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Specialists in electrical and automation products, systems and solutions

Autumn 2017

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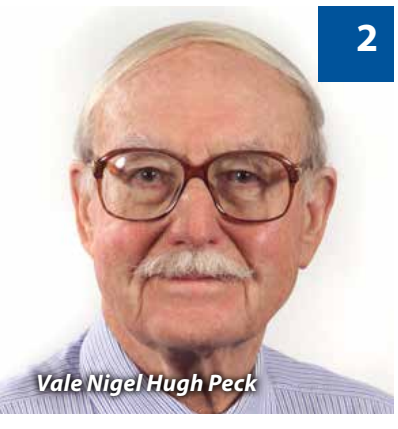

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EDITORIAL

Cloud Computing and the rise of Software as a Service

Cloud computing and Software as a Service (SaaS) are two trends that continue to gain momentum and promise to positively impact the electrical industry. While there is some conjecture about who first came up with the term "cloud computing", what we do know is that it first started to appear in the mid 1990's and has been gaining steam since then.

So what is cloud computing?

The term "cloud computing" in simple terms means storing and accessing data and programs over the internet instead of your computer's hard drive. It goes back to the days of flowcharts and presentations that would represent the gigantic server-farm infrastructure of the internet as nothing but a puffy, white cumulus cloud.

What cloud computing is not about is your hard drive. When you store data or run programs from your PC's hard drive, that's called local storage and computing. Everything you need is physically close to you, which means accessing your data is fast and easy, for that one computer, or others on the local network. Working off your hard drive is how the computer industry functioned for decades.

The cloud is also not about having dedicated servers or storage devices networked within your business or residence. Storing data on a home or office network does not count as using the cloud. For it to be considered cloud computing you need to access your data and programs over the internet.

Historically, the cost to implement fast networks was a key limiting factor in moving to cloud computing. We have observed significant advancements in communications technology in recent years, with networking speeds increasing significantly and the proliferation of wireless and mobile data networks giving rise to a new level of flexibility in the way we access programs and data.

What does this mean for business? In particular, we will focus on the emergence of SaaS - which means running your application software in the cloud and subscribing to it like you would for a service. The question is why would a business use the SaaS model over the traditional approach of buying, building and maintaining IT infrastructure and software on-site?

SaaS gives companies an alternative. Now, they can connect and subscribe to services built on shared infrastructure via the internet. The uptake of the SaaS model has grown significantly in recent years because of the many benefits it offers to businesses of all sizes and types. Here are some of the key advantages driving industry to implement SaaS solutions:

Lower up-front investment

With SaaS applications, customers avoid the large initial investment in IT infrastructure and the day-to-day responsibility of maintaining that infrastructure. SaaS applications are typically subscription based, without up-front license fees that results in lower initial costs. Having the SaaS provider manage the IT infrastructure means lower IT costs for hardware, software, and the people needed to manage it all.

Ease of deployment and platform independent

Most modern SaaS applications are accessed by the user through a standard web browser. This means that there is little or no requirement to deploy application software on the user PCs across the organisation. Given the use of web browser technology, SaaS applications can be accessed from a range of devices including PCs, tablets and mobile phones .

Scalability

As SaaS applications are subscription based, you only pay for what you need. You can start with a limited subscription and expand or reduce the subscription to suit your needs over time.

Accessibility

SaaS applications are available from any computer or any device any-time, anywhere. Most people are familiar with using the internet to find what they need, resulting in SaaS apps tending to have high adoption rates, with a lower learning curve.

Painless upgrades and minimal maintenance headaches

The SaaS provider manages the updates and upgrades, leaving no patches for customers to download or install. The SaaS provider also manages availability, so there's minimal need for customers to add hardware, software, or bandwidth as the user base grows.

Disaster Recovery

Like local IT installations, SaaS vendors must also consider the occurrence of a disaster and how to recover from it. Continuity of business is the key concept, which most SaaS vendors will plan with you to address. A Recovery Time Objective may be negotiable, utilising advanced cloud features such as geo replication and resiliency. The SaaS vendor should be able to offer services to generate backups with a frequency that makes sense for the business process to achieve the desired Recovery Point Objective. All this can occur as part of the SaaS service, unloading the requirement for your own people to execute.

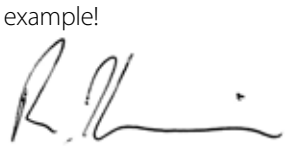
What about the electrical industry?

