

Inside / Out

Quadro Evo

Tried and trusted throughout Europe,
evolved specifically for the UK market.

:hager

For you, With you.

It is a simple statement which truly reflects the Hager brand promise. It's our mission to be by your side, providing the best products and support for today's more demanding projects.

Our new Quadro Evo low voltage switchboard range is testimony to our customer focus and understanding the market needs and wants.

Evolved from the already proven Quadro+ range, which can be found powering over 3000 buildings across Europe, our evolution challenge was to ensure that the LV switchboard we offer in the UK is a true native British Standard solution. Accommodating all of the market norms and habits, along with full regulation compliance to BS EN 61439.

Combine this with a brand new range of market leading h3+ breakers, backed up with our powerful HagerCAD design software tool and Quadro Evo is the perfect LV switchboard.

Add to this our dedicated and focused Telford based support team and we are truly for you, with you.

Quadro Evo – It's time to change.



Tried and trusted expertise



As a family-owned company, we put a high value on relationships. Since our beginnings in Germany over 60 years ago, we've grown to become the trusted partner of customers in over 120 countries all over the world. How? By remaining true to our founding principles of respecting, understanding and supporting the people we do business with.

Today, our wide range of solutions cover electrical installations in residential and commercial buildings. We can help you with everything from energy distribution and cable management to wiring accessories and building automation.

22

production sites
worldwide

> 120

countries where
Hager solutions
are available

11 500

employees

3 000

active patents

6 %

of turnover
invested in
Research &
Development

30 000

training sessions
(face to face
& e-learning)

ISO 9001

certified sites



The Hager site in Telford, Shropshire operates a registered 3rd party certified 9001, 14001 & 45001 QHSE integrated management system. In addition, our site has its own ASTA RTL Level 4 17025 recognised test laboratory facility enabling the issue of ASTA 3rd Party certification.

We have also recently gained VDE level 2 certificate of acceptance as part of the VDE Test Data Acceptance Program for Hager assemblies and products.

A complete range with proven versatility

01



Main Distribution
Quadro Evo

02



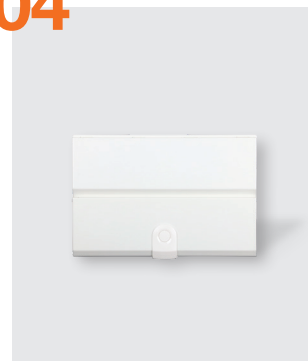
Sub Distribution
Invicta Panelboards

03



Final Distribution
Invicta TP&N

04



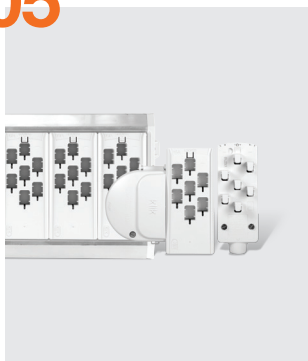
Consumer Units
Design Range





By working with us, you can design and implement your entire low-voltage electrical distribution solution using a single supplier. This means you'll have a single point of contact for all your needs, making your life easier.

05



Lighting Distribution
Klick 4 & 7 Pin

06



Wiring Accessories
Sollysta



Quadro Evo: five key benefits of a fully-tested system

When you choose Quadro Evo,
you choose a low-voltage electrical
distribution solution that has
continually proven its worth:

01

Tested performance

Quadro Evo is fully design verified
to standards BS EN-61439-1&2.
This means it meets the highest
international standards of security,
performance and reliability.

02

Trusted robustness

Quadro Evo enclosures are designed
with a rigid structure for extra
durability, and are manufactured
to the highest standards
in our factories.





03

Greater flexibility

Thanks to its modular design, Quadro Evo fits any project in the commercial or multi-residential sector, meeting all your requirements day in day out, year after year.

04

Complete solution

To address the growing need for energy efficiency, energy monitoring options have been integrated into Quadro Evo.

05

Reliable support

With 60 years of experience, we pride ourselves on guiding you, sharing our expertise, and responding swiftly to all your requests. And with 30,000 training sessions under our belt, we know how to help you through every phase of your project.

