

CORE

Product Guide



Hawkins
ELECTRICAL LIMITED

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Product Library

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Quality

Through Experience

The eminence of Hawkins Electrical is a result of over five decades of commitment to the Leisure Industry. The company has gained more overall experience than any other supplier by bringing together world-wide expertise to provide clients with the most comprehensive service available in providing electrical distribution systems to Caravan Parks and Holiday Villages.

Hawkins Electrical was the first company to provide a specialist nationwide electrical service to the caravan park industry. This was soon followed by a specialist marina electrical service. In the late 1990s the caravan and holiday park industry saw sustained growth in electricity demand which led to the creation of an infrastructure division that specialises in high load operations and major networks.

HawkinsElectricals' commitment to providing these quality systems mean its designs have set the industry standards in the specialised field. The company has evolved and adapted to encompass all requirements for your bespoke Electrical Distribution needs.

Hawkins Electrical operates from their complex in Skegness that comprises of over 20,000 sq. feet of offices, storage, production and training workshops.

It is company policy that our Regional Managers are not only experienced, but also fully qualified to the latest regulations.

Designs, quotations and Certification are carried out on state-of-the-art computer systems and specially designed bespoke software unique to Hawkins Electrical.

There is a commitment to apprenticeships with the company recruiting an average of 4 apprentices every year with a further commitment to ensure our engineers meet the highest standards by continually updating their skills in on-site training workshops, which are the envy of all local colleges and assessment centres, along with outside establishments.

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Design

Manufacturing & Installation

Hawkins Electrical is proud to offer the most comprehensive design service for electrical distribution systems, associated hook ups and lighting installations, backed by over 50 years of experience.

At the start of any new design it is essential to carry out a detailed survey. Where required this includes looking at the adequacy of the incoming supply for present and future needs. The type of enquiry will govern the route and format of design work that will take place.

On a completely new project Hawkins Electrical will refer to in-house design criteria based on over fifty years' experience, to ensure the client will purchase the best of installations.

Where Hawkins Electrical are extending an existing installation, whether it be their own previous design or not, calculations will be undertaken to check what the effect will be on the existing system, and whether upgrade works may be required.

Success at Hawkins Electrical is the attention to detail provided at the design and tender stage. It is key to ensure there is a clear specification and job description so that the client fully understands in as clear terms as possible what is being provided, how it is being installed, and what the ongoing implications are in operating and maintaining the system.

When providing a quotation Hawkins Electrical provides a fully sectionalised quotation, so that the customer can see how the various costs are accumulated.

It is only when this part of the tender is understood that the client can establish whether alternative quotations are comparable.

Manufacturing & Procurement

To support the leisure industry, Hawkins Electrical carries one of the largest and varied stocks of components and equipment, enabling them to service operators as fast as possible and especially in emergency situations.

This is further enhanced by our dedicated hub office in the south west which is fully stocked for such situations. Direct employees of Hawkins Electrical are based across the country from the North East of England to Somerset, ensuring piece of mind for response times.

Installation Service

It is here that Hawkins Electrical leads the field, with the company's roots starting in electrical installations, upon which its present-day reputation has been built with the most accomplished teams of installers available to undertake work from small installations, to large site developments. These can comprise of main switchboards, main cabling, fused distribution equipment, sub-circuits, connection units and lighting. We also offer inspection and testing service along with fault finding.

Our designers and installation engineers are proud to be part of your team, to help you move forward in the leisure industry and grow from strength to strength.

Inspection Service

Legislation states that it is the responsibility of every Park & Marina Operator to ensure that their electrical distribution system complies with the current regulations. The Electricity Safety, Quality and Continuity Regulations (ESQCR) requires that all electrical distribution systems are installed and maintained in a safe condition, and that they are inspected and covered by Electrical installation Certificates for new work, or Condition Reports for existing installations.

Hawkins Electrical have fully trained technicians, using fully compliant and calibrated test equipment, who will provide an inspection report detailing any defects or deviations, and showing their recommendations for any remedial work that may be required on an existing system.

Providing that our technician is satisfied that the installation complies with the required regulations, a satisfactory report can be issued for the relevant period of time.

- Marina - Up to 1 year
- Touring Park - Up to 1 year
- Holiday Park - Up to 3 years
- Mobile Home Park - Up to 3 years

Some important aspects of any test and inspection are to establish that the system is correctly labelled, identify the circuit distribution, and check the integrity of control devices and earthing systems. Once the test is complete, the Park or Marina operator can relax in the knowledge that the installation has been thoroughly checked.

Whilst some companies operate a sample testing programme, Hawkins Electrical will ensure your entire Underground Electrical Distribution System is reported on.