One of the key differences between the IT industry and the electrical industry is the large array of different field devices that need to be connected - the so called "Internet of Things" or IoT. Whilst the IT industry largely connects PCs and servers together, the electrical industry works with devices such as energy meters, variable speed drives, sensors and actuators, PLCs and circuit breakers, to name a few.

With communications enabled devices becoming commonplace, combined with readily available wireless and mobile data networks, the task of connecting field equipment to the cloud in a cost effective manner has become a reality.

Combine this with application software running in the cloud and we are now at a point where real-time monitoring of electrical assets, not only within the four walls of a single site, but across multiple sites, multiple regions and countries is achievable.

Whilst modern SaaS systems are secure and robust, and disaster recovery options can accommodate many cases, there will still be some trepidation in moving some software to a cloud service. SaaS makes perfect sense for some business processes, others perhaps not. But where it does make sense, NHP is committed to leveraging these new technologies and providing innovative products and solutions that help our customers and their operations – our back page feature article on the newly released NHP InfoSyte platform is just one example!



Richard Harrison

Chief Technology Officer, NHP

COMPANY NEWS

Vale Nigel Hugh Peck

The following is a statement from the Chairman of NHP Holdings Pty Ltd, David Thomas, regarding the passing of Nigel Hugh Peck AM.

With great sadness I inform you that our company's founder, Mr. Nigel Hugh Peck AM passed away at 2pm on Saturday 1st April surrounded by his family. He was 89 years of age.

In 1968 Nigel founded NHP to fill a gap he identified in the market for a specialist organisation offering the highest quality switchgear, advice and service to the Australian and New Zealand markets.

After presiding over NHP's expansion of its operation across Australia and into New Zealand, Nigel retired as Managing Director in November 2002. He continued as Chairman of NHP Holdings Pty Ltd - a position he retired from in May 2013. He remained a director of the company.

In addition to Nigel's admired business acumen, his strong sense of social responsibility saw him undertake a number of philanthropic pursuits supporting various causes and initiatives across Australia.

The extent of his work was formally recognised in June 2004 when he received an Order of Australia which cited his services to the electrical industry and wider community as a business leader and mentor.

NHP is committed to continuing its operation as a privately held, 100% Australian owned company now and into the long term future.

David Thomas

Chairman NHP Holdings Pty Ltd

COVER STORY

Plummers Industries and NHP partner on billion dollar mine project

In late 2015, Rio Tinto announced it would expand output from one of the world's premier bauxite deposits - the Amrun project. The approved $1.9 billion project involves the construction of a bauxite mine and associated processing and port facilities on the Cape York Peninsula approximately 40 kilometers south of the Embley River near Boyd Point.

Forming one of the largest privately owned electrical switchboard manufacturers in Australia, the family owned Australian Company, Plummers Industries, was recently awarded the contract to supply the Motor Control Centres (MCCs) for the Amrun project. When it came to choosing a supplier to help with the delivery of the MCCs in terms of both products and engineering support, Plummers looked no further than a company who, like them, are locally owned and based and could bring a strong market understanding to the project – that company was NHP.

For Plummers, the project consists of the supply of 27 'PI Insulsafe' switchboards – a switchboard unique to Plummers. The PI Insulsafe switchboards are a fully modular system which allows customised switchboards and MCCS to be manufactured quickly and cost effectively using standard components – for this project they fitted these boards with NHP components.

Such components consisted of Terasaki MCCBs for feeder units and Type 2 co-ordinated motor starters including Sprecher + Schuh contactors, combined with the Allen-Bradley® E300 Motor Protection Relays.

The PI Insulsafe fully insulated and arc proof switchboard systems are designed, built and tested in Australia to meet Australian conditions and comply with the latest Australian and IEC standards. This testing was undertaken with these NHP components in Australia for short circuit withstand, arc fault containment, and temperature rise.

Furthermore, this switchboard system takes switchboard safety to a new level offering a board with arc proof zones, reducing the probability of an arc flash by insulating and segregating the conductors and providing segregation of the functional units. As a backup to prevent burns to electrical workers and operators, arc fault containment testing has been carried out in accordance with the latest standards.

"Today's fast track projects sometimes require changes to the switchboard's layout during the late stages of manufacture, or even during commissioning," said John Kirkland, Technical Sales Manager at Plummers Industries.

