer

- Powered by 240V mains and includes built-in battery for back-up power

- Built-in gate alarm input to monitor if the gate is open or closed

**Specifications:**

| | |
|---|---|
| Enclosure size | 285(L) x 212(W) x 120(D)mm |
| Weight | 3.1kg excluding battery (7AH)<br>5.3kg including battery (7AH) |
| IP rating | IPx4 |
| Operating temperature | -10°C to 50°C |
| Operating humidity | < 80% non-condensing |
| Electrical supply voltage | 240V |
| Typical power consumption | 18VA (normal operating conditions) |
| Standby Time | 24hrs (fully charged battery) |
| Energy output | 3.7 Joule per zone (500 Ohms load) |
| Open circuit voltage | 8000V |

| Stock Code | Description |
|---|---|
| E-WIZ4I | Wizord 4i Energizer |

# FENCE LIGHT-TIMED LIGHT-GALV DARK GREY AND BLUE

The frequency of the flashing LEDs indicates the voltage level on the fence. The longer the period between flashes, the lower the voltage on the fence. The intensity of the light remains the same so it can be seen from far irrespective of the fence voltage. It is installed between the earth and live wire to indicate the status and condition of the fence for peace of mind.

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**Features:**

- Dark grey fence light for galvanised and aluminium wire

- Blue fence light for stainless steel wire

- Visible from up to 1km at night and 100m during the day

- No batteries required – uses minimal power from the fence

- Highly visible LEDs allow for a 160-degree viewing angle. This allows the light to shine into the secure area only

- Can operate from 0.9kV to 12kV

- Can be used with most electric fence energizers

**Specifications:**

| Material | Plastic and water tight compound |
|---|---|
| Steel wire connectors | Galvanised (Grey housing) Stainless Steel (Blue housing) |
| IP rating | IP67 |

| Flashing Rates | 1. Flashing normally rate over ~7.5kV<br>2. Flashing at 25% slower than normal between 7.5kV~3kV<br>3. Flashing at 50% slower than normal between 3kV~2.5kV<br>4. Flashing at 75% slower than normal when less than ~2.5kV |
|---|---|
| **Stock Code** | **Description** |
| SR-FL/TL/G | Grey Timed Fence light for galvanised and aluminium wire |

# DRUID 15 LCD-5J ENERGIZER

The LCD display in the Druid range makes information on the status and performance of the energizer quick and easy to read. Using the Adaptive Power Technology (APT) pioneered by Nemtek, these energizers offer a unique technology to detect how much power a fence can accept and handle before it starts to arc and waste energy. This maximises the power on the fence and minimises false alarms.

Brochure

Documents

**Features:**

- 4.6 Joule output energy (single zone)

- Robust and flexible design for home and commercial security

- Built-in alarm monitors tampering or faults on the high voltage and earth fence wires

- Connectable to armed response radio or GSM module

- Lightning and power surge protection

- Intelligent power saving to extend battery life

- Easy-to-use tag included for controlling the energizer

- Walk test mode for easy fence testing

- The LCD background colour changes to easily identify the fence condition

- Powered by 240V mains and includes built-in battery for back-up power

- Built-in gate alarm input to monitor if the gate is open or closed

- Optional keypad for controlling and programming the energizer. This allows the user to control the energizer remotely, with up to two keypads

**Specifications:**

| | |
|---|---|
| Enclosure size | 285(L) x 212(W) x 120(D)mm |
| Weight | 3.1kg excluding battery (7AH) <br> 5.3kg including battery (7AH) |
| IP rating | IPx4 |
| Operating temperature | -10°C to 50°C |
| Operating humidity | < 80% non-condensing |
| Electrical supply voltage | 240V |
| Typical power consumption | 18VA (normal operating conditions) |
| Standby Time | 24hrs (fully charged battery) |

| Energy output | 4.6 Joule (500 Ohms load) |
|---|---|
| Open circuit voltage | 9000V |

| Stock Code | Description |
|---|---|
| E-DRUID/15/LCD | Druid 15LCD Energizer |

# COMPRESSION SPRING

The Compression Spring 1 is used to maintain a constant tension on the electric fence wires. Wire tension on an electric fence will vary over time and the springs will maintain a constant force on the electric fence wires to keep them taut.

Brochure

Documents

**Features:**

- A plastic inner which eliminates galvanic reaction between dissimilar metals, reduces rust and increases the lifespan of the wire

- Can be used with any type of electric fence wire

- Standard tension compression spring (silver) which can tension up to 1.2 mm wire

- Stainless steel spring maintains constant tension on the fence

**Specifications:**

| Material | Stainless steel spring<br>UV stabilised plastic inner |
|---|---|
| Colour | Black<br>White |

| Spring Tension | Standard 5kg |
|---|---|
| Operating temperature | -40 to 80°C |
| Operating voltage | 0 – 12KV |
| Recycling | SPI 2 |

| Stock Code | Description |
|---|---|
| ES-CNT | Compression spring 1 Black |

# GATE CONTACT 2WAY-LUGS

The 2-Way Gate Contact is used for wiring live wires in series onto a sliding gate. The robust construction using stainless steel and brass makes it suitable for outdoor use in most climates. The large location plates allow for increased tolerance and easier installation.

Brochure

[Documents](Documents)

**Features:**

- Heavy duty design for all weather types

- Large location plates allow for increased tolerance

- Available with brass cable connectors or crimp lug connectors

- Available with an earth plate option with brass cable connectors

- Mounting bracket available

**Specifications:**

| Material | Brass<br>Stainless Steel<br>UV stabilised Nylon |
|---|---|

| Dimensions | Dimensions of Part 1: 80(L) x 60(H) x 118(D)mm<br>Dimensions of Part 2: 95(L) x 60(H) x 114(D)mm |
|---|---|
| **Stock Code** | **Description** |
| EA-SGC07 | 2-Way Gate Contact with crimp lug connectors |

# Stranded Galvanised Wire

Stranded Galvanised Wire is high tensile and hard to cut. The flexibility offered by the stranded wire construction makes working with this wire easier during installation and results in a neat clean look on the fence without compromising the fence's performance.

Brochure

[Documents]

**Features:**

- Easy to work with stranded wires

- Ideal choice for in-land use where corrosion is low

- High in tensile strength which is harder to cut

**Specifications:**

| Material | Galvanised Steel |
|---|---|
| Construction | Stranded |
| Elongation | 10 – 11% |
| Resistance | 1.2mm: 175 Ohms/km<br>1.6mm: 100 Ohms/km<br>2.0mm: 60 Ohms/km |
| **Stock Code** | **Description** |
| EW-T12/BB | 1.2mm Stranded Galvanised Wire 680m |