Fully-tested system up to 1600 A

01

Developed to meet UK norms

ASTA verified performance - 2021

Flexible solution providing choice of forms of separation
from Form 4 type 2 – Form 4 type 7 (according to BS EN
61439-2)

UK style group mounted or individual compartmentalised
section options

02

Assured compliance with BS EN 61439-2

BS EN 61439-1/2 Compliance assured by Hager Brand –
Assembled and Tested at the Hager UK factory

Compliance verified by independent test authority – ASTA

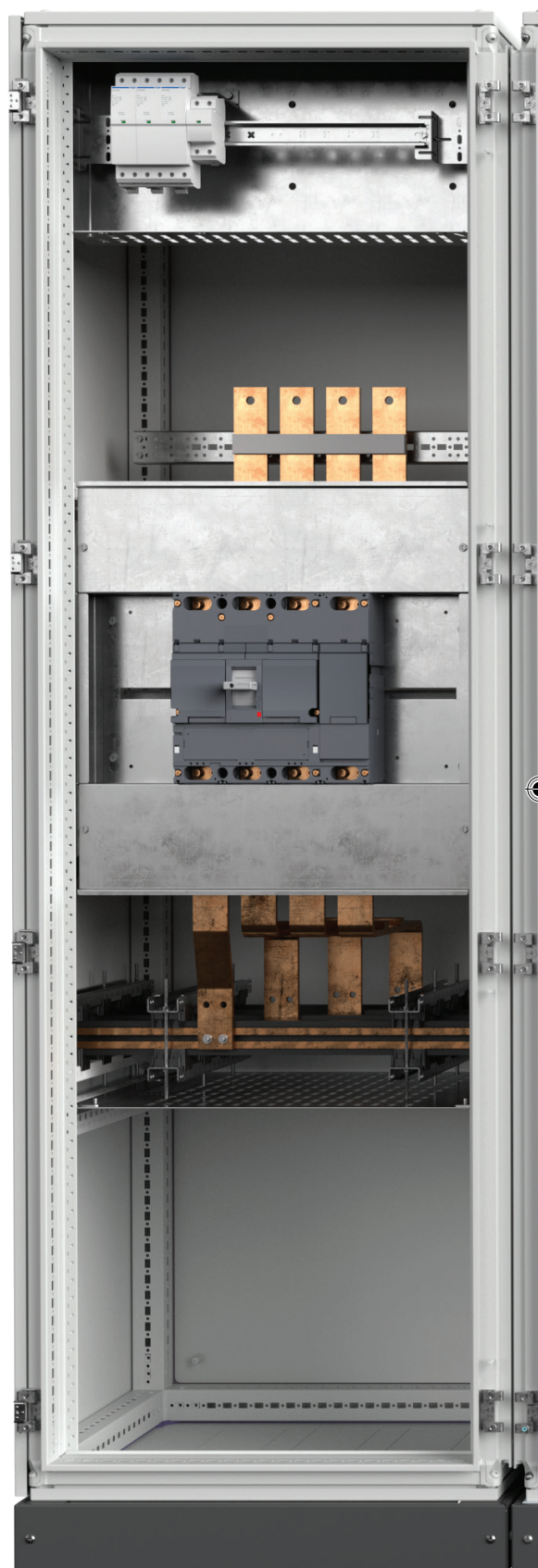
03

Quality and performance of protection devices employed

New h3+ MCCB range - SD, Mag, TM, LSnl, LSI, LSIG and Energy
version MCCB's available.

Typical specification - Ics = Icu across range - 25kA - 11kA

Advanced function h3+ Electronic MCCB options with full modbus
communication and integrated energy function options





Smarter options

h3+

Reliable protection against overloads and short circuits: The h3+ moulded case circuit breakers provide additional safety for electrical installations in commercial buildings, through advanced features and functionality of electronic trip options.

01 Secure screw

The quarter-turn auxiliary access system saves time when installing the product.



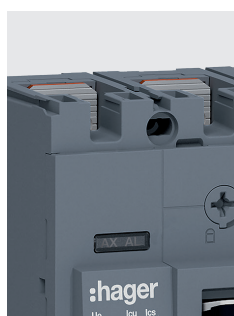
02 Hinged front cover

The front cover offers multiple advantages. Mounted on hinges, it remains integral with the case once opened, preventing incorrect refitting.