"With that in mind, the PI Insulsafe switchboards are specially designed for easy reconfiguration including a vertical connection tower which houses the vertical busbars and provides connection points (plugs) which are always available without modification. In addition, the connection points are completely segregated and shrouded from each other and are finger proof IP20 and negate the need for shutters that are a point of failure," Mr. Kirkland continued.

"The seamless integration of the E300 relay with the ControlLogix® Programmable Automation Controller (PAC) was a prerequisite for the project and provided the Plant Wide Control system with easy access to real-time data from the MCCs," said Phil Kellas, NHP's Automation - Sales Manager QLD.

"It also reduced engineering cost due to the ease of the integration with the PAC and the site wide FactoryView® HMI by utilising the Rockwell Automation Library of Process Objects suite (Plant Pax) to assist with deployment," he continued.

Ensuring the highest levels of safety are adhered to, all points of isolation at the site are also fitted with NHP Remlive proof of isolation indicators. The demountable functional units plug into the vertical wall and can easily be rearranged and interchanged adding increased flexibility and easy integration – a common theme throughout the project.

With production and shipping at the site expected to commence in the first half of 2019, the planned initial output is 22.8 million tonnes a year increasing annual bauxite exports from Cape York by approximately 10 million tonnes. The project serves as a marquee example of how two locally owned companies (Plummers Industries and NHP) can bring together their unique industry knowledge and expertise to produce a world-class result.

COMPANY NEWS

NHP expands warehousing to enhance our local promise

Recently, NHP opened a new warehouse in Derrimut, Victoria, conveniently situated in the neighbouring suburb to NHP's National Manufacturing and Distribution Centre of Laverton.

The newly constructed 5500m^2 facility undertook a four week fit-out including new racking, leading safety features, pedestrian and forklift segregation rails, line painting, and IT infrastructure.

"It was challenging but the team were very dedicated and diligent, working long hours to make sure we minimised the disruption to our customer base – any urgent orders were handled with high priority. In the post transition review, we were extremely pleased that no-one was inconvenienced," said NHP's Integrated Supply Chain Director, Alex Coslovich.

This facility enables improved service and capacity levels for our customer base and demand, with space for two unloading sunken container docks which are undercover eliminating the risk of weather exposure leading to product damage.

"Warehouses run at an optimum capacity of 80% and we recognised that we had outgrown our existing infrastructure. Clearly, the new facility not only makes our operation more efficient, but gives us spare capacity to accommodate the continued growth of the business," Mr. Coslovich continued.

NHP is proud to have a warehouse service level exceeding 99% with an average time of 30 minutes to unload a container and a further 48 hours for lines to be put away. In addition to NHP's warehousing network managing 40,000 lines (in-stock), orders placed before 3pm on these lines are dispatched on the same day.

This new facility complements NHP's existing warehouse infrastructure, all the while, increasing local stock holding capacity, operational performance and service efficiency.

PROJECT

A fully integrated safety solution that's future-proof? Clear as water!

A market leader in water treatment and chemical distribution in Australia and New Zealand, Ixom (formally known as Orica Australia Pty Ltd, commenced and operated as a standalone business in March 2015) has a long and proud history of safety performance.

As a recognised supplier of chemicals to agriculture, mining, life sciences building and construction, the company's many facilities must adhere to stringent safety requirements put in place not only by industry standards, but their own value of safety. With that in mind, their Laverton facility recently completed the construction of a 60 metre conveyor that working alongside NHP, has set the benchmark in safety and performance.

The site in Melbourne's west mainly process liquefied chlorine commonly used for drinking water and in swimming pools.

With a daily production capacity in excess of 60 drums weighing approximately 1.8 tonnes, the compressing, cooling and then filling of drums with this product is a highly delicate process. The fact that the chlorine is liquefied makes the site a major hazardous facility with the threat of any leak a constant consideration treated with the utmost care.

With that in mind, the conveyor was installed to automate the manual handling of drums when it came to the dispatch from the site, as well as to aid in the filling and degassing procedures. Ixom conducted a number of internal risk assessments before embarking on the project that was completed in three stages, so when it came to selecting a supplier for the safety system responsible for the conveyor, NHP formed a natural choice.

"The challenge was implementing a stringent safety system that adequately met safety categories and standards requirements whilst maintaining productivity and performance targets," said Hans De Jongh, Electrical Engineer at Ixom.

"While I was aware of NHP's reputation as a supplier of quality safety components, having not previously worked with their range made me a little apprehensive at first – however, that initial hesitation was quickly put to rest when I discovered the capability of their range," Mr. De Jongh continued.