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Infrastructure

Supply, Distribution & Metering

During the late 1990's it was clear the demand for electricity was dramatically increasing and many early distribution systems were struggling to cope with these requirements.

Parks and holiday villages were growing exponentially i.e. towns with thousands of supplies, so they required a service over and above what can be delivered by the average installer.

Recognising this requirement Hawkins Electrical formed an infrastructure division which was primarily made up of the industries leading personnel in major distribution networks, who are capable of designing, installing, altering, upgrading and fault finding on installations up to 20,000 kVA.

The investment made by Hawkins Electrical in providing this infrastructure division, shows again the high level of commitment it is prepared to make to give the owners of these networks peace of mind.

Failures and problems on this scale can all too often cripple a business and its reputation. Recovery at this level has to be fast, efficient and requires distribution technicians who have gained a wealth of experience through their career to achieve this.

Hawkins Electrical's range of switch boards and fused distribution units are built to accept the increased cable sizes that are normally associated with caravan parks and marina installations, where voltage drop must be combated.

When these distribution boards are installed, sufficient space must be left around them to provide a safe access to the equipment.

When ordering these main fused distribution boards, it is essential to allow for future expansion, and a general guidance rule is to allow for 25% extra space at the outset, which can be fitted with the switchgear in the future.

We offer a range of GRP mains room enclosures to cater for every size of distribution panel. These can be tailored to suit any site and location.

Our range of mains and distribution equipment can be tailored to the individual needs of developments. Our units are designed not only for present use, but with any future expansion in mind.

The sophisticated switchgear system conceals controls and cable terminations within lockable cabinet doors.

Switchgear available ranges from 63A to 1250A with units capable of receiving up to 630mm² single core incoming and 300mm² 4 core outgoing cables.



Infrastructure services offered by Hawkins Electrical include:

- System design - from arranging a new supply with the District Network Operator (DNO) to designing the low voltage distribution around the park.
- Design and manufacture of mains panels to suit individual site loadings.
- Design and supply of GRP mains rooms (pictured above). This includes design and construction of concrete bases for transformers and mains panels.
- Enhancement of existing park infrastructure to cater for future needs.
- Supply and installation of Cable

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FUSED DISTRIBUTION UNIT

The mainstay of the park electrical system, the Fused Distribution Unit offers safe, secure distribution and protection for multiple outgoing circuits utilising BS88 fuses, overcoming the unique circuit conditions within Holiday Parks.

The units are capable of allowing the termination of armoured underground cables to 300mm² 4 core, while providing the relevant protection to outgoing circuits.

Provision for time clocks, photocell lighting controls and ancillary equipment can be made during manufacture.

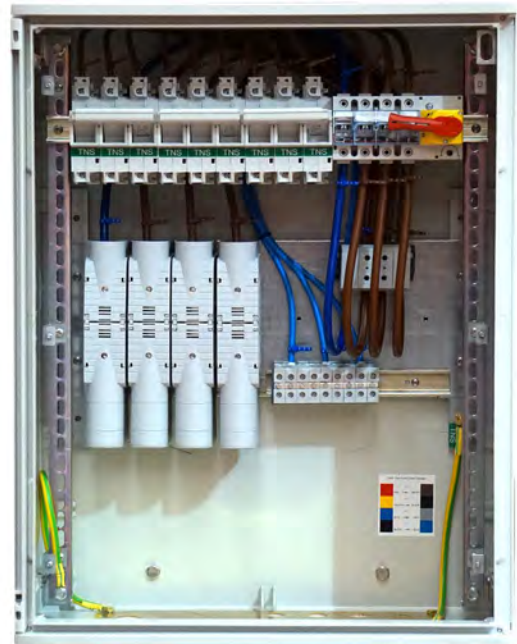
- FRP enclosure
- IP65 - IK08
- Fully customised installation
- Secure lockable enclosure
- 6A to 125A BS88 100kA fuses
- Available to carry up to 18 fuses
- Isolator control

Options

- MCCB & RCD protection available
- Time clocks
- Photocells for park lighting control
- Ancillary equipment provision
- Various mounting solutions

Finish Options

- Light Grey
- Forest Green





MULTIPLE METERING UNIT

- FRP enclosure
- IP65-IP08
- Fully customised installation
- Secure lockable enclosure
- MID approved meters
- Accommodates up to 15 meters

Options

- Various mounting options
- Photocell
- Timeclock
- 13A maintenance socket
- 16amp to 63amp
- RCD circuit protection available

Finish Options

- Light Grey
- Forest Green



SPLITTER

- Polypropylene construction
- IP55

Finish Options

- Light Grey

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Connection Units

Holiday Home, Residential & Touring Solutions

The humble connection unit has come a long way since it's inception by Hawkins Electrical. Our units are regularly upgraded to ensure they meet the latest electrical regulations.

