

# Product Pipeline

New technologies and solutions  
November 2024



NHP



NHP always strives to innovate, whether its through our relationships with world leading global manufacturers, our own engineered solutions or even the way we inform and communicate. In that vein, we're launching our Pipeline series, which will provide periodic updates on all the latest products and services NHP is introducing into the market.

This information guide is designed to keep electrical contractors and wholesalers up to date with all major relevant activity.

**MARK PATTISON**  
Chief Sales Officer, NHP

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# Product Selectors

## Try out new online product selector tools

We have an array of new product selectors to help you choose the products which best suit your needs. These new tools cover enclosures, motor control and protection, power distribution, automation software, distributed I/O, emergency and exit lighting, EV infrastructure and more.

Try them out! →



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# Real Time Manufacturing

## Real time status info for your manufactured item orders!

NHP are thrilled to announce the launch of a new website feature designed to deliver efficiency to our customer partners through greater transparency. Our commitment to customer satisfaction continues to drive our digital development, with the latest release including real-time status messaging for manufactured solutions offering detailed information at a glance.

Here's what you can expect to see:

- Messages with up-to-the-minute information ALREADY LIVE on your backorders page, order details page and via our Virtual Agent
- Specific messaging templates for Custom Panelboards, ACBs, kits and manufactured to order solutions
- Insight into the process stage of the manufacture, including the status of drawings (where applicable)
- The completion date is included in the message the instant your item is scheduled for manufacture
- Your Project Coordinator's name and contact details are made available if further information is required

This feature was developed based on feedback gathered directly from our customers, with the aim of keeping you informed, engaged and reassured every step of the way.

To take advantage of this and many other features designed specifically to make your business more efficient - please visit [nhp.com.au/registration](https://nhp.com.au/registration) to register today!

# MOD6+


**NHP** CERTIFIED  
 C CURVE 6.00kA  
 AS/NZS TESTED

## MOD6+ the next generation of circuit protection

NHP would like to introduce the next generation of MOD6 circuit protection being MOD6+. The new MOD6+ circuit protection range has been expanded and is backwards compatible with existing MOD6 circuit protection products and MOD6 compatible loadcenters and panelboards.

### MOD6+ Focus Product: Compact RCBO switched neutral with pigtail

The new MOD6+ circuit protection includes pigtail style compact RCBOs making it easy for all type of applications, be it a new install or retrofit. The NHP MOD6+ compact 1P RCBO can be mounted next to existing MCBs and simple feed by standard busbar. Also, it's just as easy to retrofit by removing an MCB and replacing it with the RCBO, as it has the same form and fit.

#### Key features and benefits

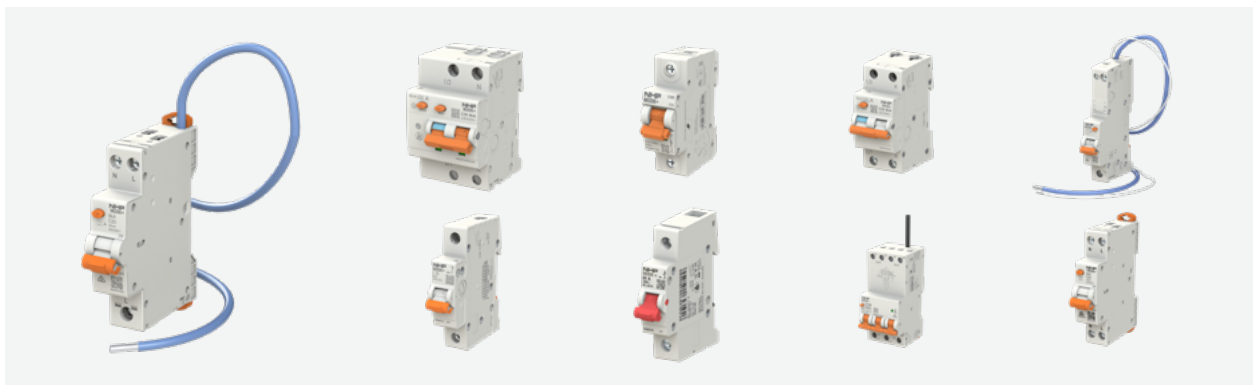
- Retrofittable with MCB (same size and length)
- Switched neutral
- Easy neutral pigtail connection
- 10mA and 30mA earth leakage sensitivities
- 6A to 32A in C curve
- Can be used with standard pin type busbar comb that comes complete in NHP loadcentres
- Can also be used with fork type busbar com
- Suitable for both loadcentres and panelboards