The supplier selection process for the integrated safety system and products was integral to the future operations, longevity and performance of the conveyor. NHP's willingness to conduct on-site product demonstrations and ability to customise the system for specific application needs provided peace of mind and proved to be a great benefit during the installation process.

> "The challenge was implementing a stringent safety system that adequately met safety categories and standards requirements whilst maintaining productivity and performance targets."

"The one thing that stood out for me is that NHP were much more than simply a product supplier, they were able to provide value-add application and engineering advice that we certainly appreciated. Drawing on their extensive range, we were able to custom pick a safety solution that worked for us and they formed a one-stop-shop for our safety requirements."

That one-stop-shop included a suite of quality products installed in the overall solution including Allen-Bradley® Light Curtains, Photoelectric Sensors, Ethernet based ArmorBlock® I/O modules, Safety Laser Scanners and GuardLogix® Safety Controllers.

"The conveyor was largely a SIL 2 rated system and achieving that level of safety was a complex process. The site was set up in five different safety zones, each having different relationships and communication protocols with one another depending on its position in the production line," added NHP's Automation Sales Supervisor, Andrew Ware who managed the project.

With a strong focus placed on potential expansion of the site, the ability to future-proof the safety system by allowing the flexibility to add extra devices if required was also a major benefit of the project.

Sharing Ixom's commitment to ensure their facilities operate to the highest safety standards to protect employees, contractors, communities and the environment, NHP were proud to be involved in this project and look forward to continually providing quality safety products to market backed by an unmatched service offering.

(l-r) NHP's Andrew Ware and Ixom's Hang De Jongh.

Find out more about NHP's full range of safety products and services in our newly released Safety Solutions brochure

PROJECT

Conveying teamwork in aluminium manufacturing

In operation for over 30 years, o.d.t Engineering (ODT) based in Dandenong, Victoria, supply equipment and services to leading aluminium producers throughout Australia and New Zealand, as well as supplying to international clients.

A client of theirs also has 30 years of experience in producing aluminium ingots and recently identified a need for a retrofit machine to improve production as they switched from generating pure aluminium ingots to alloy ingots. As part of this upgrade, ODT were commissioned to provide a full ingot casting machine replacement that promised to improve performance, ensure low maintenance and deliver maximum output. To help them in the delivery of this machine, they used the engineering support and expertise of local supplier, NHP.

The manufacture of alloy ingots are typically intended for consumption in the automotive sector where the demand continues to rise. In turn, this demand creates increased competition, resulting in the need for innovative and reliable equipment as a crucial component to success.

With that in mind, the upgrade needed to comprise of safer and more efficient practices with minimal requirement for operator input. Drawing on their combined experience, ODT worked together with NHP to engineer a robust and reliable design of a 55 metre machine, consisting of several conveyors and capable of producing 10kg ingots at a speed of 15 tonnes per hour.

The fully engineered design, which would essentially form the backbone of operations, saw NHP play a pivotal role in supplying a design in its entirety, along with installation instructions and functional demonstrations.

In addition, the complexity of the machine required the installation of a series of panelboards. To ensure accuracy and quality, NHP were able to manufacture and customise the panels to meet the project needs at their National Manufacturing and Distribution Centre.

"With a restricted timeframe, the construction of the machine relied on companies such as NHP to deliver services and components promptly. The benefits of using a local company with global experience helped see the project meet deadlines whilst still ensuring our quality standards were met," commented Joel Murray, o.d.t Engineering's Engineering Manager.

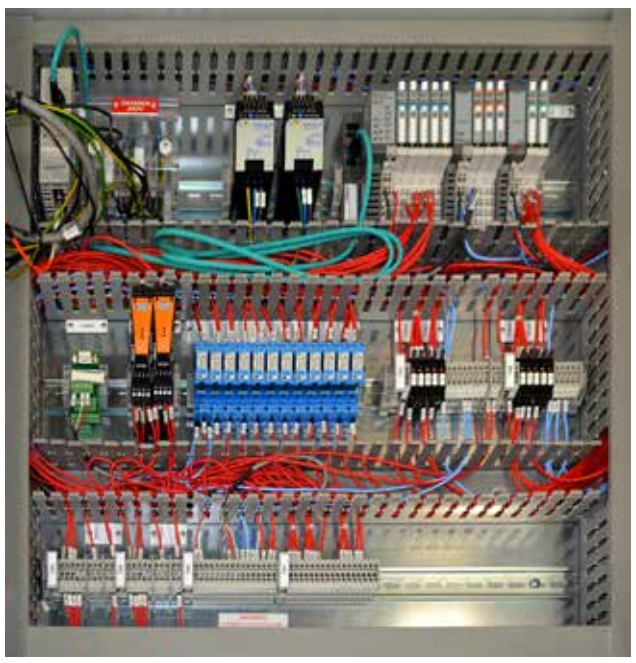
"Our company philosophy is "Quality by Design". It was great to work alongside NHP, who have an equal passion for well designed, safe, reliable and high quality equipment," Mr. Murray continued.