Modern units feature interlocking sockets, full circuit protection and optional metering.

All our connection units and bollards are available with socket locking flaps for additional security.

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HH22

- Polypropylene construction
- IP55
- MID approved meter

Options

- 16A or 32A BS EN 60309 Sockets
- 16A or 32A MCBs
- Double terminals
- Stainless steel socket locking plate
- Various mounting solutions
- Polycarbonate reset flap
- TV/WiFi provision

Finish Options

- Light Grey



RHH23

- Polypropylene construction
- IP55
- Direct connection only
- MID approved meter

Options

- 40A or 63A 30mA RCDs
- 16A, 20A, 25A, 32A, 40A, 50A or 63A MCBs
- Various mounting solutions
- Polycarbonate reset flap
- TV/WiFi provision

Finish Options

- Light Grey

Holiday Home & Residential Connection Units



T-UNIT

- Polypropylene construction
- Polycarbonate reset flap
- IP55
- 16A BS EN 60309 Sockets
- 40A 30mA RCDs
- 16A MCBs

Options

- 32A available on request (1-2 way only)
- 1-4 sockets
- Metering up to 3-way
- Lockable reset flap
- Various mounting solutions
- Illumination
- Stainless steel socket locking plate

Finish Options

- Light Grey



MT RANGE

- FRP enclosure
- IP66
- 16A BS EN 60309 Sockets
- 40A 30mA RCDs
- 16A MCBs
- Lockable enclosure

Options

- 32A available on request
- Up to 2 sockets
- Metering up to 2-way
- Lockable reset flap
- Taps and shroud
- Illumination
- Stainless steel socket locking plate

Finish Options

- Light Grey

Touring & Ancillary CONNECTION UNITS



PARK ISOLATOR

- Polypropylene construction
- Polycarbonate reset flat
- IP55
- 32A or 40A 30mA RCDs
- Up to 63A MCBs

Finish Options

- Light Grey

OPTIONS

We offer a range of extras to customise our units to best suit the needs of the modern park operator.



BS EN 60309 Interlocking Socket - available in 16A & 32A



Socket Locking Plate



Analog Meter



Digital Meter



Reset Flap



Photocell

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UniBollard

All-in-one service solution

A fully adaptable service unit. The UniBollard's unique design allows for easy customisation, installation and maintenance. Now available with a range of finishes and more design options than ever before, the UniBollard provides rugged dependability you can rely on.

The UniBollard can be configured for use on touring or holiday home developments, on marinas and even as customisable signage.

- Injection moulded base and lid
- Extruded aluminium chassis
- Polycarbonate main panels
- IP44
- IK08
- LED 360° illumination
- Tamper proof internals
- Easy access to switchgear and utilities

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Customisation Options

- Up to 4x 16A or 32A BS EN 60309 interlocking sockets
- Stainless steel socket locking plates
- Up to 4x water points
- Polycarbonate reset flaps
- TV/WiFi provision
- Direct Connection option
- Full metering capability
- Water pipe heat trace to prevent icing

Additional Options

- Illuminated traffic management
- Illuminated area signage

Side Panel Finish Options

- Dark Grey (Gloss)
- Forest Green (Gloss)
- Avery Blue (Gloss)
- Black (Textured Matt)
- Beige (Textured Matt)



The UniBollard continuously evolves to ensure its place as the most adaptable service unit available.



Lighting

Scheme Design & Supply

A balanced, well designed lighting installation can enhance the appearance of any park, be it old or new.

Lighting units that are aesthetically pleasing by day and provide adequate, unobtrusive illumination by night increase safety and provide additional security, combating crime and vandalism.

The choice of lighting is essential in the realisation of any development. At Hawkins Electrical we understand the special skills that are required to achieve results. Our designer works alongside you to ensure all your needs are met and your park has the wow factor it deserves.

Streetlighting:

Lumley
Promenade
Drummond
Grosvenor

Low-level lighting

Regal
Embassy
Gibraltar

We offer a range of lighting solutions chosen for their style, reliability and effectiveness.

These include:

- Low level lighting bollards for light sensitive areas and pathways.
- Street lighting for areas where effective lighting is key.
- Bulkhead lighting for areas where space is tight, or services require illumination
- Floodlighting and uplighters for decorative areas and signage.



Certain products can be customised to give directional light, a feature that is particularly helpful when designing in wooded areas where animal welfare is a consideration.

We are also able to provide more specialist lighting solutions should your site development require something out of the ordinary.



Our designers create lighting schemes that offer the best balance between safety, aesthetics and environmental concerns.