03 Display window

The auxiliary types can be seen directly through the windows on the front panel, without removing the cover.



04 Integrated padlock

The handle can be directly locked with no need for extra accessories.



Quadro Evo is a real h3+ team player, allowing for more intelligence and more safety options in any electrical main distribution. With h3+ as a backbone, you will stay up front now and in the future.

High performance

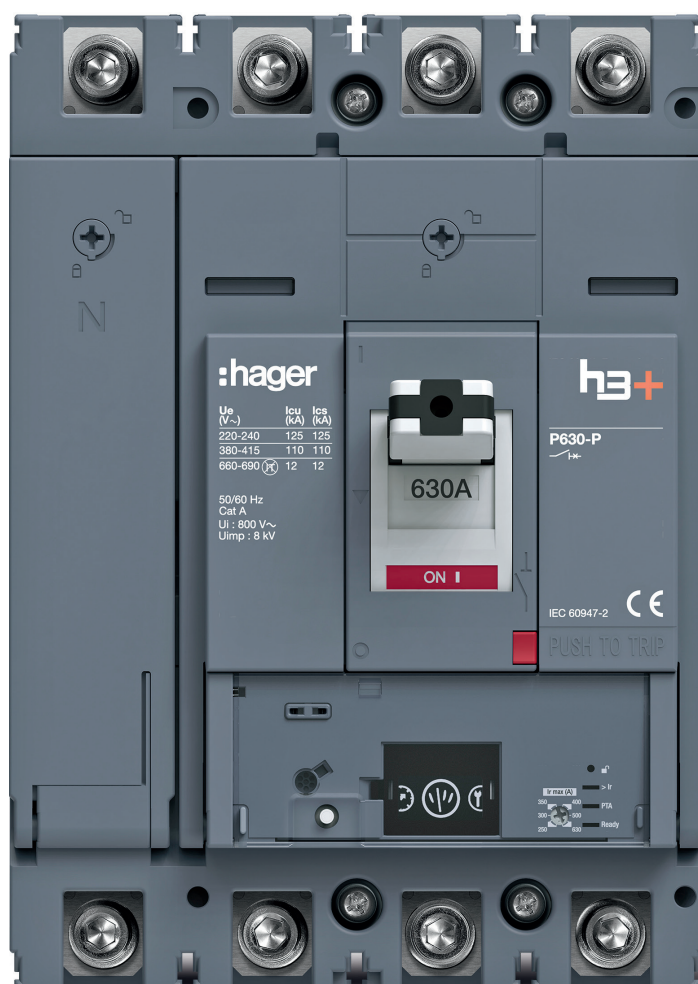
- Rated currents up to 630A
- Breaking capacity Icu up to 110kA

Precision

- Adjustable tripping curves improve selectivity
- Increasing system protection and availability

Easy configuration

- With configuration tool HTP610H (only h3+ Energy)
- Without special software via PC, tablet or smartphone



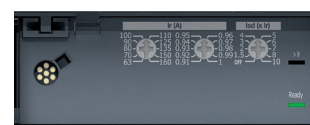
Five tripping points



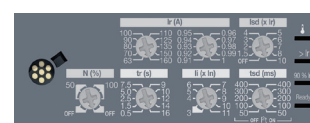
TM
Thermal-magnetic standard protection



MAG (ICB)
Instantaneous protection with magnetic protection only.