#### Applications

- Commercial
- Domestic

#### Part Numbers

- MD6RSxx10A for 10mA – body protected areas or high risk applications
- MD6RSxx30A for 30mA – general light and power applications
- New 13A 30mA model
- xx = 06, 10, 13A, 16, 20, 25 & 32



# Stanilite NexusRF Infinity

Stanilite NexusRF Infinity is the optimum technology in wireless system monitoring, using a proprietary protocol for radio frequency wireless communication between the fittings and network infrastructure.

This technology enables customers to set-up, maintain and control their entire emergency lighting installations digitally. It provides a real-time overview of your system which in turn saves time, enables better maintenance practices and enhances building safety.

It provides a digital overview through a mobile optimised web interface, giving users instant information that can be processed directly from a smart device to assist resource planning and enhance building safety.

Installers realise significant time and cost savings with features such as mobile phone commissioning and report distribution. Those smarts continue into long-term operations and maintenance value via easy integration with building management systems. [Find out more →](#)

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## Key features and benefits

- Tap'n'scan method saves cost and time. Thanks to tap & scan technology, the commissioning of emergency lighting can be done simply by using a smart device with a camera and NexusRF Infinity. This avoids the lengthy, error-prone manual spreadsheet process.
- The product can be commissioned on the go without power. The process can also be done before there is power to your site, which means that physical data cables and server computers can now be a thing of the past during commissioning. NexusRF Infinity allows you to set-up, maintain and control emergency lighting with the tap of a button.

## Applications

- Health
- Education
- Defence
- Commercial
- Government
- Retail
- Carparks



# Single Point Unit Range

For more than 45 years Stanilite® has been recognised as the market leader and a trusted brand for quality and innovative emergency lighting fixtures and monitored systems. Over this period we have continually developed leading edge products guided by our core values of providing the Australian emergency lighting market with the safest, most reliable, environmentally friendly, energy efficient emergency lighting fixtures. It was with these guiding principles we developed our two ranges: Platinum range, for lowest cost of overall ownership, and Stanilite Economy range: the most cost effective and reliable fittings on the market to perform the six monthly mandatory testing of emergency lighting. [Visit page →](#)

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## Key features and benefits

### E-Range

- LED technology
- Extensive range
- Lithium iron phosphate batteries
- Compliance to latest AS/NZS 2293.3:2018

### P-Range

- AS2293 tested high quality emergency product
- Reliable Stanilite brand
- LED energy efficient products
- 10 year product design life
- Lithium iron phosphate batteries
- Advanced power management
- Low maintenance products
- Nexus® monitored products available

## How to book a demo

Speak to your local NHP Account Representative



# COB LED Spitfire

'Chip on board' (COB) LED technology is the latest innovation in lighting and display products. The benefits it can deliver are huge, but it's still an unknown quantity for many.

COB LED technology allows the number of LEDs placed in any given area of a display to be far higher than other LED packaging approaches. This creates a higher intensity of light density to be emitted from a smaller area than what is possible from single surface mount LEDs used by the rest of the market.

NHP has integrated the COB LED technology into our Stanilite Spitfire range, with a host of features and benefits such as:

Wide area optics - COB LEDs offer uniform light distribution, minimising glare and enhancing visual comfort;

Reduced failure rates - fewer welding points and direct chip mounting contribute to lower failure rates;

Brighter than previous technology due to the compact LEDs utilised - COB LEDs can pack numerous light sources into a compact area, resulting in significantly increased lumen output per square inch;

Efficiency and heat dissipation - COB LEDs use a single circuit with minimal components, reducing heat generation. The ceramic/aluminium substrate acts as an efficient heat transfer medium when coupled with an external heatsink.