Responding to this necessity, ODT implemented an integrated safety solution that was compliant with relevant standards and improved manufacturing productivity and asset efficiency through increased machine uptime.

When it came to the products used to help deliver the complete solution, in addition to their engineering support, NHP also supplied a range of products including; Rockwell Automation power supplies, PowerFlex®525 Variable Speed Drives, ControlLogix® PLCs, Point IO, motor control equipment, industrial control products and a range of switchgear components.

To complement the installed devices, Rockwell Automation Software Studio5000® and FactoryTalk® View Studio was integrated seamlessly into the design to optimise plant communication and connectivity. This software assists in faster system development, as well as sharing data, diagnostics and troubleshooting.

Combining the strength of highly skilled personnel, expertise manufacturing and an array of products, NHP had the perfect combination of artillery to assist ODT in the successful deliverance of the project.



"Our team understands local and international markets and their relevant standards and compliance requirements that apply to each which allows us to better serve the needs of our customers with tailored manufactured solutions," said NHP's Automation – Business Development, Jarrod Grech.

"Our company philosophy is "Quality by Design". It was great to work alongside NHP, who have an equal passion for well designed, safe, reliable and high quality equipment."

NEWS

Gain access to all manufacturing plant data

Within the Industrial Internet of Things (IIoT), NHP not only delivers the hardware ('Things') capable of generating the most data available in manufacturing environments, but also the software solutions that store this data and provide context for meaningful reporting.

The 'Things' that generate the data:

Process Instrumentation

Forming the eyes and ears of your facility, Process Instrumentation is crucial to any manufacturing operation. These devices measure the controlled variables which are stored in large databases for reporting and further analysis.

Drives and Motion

Responsible for movement within manufacturing plants, Drives and Motion products help generate operational data and provide valuable insight into the process.

Automation Controllers

Acting as the brains of your system, Automation Controllers are powerful processors that communicate using Ethernet and are capable of distributing thousands of data points collected in millisecond intervals.

How NHP helps you unlock insight from your data:

Reporting and Visualisation

NHP delivers Reporting and Visualisation solutions using FactoryTalk® VantagePoint, FactoryTalk® Analytics and FactoryTalk® Metrics by Rockwell Automation. This software connects to numerous data sources, gathering data in real-time, without duplicating the data into excess databases.

The web based application delivers user-specific reports of real-time Key Performance Indicators (KPIs) to decision makers. This contextualised information gathered from what used to be separate systems, allow decision makers to take action as events occur on the plant floor.

Whether management needs an enterprise wide overview that arrives in their inbox monthly, or maintenance staff need access to a real-time, detailed view of a manufacturing machine's performance, NHP can customise the perfect solution to improve your operation using the data you already generate.

NEWS

Driving powerful performance and flexible control

NHP is proud to release the Allen-Bradley® PowerFlex® 755T products which provide an expansion to the already reputable PowerFlex® 753 and 755 AC Drives. These powerful new additions offer precise motor control along with solutions for regeneration, low harmonics and flexible drive system configurations.

The PowerFlex® 755T products use TotalFORCE® technology to deliver fast, precise, responsive control of position, velocity and torque. To complement this feature, these products include inbuilt predictive diagnostics helping reduce unplanned downtime and improve productivity.

With a modular design, these devices offer the ease of part replacement and allows the option of tailoring ratings and capabilities to your specific application requirements. To further enhance the customisation aspect, safety options can be implemented to help protect personnel and assets while enabling increased machine uptime.

Optimise your power consumption through NHP's energy efficient PowerFlex® 755T products, which all incorporate innovative power control elements that help deliver valuable solutions for a wide range of applications in variable speed control.