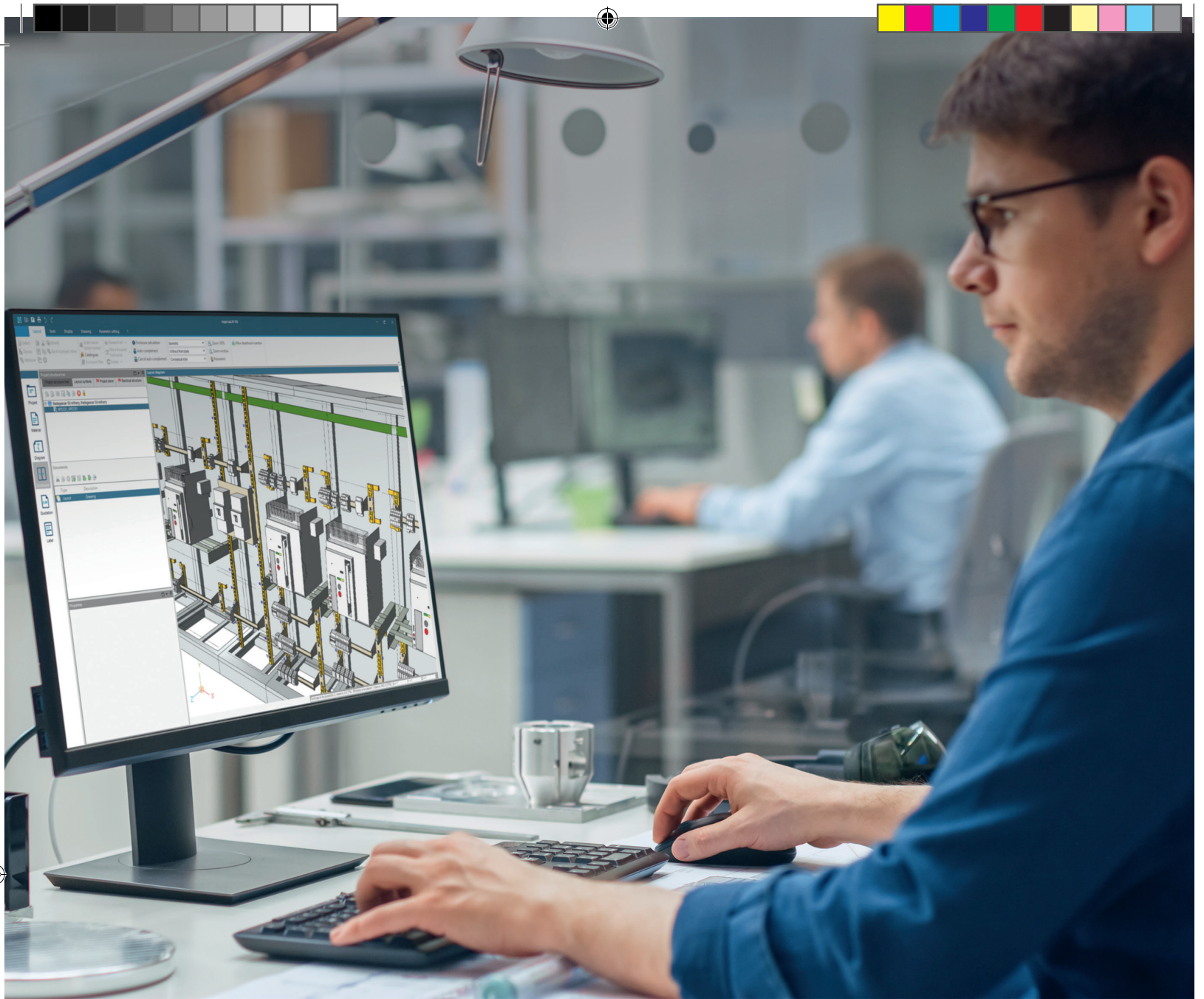
LSnI
Electronic basic protection



LSI
Extended electronic protection



Energy
Electronic high-end protection



Cutting edge software trusted service

Utilising the latest version of our in-house CAD software, hagercad.pro, our experts can deliver complete planning and documentation – precise, comprehensive and ready for your project.



A proven tool



Project design software

hagercad.pro

Our bespoke quadro edition of hagercad allows us to manage and share clear and transparent development of your requirements, meeting the latest standards such as BS EN 61439.



Ready-to-use data: specification texts

We make the tendering phase simpler with our prepared specification texts.

Trusted support



Customer service: local support

Throughout your project, you'll be able to rely on Hager's time-tested expertise and support. Our partners will be ready to guide you, share their experience, and respond swiftly to all your requests.

At every phase of your project, we're there to make your life easier, offering the support and expertise you need to work better and faster.