Night time site surveys and accurate lux-level modelling are utilised to ensure dark spots are kept to a minimum while also ensuring the best value to you the customer.



Seacroft
Cuboid
Regal Wooden

Ancillary Lighting
Focus
Crest
Oval



LUMLEY

- Luminaire Lumens 2992
- LED
- 60mm Spigot
- IP66
- Power 22W
- 4000K
- 5m optimum mounted height
- Die-cast aluminium construction
- Assymetric optic

Options

- Stirrup or side-entry mounting (Stirrup shown)
- Photocell



ECO-RAYS

- Luminaire Lumens 4380
- LED
- 60mm Spigot
- IP66
- Power 42W
- 4000K
- 5m optimum mounted height
- Die-cast aluminium construction

Options

- Stirrup or side-entry mounting (Stirrup shown)
- Photocell
- Symmetric or assymetric optic



DRUMMOND

- Luminaire Lumens 2670
- LED
- 76mm Spigot
- IP65
- Power 35W
- 4000K
- 5m optimum mounted height

Options

- Photocell



GROSVENOR

- Luminaire Lumens 4200
- LED
- 60mm Spigot
- IP65
- Power 42W
- 4000K
- 5m optimum mounted height
- Shock proof resin construction

Options

- Photocell
- 76mm spigot adaptor

All of our streetlights use the latest LED technology to ensure class leading efficiency and longevity.

Columns available
Galvanised Steel
Anthracite



REGAL

- Luminaire Lumens 1750
- LED
- IP66
- Power 24W (Dimable)
- 3000K
- LED lifetime up to 50,000hr L80
- Rooted flange plate mounted
- 1000mm installed height
- 180° optic option available

Finish Options

- Graphite Grey



EMBASSY

Finish Options



GIBRALTAR

- Luminaire Lumens 1340
- LED
- IP65
- IK10
- Power 20.1W
- 4000K
- LED lifetime up to 50,000hr L80
- Rooted flange plate mounted
- 1015mm installed height

Finish Options

- Black
- Titanium



SEACROFT

- Luminaire Lumens 1650
- LED
- IP66
- Power 32W
- 4000K
- LED lifetime up to 50,000hr L80
- Rooted flange plate mounted
- 1000mm installed height

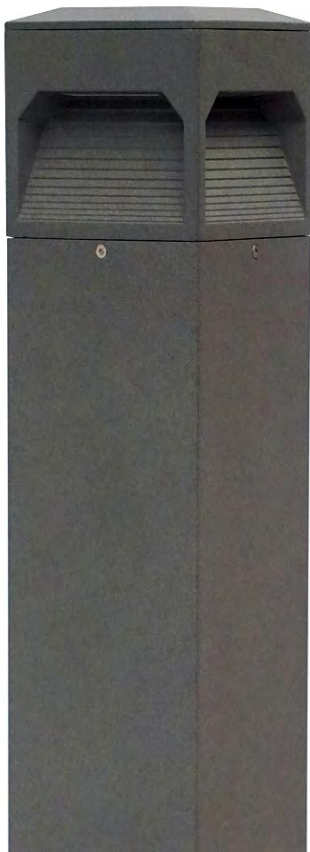
Finish Options

- Graphite Grey

Our range of Low-level lighting bollards have been chosen for their style, reliability and robustness.

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CUBOID

- Luminaire Lumens 1800
- LED
- IP65
- Power 23.5W (Dimable)
- 4000K
- Rooted flange plate mounted
- 1000mm installed height

Finish Options

- Grey



REGAL WOODEN

- Luminaire Lumens 1105
- LED
- IP65
- Power 25W
- 4000K
- LED lifetime up to 50,000hr L70
- Rooted flange plate mounted
- 1000mm installed height

Finish Options

- Natural Opepe/Lead/Anthracite



CREST Bulkhead Light

- Polycarbonate construction
- Luminaire Lumens 600
- LED
- IP65
- Power 8W
- 4000K
- Wall or bracket mounted
- Available in Photocell, PIR & HI-LO PIR

Finish Options

- Black
- Titanium
- White



FOCUS Uplighter

- Die-cast Aluminium body
- 8mm toughened glass
- Stainless steel trim
- Luminaire Lumens 910
- LED
- IP67
- Power 14W
- 3000K
- LED lifetime up to 30,000hr L70
- Upward or angled illumination available
- Sleeve mounted



OVAL Bulkhead Light

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Finish Options

Perfect for illuminating signage and decorative features or providing essential lighting to functional areas such as bin bays or toilet blocks.

Ancillary
Lighting



Heath Road
Skegness
Lincolnshire
PE25 3ST

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