

Energy distribution, Controls & Wiring accessories.

Pricelist

with effect from

01st March 2024

:hager

**The reliable
partner for
intelligent
solutions.**

Our vision

Hager Group's vision is to make life on our planet safer, cleaner and more enjoyable through ingenious, sustainable and reliable electrical infrastructure solutions, for all kinds of buildings.

Our world today and tomorrow

We're constantly reimagining electricity in order to meet the world's rising energy demands with better performing and less consuming products and solutions. We're also moving at pace with technology as electricity usage becomes 'smarter' in homes and buildings and yet one thing endures in all this fast-moving change, we will always produce and supply for you safe and simple solutions and products. It's what we have been doing for over 65 years.

Big enough to matter, small enough to care

As a global player, we play in every domain of the electrical infrastructure world; energy distribution, energy management, e-mobility, cable management, wiring accessories, connected and automated homes. We have you covered and our products and solutions are almost always customisable should you desire. We've built a reputation for high quality, scalable and dependable European-made products that are tested, trusted and ready for all types of buildings large and small, so you and your customers can rest assured your installations will endure over the long term.

Generational approach

As a family-owned business that prides itself on being easy to work with, finding solutions in the spirit of collaboration, cooperation and co-creation is how we enjoy working on a daily basis, it's how we feel business is done best and how end results are best achieved together.

Because we're driven by an entrepreneurial flair in a world where people like you matter to us, so much so that we'll be by your side right through your projects and beyond. No matter what, Hager will go the extra mile for you to meet your requirements.

Looking ahead

We are investing on a large scale to ensure you will always get the best from us with huge investments in production capacity and at distribution sites but also developing new and exciting products in our new research and development centres to meet the joint challenges of energy consumption and the environment. As much as the world changes we'll never change our approach to you, our customers, we'll always be with our customary support and learning platforms continuously available for you, with you.

hagergroup

Hager Group is a leading provider of solutions and services for electrical installations in residential, commercial and industrial buildings with 12,900 employees generating € 2.8 Bn in sales (2022). Components and solutions are produced at 20 locations around the globe and are distributed to customers in more than 100 countries.

Members of Hager Group

:hager

B.
Berker

ELCOM.

ENERGY STORAGE
E3A DC

B. BOCCHIOTTI

B. IBOCO

On our journey to a sustainable future

At Hager Group, we shape the electric world of tomorrow, a world in which long-term success goes hand in hand with sustainability.

For us, sustainability encompasses Ethics, Employees and the Environment. We call our approach E3. This embraces an ethical approach to business, an inclusive and healthy work environment and reliable products and ingenious solutions which are future-proof. With a strong focus on the environment, we're on the way to making our company a low-carbon operation. We want to take our employees, partners and customers with us on this journey. Let's make better choices together. For our planet and for all generations.

Ethics

We put a strong emphasis on a responsible approach towards business. This approach considers our own employees as well as every person involved in our value chain: from suppliers and their employees, to partners and customers. As we produce electrical equipment and solutions, consumer safety is one of our main concerns, as well as business and data integrity. We are committed to complying with all national and international industry standards and in many instances go above and beyond what is required. Since 2007, we are signatories of the United Nations' Global Compact.



Employees



Recruiting and retaining talent is one of the great challenges of businesses today. For us, a sustainable business is only possible if we can attract the right people who feel welcome and able to fulfil their potential at Hager Group. We see our company as a cross-generational endeavour, much like a family. With life-long learning opportunities and opportunities to build a meaningful career we're offering our employees the ideal basis from which to fully engage in a long-term and fruitful mutual relationship with our company. It goes without saying that diversity and inclusion and equal opportunities are part and parcel of our recruitment policies.

Environment

We are committed to reducing waste and emissions considerably by investing in an environmentally friendly design, the longevity and quality of our products and more sustainable solutions in production and distribution. We perform full life cycle analysis of all our products in the form of a Product Environmental Profile (PEP). At production level,

we are continuously looking for ways to reduce our resources consumption. Currently, 18 of our production facility locations and 4 of our distribution centres are certified to the international environmental management standard ISO 14001, which defines globally recognised requirements for environmental management.



Sustainability
certifications
for Hager Group:

Member of:



United Nations
Global Compact

When design meets users

Good design contributes to better value for money.

At Hager Group, we take into account the past, the present and the future. But most of all we take into account our customer. You.



Erwin van Handenhoven,
Hager Group Design Studio
Director

Over time we built up that strong Hager Identity we cherish so much. A community with a feeling of belonging together. A friendly and trustworthy environment where we know that we can count on each other. We endlessly try to improve our offer with deep understanding and respect for our customer. We carefully listen to your messages in order to catch your wishes and, by design, exceed your expectations.

Considering you, our customer, as the centre of our concern and as the starting point of all our projects led us to a new and important initiative: the creation of the Hager Offer Testing Centre. We want you to have the absolutely best customer experience and we wish you to be proud of our brand. So we need your active involvement in our design process. Together we will constantly improve and adapt our offer. Together we shall tackle all future evolutions.

Some of you may see the changes in our business as growing complexity, others might experience it as constant enrichment.