Tried and tested support

Our network of partners are on hand whenever you need assistance. Their role is to understand your needs and provide the right support for all your projects. What's more, they offer training sessions on Hager products and solutions all through the year.



On-site training

Our partners offer on-site training throughout the year.





Design

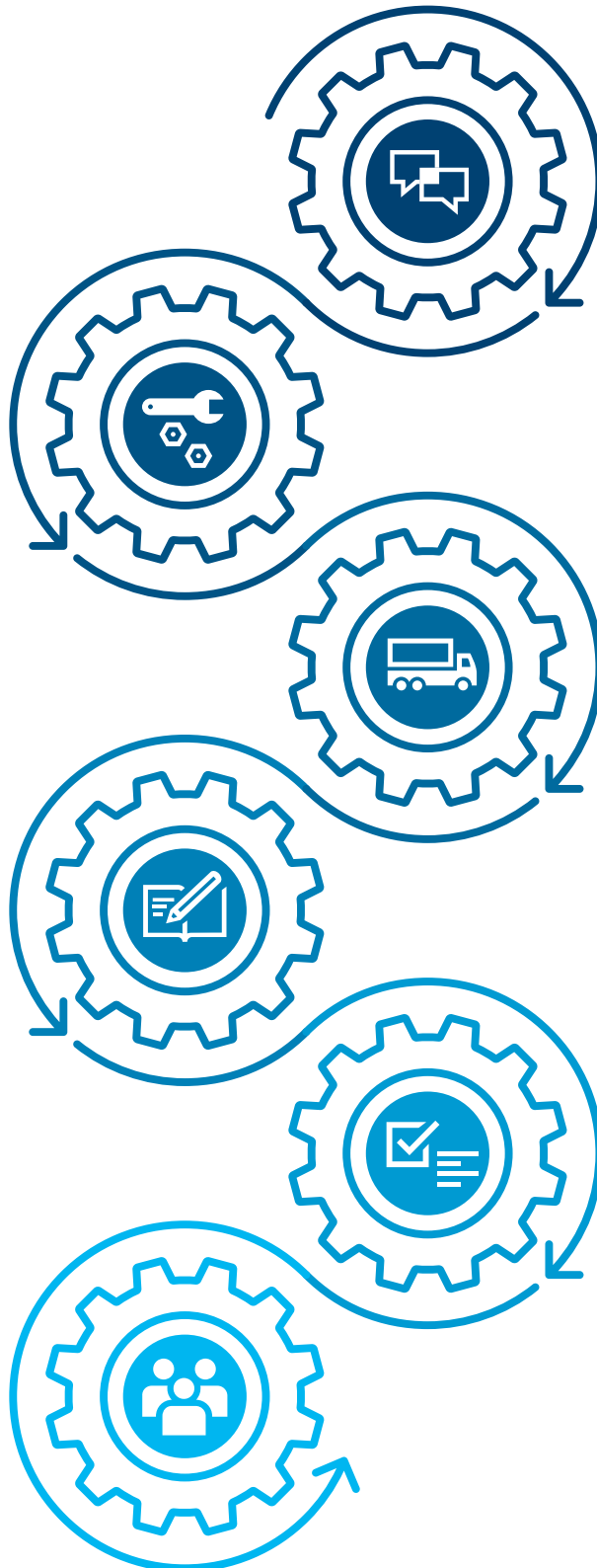
Requirements are understood and we create Design and Engineering proposals tailored to your project.

Sign off

The completed proposal, including drawings and schedules, is submitted for your sign off.

Support

Our team is on hand to ensure that you are fully supported and the solution performs in line with the agreed specification.



Discussions

Initial feasibility discussions are quickly followed by creative two-way dialogue with our Project Support Centre.

Quotation

All site specific logistics and requirements are identified and included in your quotation.

Manufacture

We commence manufacture and test in our UK factory and laboratory to ensure performance and compliance.

Researched and Developed

Launching in the UK in 2021, Quadro Evo is the culmination of years of research and development in Europe.

Mark Zimpfer, product line manager for Quadro, talks through some of the key considerations and drivers leading the development.