COB LED technology is improving the emergency exit lighting range. To learn more about this innovative technology, please contact your local NHP Account Representative. [Visit page →](#)





# NTU

## NTU Training Returns!

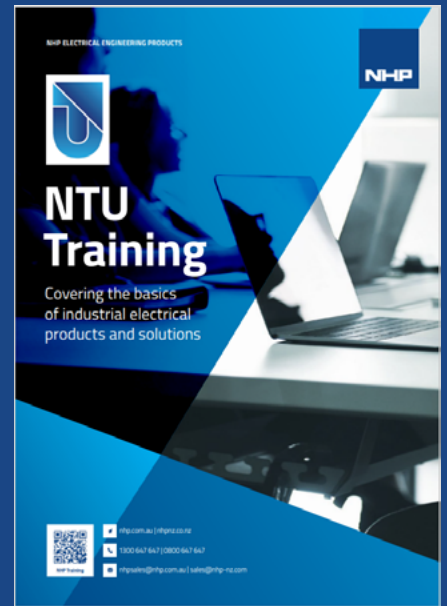
Gaining a basic understanding of the wide array of products in this industry can be costly and time-consuming, deterring many from undertaking necessary training. NTU is the alternative solution, covering the basics of industrial electrical products and solutions.

With 18 different modules, NTU covers the basic introduction on how a product works, examines the different versions of a product and the main rating which are primarily used in product selection. Furthermore, learn the different product ranges and part numbers through a walkthrough of our product selection process.

NTU is flexible where training can be conducted in person by arrangement or remotely at a time that suits you.

To access NTU modules, please reach out to your local NHP Account Representative.

[Download flyer →](#)



# Delivery Services

Your choice of local transport options to suit you.

We've been listening to your feedback and have made some changes to our delivery options. We have removed some fees and introduced efficiencies as part of our ongoing commitment to providing exceptional customer service.

Starting 11 November 2024, here's our new delivery fee structure:



**Accelerated Service**  
\$50 fee

- Same day dispatch\*
- Fastest freight service (air freight under 10kg where applicable)
- Pick up orders
- Air freight over 10kg, next flight or same day delivery to be quoted by NHP



**Standard Service**  
No additional freight charge

- Delivered by NHP's chosen courier
- Dispatch within 24 – 48 hours (for stocked items)



**Breakdown Service**  
\$350 fee plus freight

We continue to offer an after hours breakdown service, so NHP is always there to assist when you need us.

\*See terms and conditions below.

[Terms and conditions →](#)

# Sprecher+Schuh D7 22.5mm Operator Control

This demo board displays Sprecher + Schuh's robust D7 operator control devices, offering flexibility and extensive options for all applications. The 22mm line is modular and easy to assemble, with two body styles to suit different needs. Both operators are low-profile, stylish, and built for rugged performance in demanding environments. The board highlights top configurations, with a wide range available at NHP. [Download brochure →](#)

## Key features and benefits

The board showcases pushbuttons, pilot lights, selector switches, emergency stop, and more. A descriptive text is provided to highlight some of the key features of the range, including their look, feel, design, and modularity. See below some of the key features of the D7 operator control range.

### Two Operator Types

- Plastic operator with captive front bezel
- Metal operator with die-cast zinc housing and captive shiny metal bezel

### Quick and easy Installation

- Tool-less mounting latch for quick assembly
- Anti-rotation tab for one person installation
- Snap-on back panel components

### Environmental Ratings

- IP65 / IP69
- Chemical resistant industrial grade thermoplastic body
- Corrosion and UV resistant

### Long Electrical & Mechanical Life

- Up to 10 million mechanical operations
- Up to 10 million electrical cycles
- Available to order as fully assembled or by individual component

## How to book a demo

Contact your local NHP Account Representative, call 1300 647 647 or email us at [nhpsales@nhp.com.au](mailto:nhpsales@nhp.com.au). The demo is based in Richmond NHP head office.



# Allen-Bradley 800T/H 30.5mm Operator Control

This interactive demo board showcases the Allen-Bradley 800T/H range of 30.5mm operator control devices which stand apart from the rest. Engineered and built to excel in challenging industrial environments and applications, these buttons combine bold design with practical functionality. Their modular design allows for various combinations to be configured in a quick and easy way. With their rugged yet appealing construction, Allen-Bradley's 30.5 mm push buttons represent a reliable solution for use in industrial control panel designs.

## Key features and benefits

The board features popular operator control devices. Key aspects like ratings, durability, and design are highlighted. Below are key features of the Allen-Bradley 800T/H Operator range.