NEWS

Power factor all under your complete control

The release of NHP OptiWave power factor controllers incorporate advanced monitoring to provide accurate measurement and control of network parameters in power factor correction applications, providing total protection of capacitors and systems.

This new series has been developed with advanced functionality and made with a dedicated ultra-compact housing. It combines modern front design with mounting and expandability ease.

The front optic USB port permits easy, safe connection for controller programming, diagnostic and data downloads via PC, smartphone and tablet connection.

These controllers are designed to satisfy technical characteristics of electrical installation requirements in all industries and working environments to detect critical operating conditions.

Main features and functions of the controllers include:

- LCD display with white backlight to ensure good visibility in environments with low light conditions
- Front optical port to support programming
- USB and Wi-Fi dongle accessory modules available
- Plug and Play with expansion modules available for:
  - Relay outputs
  - Communication (RS485 and Ethernet)
  - Analogue and digital I/O
- Wide voltage input range (50-720VAC) for auxiliary power supply (100-440VAC)
- Built-in temperature sensor and alarms

For complete control of power factor correction systems with advanced monitoring and protection, ensure you look no further than the NHP OptiWave power factor controllers.

NEW RELEASE

Terasaki AR ACBs add extra dimension for protection functions

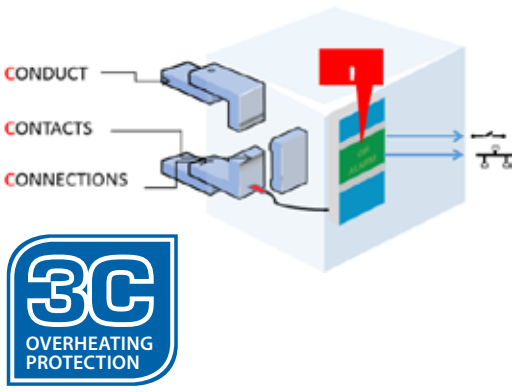
Lack of equipment service requirements and avoiding maintenance shutdowns can often lead to a situation where critical switchgear is neglected, resulting in the deterioration and premature failure of switchgear contacts, conductors and connections are corroded. Consequentially, the switchboard and switchgear starts to overheat causing sudden failure in the switchgear creating unexpected power and financial losses for the site.

Most modern air circuit breakers (ACBs) use an electronic trip unit to protect from electrical short circuits, which monitor current and voltage. These trip units are insensitive to the temperature, so in the event of a loose connection or worn contact, which will lead to overheating, the trip unit will not be aware of the situation as this is beyond the 'normal' protection functions.

As a solution for this potential problem, the innovative manufacturer Terasaki has stepped ahead of the market and added an extra protective dimension for the AGR31C electronic trip units to guard against overheating of contact, connections and conductors – known as 3C protection.

This 3C overheating alarm is available via a relay output contact or via the integrated MODBUS communications. 3C overheating protection can also be configured to trip the TemPower 2, if the ACB is supplying a 'non critical' process.

Stay safe with the Terasaki TemPower 2 ACB with advanced 3C overheating protection from NHP.



NEWS

Reliable transfer switch control for secure supply of power

The ATL610NHP automatic transfer switch controller from NHP is easy to use, expandable and provides reliable transfer switch control for secure supply of power to your facility.

The unit includes all the necessary features to supervise two power supply sources and to control the relative transfer equipment your application requires.

The ATL610NHP has the ability to sense under voltage, over voltage, phase loss, unbalanced phases, under frequency and over frequency conditions. The ATL610NHP also has numerous time delays and configurations to control the automatic transfer switch exactly as required. The voltage and frequency measurements are shown on the graphic LCD display with a white backlight ensuring readability, even under conditions of poor visibility. In addition, the LED display provides a clear indication about the supply and transfer switch status, along with an easy and intuitive menu navigation.

The ATL610NHP is equipped with a front optical port for programming. USB or Wi-Fi/ USB dongles are available, which allows a direct connection to a PC USB port. Furthermore, the Wi-Fi dongle can copy parameters and device settings from a smartphone or tablet.

The ATL610NHP supports expansions modules for easy addition of multiple communication options or additional IO as required for the application. They can be fitted easily at a later stage for enhanced capabilities.

NEW RELEASE

Value that won't corrode - stainless steel wall-mount enclosures from NHP

NHP is proud to introduce the new range of Eldon ASR 316L Stainless Steel wall-mount enclosures.