Mark Zimpfer
Product Line Manager, Quadro

Turning Quadro into Quadro Evo

Although the Quadro Evo switchboard is a success story for Hager across Europe, evolving the offer for the specific needs of British Standards' and the UK market has required an evolved offer of functionality, adaptability, safety and performance.

The driving force behind the subsequent creation of Quadro Evo has been a clear focus on these primary areas that we know resonate with the UK customers' needs.

By innovating and pushing what is possible, these have all been achieved with Quadro Evo.

Install and maintain advantages

To provide more choice and flexibility, we have ensured that designers now have the freedom to define customised distribution boards up to 1600Amp that can fit into the tightest on-site spaces.

Safety through internal separation

Internal separation is necessary to deliver enhanced safety and in line with BS EN 61439-2, Quadro Evo now does this. But it also offers choice, with the tailored solutions accommodating Form 4a and Types 2 to 7 arrangements so that ultimate internal separation of busbars, functional units and terminals can be achieved to suit the project requirements

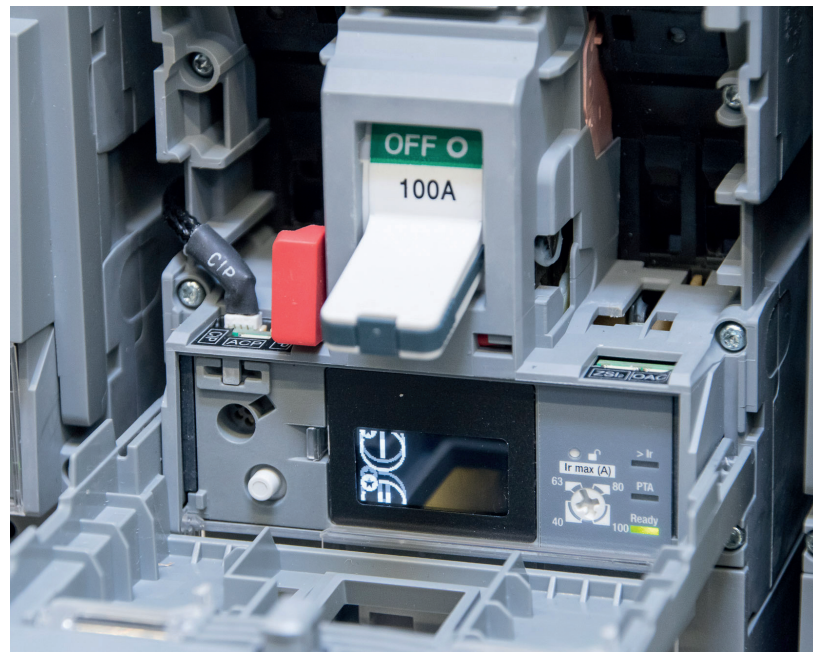
“(h3+ MCCB)... devices are themselves the culmination of a multi-year, multi-million pound investment programme and represent a significant move forward for Hager Technology for MCCBs.”

Mark Zimpfer
Product Line Manager, Quadro



Did you know?

Quadro has was originally developed over 20 years ago for the European market. Boards are well known for their rigidity and thoughtful design.



Managing energy effectively

The Quadro Evo development is wider than the enclosure system. We have made sure that we now provide a British Standard platform which is capable of using the impressive range of high performing h3+ Hager MCCBs and ACBs.

With h3+ MCCBs with integrated energy monitoring, highly precise energy consumption data can now be accessed by users who want to address their energy levels to support a more sustainable future.

These devices are themselves the culmination of a multi-year, multi-million pound investment programme and represent a significant move forward for Hager Technology for MCCBs. Quadro Evo now enables us to bring these exciting h3+ devices in to the UK market, which has been a long term ambition for Hager.

Independently validated

Independent verification is important for any new market solution, so a key stage for Quadro Evo has been attainment of ASTA third party certification. Users can rest assured that it meets all current standards and has been closely assessed by an authoritative and objective independent test authority in terms of performance guarantees, safety, and application viability.

The arrival of Quadro in to the UK market is the culmination of over 2 years of dedicated teamwork and investment to ensure a focused British Standard complaint and more importantly accommodating the market norms and the installer expectations.



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