### Solid-Colour Button Cap

- Thermoplastic polyester resin delivers excellent resistance to corrosive agents/colour identification is never lost (no insert to lose)

### Actuator Shaft

- Rugged, dependable performance assured by zinc alloy casting

### Operator Bushing

- Die cast zinc alloy gives strength and stability in installation

### Return Spring

- Stainless steel formed wire delivers consistent operation and long life

### Riveted Construction

- Operator bushing, diaphragm seal and base plate are secured together by four steel rivets, providing durability and temper resistance

## How to book a demo

Contact your local NHP Account Representative, call 1300 647 647 or email us at [nhpsales@nhp.com.au](mailto:nhpsales@nhp.com.au). The demo is based in Richmond NHP head office.



# Multipump Demo

The Multipump demo is designed to showcase the capabilities of Rockwell Automation's PowerFlex drives, Dynamix condition monitoring system, CompactLogix PLC, ASEM Industrial PC and PlantPAx system.

The Multipump demo consists of a set of pumps being used to cycle water through the main tank via several manual valves. It is called the 'Multipump' because there are three pumps in the system, which work together to push the water around. Aside from pushing the water around, there is monitoring of the water flow through the pipes and a pressure sensor near the valves. There is also a vibration sensor on each of the pumps, which can be used for condition monitoring.

Visit demo page →

## Key features and benefits

- The main purpose is to demonstrate a closed loop control system, where the pressure is monitored and kept at a constant set point by automatically turning on and off the pumps and varying their speed to keep the pressure constant. The system responds to changes in pressure from adjusting the manual valves and the set point. All areas can be accessed and controlled on the ASEM 6300 Panel PC.
- Other features such as lead/lag/standby control, condition monitoring and automatic device configuration (ADC) can also be demonstrated.

## How to book a demo

Contact your local NHP Account Representative, call 1300 647 647 or email us at [nhpsales@nhp.com.au](mailto:nhpsales@nhp.com.au). The demo is based in Richmond NHP head office.

## Products Used

<b>PowerFlex 755TS (IP20, IP54 and Flange Mounted)</b>
Flange Mount (IP20 Front, IP66 Back/Heatsink)
ASEM Industrial PC
CompactLogix PLC
Dynamix Condition Monitoring
Rockwell PlantPAx System
Stratix Managed Network Switch
Prosoft Remote Gateway



# NHP EnergySync™ EV Load Management (EVLM) System

**NHP** EnergySync™ EVLM system is designed to manage the load of multiple electric vehicle (EV) chargers, ensuring efficient and safe use of a building's electrical infrastructure. This system dynamically regulates the power output of EV chargers based on real-time demand and available capacity, preventing potential power outages and optimising charging efficiency. [Download brochure →](#)

## Key features and benefits

- **Dynamic Load Management:** The system continuously monitors and adjusts the power allocation to each charger, ensuring optimal use of available power.
- **Scalability:** It supports up to 24 charging points using the Open Charge Point Protocol (OCPP 1.6J), with connections established via Ethernet.
- **Integration:** The system interfaces with upstream energy meters through the Modbus TCP protocol, allowing seamless integration within existing electrical distribution setups.
- **Modes of Operation:**
  - **Dynamic Mode:** Monitors both EV charger energy use and building load, adjusting charging rates during peak demand to prevent overload.
  - **Static Mode:** Monitors only the energy use of the EV chargers, adjusting charge rates based on predefined limits.
- **Efficiency:** By dynamically adjusting power allocation, the system ensures efficient use of the power supply while maintaining EV charging services.
- **Safety:** Prevents overloading of the electrical infrastructure, reducing the risk of power outages.
- **Cost-Effective:** Helps reduce infrastructure costs by managing demand and optimising power usage.

## User Interface

- The system can be monitored and controlled via a web browser, providing real-time status updates on the EV chargers, energy meters, and overall load management.

## Applications

- Available in 6, 12 and 24 charger point version, NHP EnergySync™ EVLM system is a robust solution for managing the diverse demand for EV charging infrastructure, ensuring both efficiency and safety in power distribution.
- NHP EnergySync™ EVLM can seamlessly be integrated into NHP Concept EV distribution boards or in a separate enclosure when retrofitting into an existing installation.





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