

Catalogue 2019/2020

:hager

**Your reliable
partner for
intelligent
solutions.**

There's plenty to do. Let's get started.

**The time for
renovated electrical
installations and
intelligent solutions
is now.**



Dear friends and partners,

We all value experience. Routine helps us to be fast and reliable, which can save us time, money and hard work. Yet there are also moments when we need to leave the familiar behind and take advantage of golden opportunities just waiting to be discovered and seized.

This is one of those moments.

Renewable energy sources and innovative building technologies are creating opportunities to make more intelligent and energy-efficient homes. And with our Ambient Assisted Living (AAL) solutions, we will be able to help older people and those who require special care to live safely and independently in the future.

The latest studies indicate that Africa experiences one of the fastest increases in energy demand among the world's regions. Electricity consumption and economic development are closely linked: growth will only happen with a step change in the power sector.

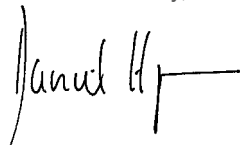
In Middle East, the energy consumption will increase by more than 50% by 2040, and many Gulf Cooperation Council (GCC) governments have recently announced plans to embrace renewable energy in the near future.

This work requires specialists. There's plenty to do. Let's get started.

We at Hager Group will support you with the very best products, solutions and services. And we are constantly evolving and improving: we have more than 800 team members working on better products and innovative technologies to make your work easier and your customers' lives more comfortable. At the same time, we are increasing our focus on services so that we can provide you and your customers with expert support.

When it comes to change, we practise what we preach. And we rely on expert partners like you to help us set the trends for the future. This future is starting right now, and I'm looking forward to shaping it with you.

Yours sincerely,



Daniel Hager
Hager Group CEO

Under one roof

Members of Hager Group

:hager

B.
Berker

ELCOM.

DAITEM


diagral

EFEN 

B. BOCCHIOTTI

One family

The world is changing, and we are changing with it. As a family company, we have grown steadily over the last sixty years to become a reliable partner to expert technicians and electrical wholesalers around the world. All while remaining true to ourselves and to our values. And so we continue today, with a number of well-known brands – each with their own distinctive strengths – working together under the Hager Group umbrella.



Hager Forum in Obernai, France, is a place where we can work with customers and partners to shape the future. That makes it a perfect symbol of the innovative power of Hager Group.

hagergroup

Your trust

As a partner and customer, you can choose from the entire range of products and services offered by every member of our brand family. Our new corporate image highlights our shared strengths even more clearly. From now on, each of our brands will be easily recognisable as a 'Member of Hager Group'. The new corporate image also involves some colour and design changes. Our core promise remains the same: we will always work with you to succeed together.

Our strengths

We have huge opportunities ahead. The upcoming modernisation of existing buildings, intelligent building technology, digital services, new energy sources and technologies – all of this opens up new, exciting potential for you and for us. At the same time, business requirements are becoming more and more complex. That's why it's so important for you to have Hager Group specialists supporting you with all of their expertise. Together, we are stronger. Together, we will overcome the complex challenges of our time with simple, impressive solutions – just as we have been doing for the last six decades.

E3

Global warming, a shortage of natural resources, social cohesion and the transition to renewable energy: there are many challenges facing businesses and society today. Hager Group is pursuing a variety of initiatives to promote sustainable development with its “E3” approach.

Environ

E for Environment

We work continuously to reduce our carbon footprint. Our priorities include optimising the transport of our products and cutting the amount of energy we use in production to further reduce our Carbon footprint.



Ethics

E for Ethics

We need skilled, motivated and healthy employees in order to offer our customers the best services and products. That's why we provide all our team members with a safe, healthy working environment, support their professional growth and offer them opportunities for further development. We also promote diversity and adherence to an Ethics Code throughout the company.

ment

Energy

E for Energy

Hager Group helps its customers to save energy intelligently. We also analyse and optimise our products' environmental performance throughout development and production. By providing a detailed environmental profile for most of our products, we can be fully transparent with our customers and ourselves.

Technology as a friend



Hager Design turns technical products into familiar friends.

Before we start designing a new product, we think about the people it is going to serve. Will it assist or entertain, observe or protect, save time or save energy? Ideally, whatever it does, users will feel it is a reliable 'friend'. We need to know how to connect with people on an emotional level, to ensure that in return they feel connected to our products.

Technology for people

Responsible design builds on an ethical foundation. At Hager, this foundation is all about respecting people and caring about their well-being. And it's not just about today – we want to inspire our customers for years to come. That's why we include them in every stage of the design process – from installer to planner, to end user.

An honest brand

Hager products are world-renowned for their quality, which is visibly and tangibly unveiled in their design. The unmistakable, explicit and clear brand image tells customers straight away that these products are part of 'the family'. This is our signature, the Hager DNA, which embodies two central principles.