Available in a range of standard sizes with key accessories such as rain hoods, inner doors and depth adjustment kits, this newly released range is also supported by a strong local stock holding to ensure the best delivery times to suit your requirements.

Building on the proven reputation of previous Eldon solutions, the ASR range is designed to suit the harshest weather conditions, with certification to the highest possible impact rating of IK10 and high pressure water jets from all angles with IP66 ingress protection.

New features of the Eldon ASR 316L Stainless Steel wall-mount enclosures include:

- Silicone enclosure seal with almost zero water absorption, wider temperature range and improved chemical resistance than standard PUR (Polyurethane) gaskets
- High cleanliness design without gland plates or pre-existing mounting holes for a perfectly smooth finish
- Mounting plate marked in 10mm increments for ease of component placement and reduced installation time
- Cross compatibility with accessories from existing mild steel range, reducing stocking requirements
- Multiple earthing studs to simplify wiring and save time
- Available in both single door (ASR) and double door (ADR) versions

The combination of the high cleanliness design and high IP and impact rating make the new Eldon ASR range of 316 Stainless Steel enclosures particularly suitable for food and beverage applications where ease of cleaning is paramount.

Your local choice of enclosure solutions to protect your equipment.

NEWS

Information at your fingertips – Contactor Select App

Selecting contactors and overloads for three-phase electric motors is made easy with this Contactor Select App from NHP.

By simply selecting the motor voltage and kW, the Contactor Select App will display the motor FLC (Amps) and suggest which contactor and overload to use.

The Contactor Select App selects from NHP's premier ranges, with contactor and overload selection made easy by providing you with the exact product number and product photo of the contactor or overload you need, as well as easy access to NHP's sales number and website.

Useful for designers and electricians as a handy pocket reference tool, the Contactor Select App calculates full load current of three phase motors and allows correct product selection and overload settings to be made.

While it is now available on the iTunes App Store and on Android applications, it is also available in a web friendly version at nhp.com.au. So if you don't have an iPhone or Android phone, you don't miss out!

Free Contactor Select App

To download NHP's FREE Contactor Select App, visit nhp.com.au/contactorselect

INNOVATIONS

NHP INFOSYTE PROVIDES POWERFUL INSIGHTS TO OPTIMISE YOUR BUILDING PERFORMANCE

NHP is pleased to announce the partnership with local IoT experts, Switch Automation, to deliver InfoSyte, an exclusive energy management software solution from NHP tailored for the Australian and New Zealand markets.

A powerful cloud hosted energy management platform, InfoSyte has the ability to integrate with energy, water and gas measuring devices along with other facility systems such as building management systems (BMS) and heating, ventilation and air conditioning (HVAC) systems.

The InfoSyte platform from NHP offers a comprehensive range of features such as in-built reporting (including NABERS), advanced analysis and trending functionality, fault detection and diagnosis (FDD), and configurable user dashboards.

Responding to the growing challenges and need to interpret collected data for real world application use, the InfoSyte platform comes into its own with unrivalled capabilities which provide an enhanced user experience.

Site monitoring, analysis and trending

Visualise data quickly and easily with an intuitive engaging user interface that offers tailored data views.

User-configurable dashboards and reporting capabilities enables the user to identify trends and improve operational efficiencies.

Fault detection and diagnostics

Advanced solution to identify performance inefficiencies at the hardware level and deliver Smart Alerts - automatic notifications to your email or smartphone.

Asset management

Reduce incidents and maintenance on equipment and triage issues remotely in real-time.

Energy and sustainability management

Real-time platform for energy, water and waste data, giving energy and sustainability managers access to the full picture of their portfolio's energy data. Automatic audit-grade carbon emission calculations and NABERS reporting available.

Scalability and cloud storage

All your operations' data in one place. Connect multiple facilities from any location in Australia and New Zealand into the one location. Stay connected with remote access via computer, tablet or phone.

Engineering services

NHP has the skills and expertise to help you achieve your energy and sustainability goals including NABERS accredited accessors. NHP's comprehensive range of products, systems and services ensures whatever the requirement NHP is equipped to deliver.

With InfoSyte, users will gain valuable insight into their facility operations, empowering them to identify process improvement opportunities and effective management of energy consumption where significant financial savings can result.

Complementing NHP's existing range of energy metering and power quality solutions, InfoSyte delivers a complete energy management solution supported through NHP's extensive distribution network and technical expertise throughout Australia and New Zealand.

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