Friendly, serene, balanced: an honest, authentic design that blends naturally into everyday life, without gadgets or cheap effects.



Erwin van Handenhoven
Hager Group Design Director

Ingeniously simple: our products are important, but never over-the-top. If it's not necessary, we leave it out. The essence remains. Straightforward in both form and function: simple to install, simple to use. Simply Hager!

Looking ahead to the future

Hager systems are not stagnant – they are expanding, gaining more and more visibility in our customer's homes. This has implications for our present design language. We call it 'New Start'. The aim of New Start is to meet our customers where they are, and carry them with us into the future: with innovative ideas, new designs and expressive materials. The new Hager catalogue is full of 'New Starters' – along with lots of 'old friends'. Come and explore!

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01 Small enclosures

consumer unit / invicta VT / invicta DR / mini gamma / gamma 13 and 18 / cosmos / golf / gala / vega / volta / vector / vega D / FW / vector security



1.1

Small enclosures

02 Main switchboards

invicta type B distribution board / invicta panel board / enclosed fused combination switches / enclosed load break switches / quadro4 / quadro5 / quadro+ / orion plus / orion.inox / orion.tech / quadro automation



2.1

Main switchboards

03 Main incomers

Hw ACBs / h3 MCCBs / Earth leakage relays / Torroidal transformers / Load break switches / Changeover switches



3.1

Main incomers

04 Protection devices

Miniature circuit breakers / Residual circuit breakers with overload / Residual current circuit breakers / Auxiliaries / Remote control auxiliaries / Motor starters / HRC fuse carriers / Supply busbars / Surge protection devices



4.1

Protection devices

05 Power, control and signaling interfaces

AC-3 contactors / Modular contactors / Delay timers / Interface relays / Latching relays / Switch disconnectors / Changeover switches / Trip-free switches / Indicator lights / Push buttons / Transformers, bells and buzzers



5.1

Power, control and signaling

06 Energy counting and measurement

Energymeters / Analogue voltmeters and ammeters / Digital voltmeters and ammeters / Multi-function meters / Pulse concentrator / Current transformers / Selection switches / Control relays



6.1

Counting and measurement

07 Connection

Busbars / Distribution blocks / Junction blocks / Junction terminals / Brass distribution terminals / quickconnect and screw terminals / Mini-junction terminals / "Souplex" junction block



7.1

Connection

08 Residential trunking

tehalit.ateha / tehalit.SL



8.1

Residential trunking

09 Line distribution

tehalit.lifea / tehalit.FB / tehalit.CLM / tehalit.LFR / Self sticking mini trunking



9.1

Line distribution

10 Installation trunking

tehalit.queraz PVC / tehalit.queraz alu / LPT surface mounting boxes for outlets / tehalit.BRP PVC / tehalit.BRAP alu / tehalit.BRS steel / Accessories for BRP/BRAP/BRS / tehalit.c60+



10.1

Installation trunking

11 Office trunking

DA 200 poles and posts / Underfloor system / tehalit.officea / Eoline accessories / Multi outlet blocks NR / Pull-out multi outlet modules / Flexible trunking / Floor trunking / Cable outlet for raised floor

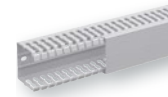


11.1

Office trunking

12 Enclosure trunking

tehalit.BA7A wide-slot wiring duct / tehalit.BA7B narrow-slot wiring duct / tehalit.B7A solid duct / tehalit.HA7 wiring duct, halogen-free / tehalit.HNG / tehalit.VK-Flex



12.1

Enclosure trunking

13 Specific trunking

tehalit.LFH halogen free trunking system / tehalit.LFS general purpose steel trunking / tehalit.LFG trunking in fiberglass reinforced polyester / Fire resistant trunking system



13.1

Specific trunking

14 British Standard switches and sockets

system 8000 / stylea / system 9088 / system 10088 / sollysta white moulded / sollysta decorative / sollysta grid / metal clad / IP66 range / IP66 isolators / Doorbells / Door chimes / RCD sockets / Lampholders / Floor sockets



14.1

BS switches and sockets

15 European switches and sockets

systo / essensya / cubyko



15.1

European switches and sockets

16 Energy and lighting management

Motion detectors / Presence detectors / LED and halogen floodlights with PIR / Time lag switches / Modular dimmers / Twilight switches / Astronomical switches / Digital time switches / Analogue time switches



16.1

Energy / lighting management

17 Wireless home automation

coviva smartbox / Micromodules / Remote controls and transmitters / Wireless control solutions for renovation / KNX wireless system platform / sepio alarm system / Fire alarm



17.1

Wireless home automation

18 Door communication systems

elcom.touch / elcom.fon indoor stations / Comfort indoor stations / System components / elcom.one outdoor stations / elcom.modesta outdoor stations / Intercom systems 2-wire sets, elcom.home



18.1

Door Communication systems

19 Appendix

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Appendix