Whatever our feelings may be, it is a fact that today we are merging mechanical, electronic and digital technologies into one coherent electrical infrastructure system. This is why design does not only focusses on best in class Physical devices but also on a clever and useful Digital offer and, most of all, the efficient interplay between both.

Product designers and digital designers are sitting together, thinking together and breathing together. We aim to deploy more and higher level functionalities but reduce complexity for the user, be it a professional or an end-user.

In the light of this ever-growing complexity, we strongly believe in our unique and exciting Hager brand promise: **Safe + Simple**. This is what you should expect from us: well thought-over devices and systems that make life safer and simpler. It is about being safe and feeling safe. It is about making the job easier and comprehensive. This is the world we are building up for you and with you. This is, we believe, what makes a high quality brand.

“Safe + Simple. (...) It is about being safe and feeling safe. It is about making the job easier and comprehensive. This is the world we are building up for you and with you.”

Finally we wish **‘safe + simple’** to be significant also for our planet. Caring and securing future generations, Sustainability in general, is a serious subject with highest priority on our list. It goes hand in hand with our brand promise and we will not compromise on this. New visions, leading to a specific eco-design ‘made by hager’, are now embedded in our design process.

We are pleased and honoured to design in this thrilling world of electricity that has such a promising future. We kindly thank you for your confidence.



Since its beginning, the Design Studio has been regularly awarded by major international design institutions.



Let's accelerate our energy transition towards more renewables, electric mobility and energy management.



Sabine Busse
Hager Group CEO

Dear customers, partners and friends of Hager Group

We are living through a time of change. The new geopolitical and market environment makes us realise even more how precious our resources are and how important energy is to our way of life.

The recent developments call upon us to further accelerate our energy transition. More renewables, more electric mobility, more energy management. More than ever, we understand what "the future will be electric" really means. This necessary change is a possibility for our industry as a whole.

Energy scarcity makes us appreciate energy efficiency and management in a new way. Our industry plays an essential part in providing the products and solutions to master these challenges. We sit at the heart of shaping the electrical world of tomorrow, a world in which long-term success goes hand in hand with sustainable practices. The current challenges make us all the more determined to ignite this change ourselves - together with our partners and customers.

There is a special strength in pulling together, in finding common ground, in talking to each other and understanding what the other party needs most and how we can support each other. Together, we form a strong network, able to master the challenges ahead of us now and in the future. Of this I am convinced.

I remain optimistic. The challenges are immense. But I don't know of any other industry for which this era of change is such a great opportunity. We have it in our hands to prove ourselves and to build a great future for our industry.

Yours sincerely,
Sabine Busse

01 Distribution boards

novello⁺ range / Metal plug & socket outlet accessory / golf / vector /
Busbars and terminals



12-23

02 Protection and switching devices

hw ACBs / **h3**+ MCCBs / **h3** MCCBs / Power Contactors / Relays /
MPCB / Manual Changeover switches / Automatic transfer switches / ACCL /
h3 MCBs / RCCBs / RCBOs / Accessories / HRC Fuses and Fuse carriers /
Surge protection devices / Isolating switches / Changeover switches



24-56

03 Energy and lighting control

Indicator lights / Pushbuttons / Modular contactors / Latching relays /
Time switches / Twilight switches / Movement & presence detectors /
Dimmers / Time lag switch



58-63

04 insysta™ Wiring Accessories

Switches / Push button / Sockets / Regulators & dimmers / Data sockets /
VDI module & accessories / USB socket / DND / MMR / Hotel card unit /
Shaver socket / Skirting light / Buzzer / Volume controller /
Cover & grid plates - Plastic / Cover plates - Real material /
Grid plates - Real material / Wall Boxes



64-69

From inception to completion, customized or simple your modern building designs gets delivered with Hager distribution boards.
#bringinglifetobuildings

Distribution Board

novello+

tried and tested



Type-tested performance
to IEC-61439-1
IS 8623-III



Unique ease of mounting
with minimal screws



Trusted rigidity
and extra durability
(IP43, IK09)



Tried flexibility
thanks to
modular design



novello ⁺ SPN	14
novello ⁺ TPN	15
novello ⁺ TPN horizontal PPI	16
novello ⁺ TPN tier PPI	16
novello ⁺ vertical TPN modular incomer	17
novello ⁺ vertical TPN MCCB incomer	18
novello ⁺ TPN phase segregated	19
novello ⁺ TPN phase selector	19
novello ⁺ flexi	19
novello ⁺ one way enclosures	20
novello ⁺ plug & socket outlets - metal	20
novello ⁺ plug & socket outlets - plastic	21
Cable end box	21
Accessories for novello ⁺	21
golf enclosures	22
vector enclosures	23
Busbars	23



VYS12C

SPN distribution boards

Characteristics:

- Single Door: IP30
- Double Door: IP43 & IP54
- Plain & Acrylic doors
- As per IS 8623 - III
- Impact resistance IK09

- Accessories:
- Wires sets
- Insulated busbars
- Insulated IP2X neutral bars & earth bar
- Blanking plates
- Cable management kit
- Circuit identification labels as standard

IP30 Single Door DBs

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
6 way, 6 modules	1	▶ VYS06C	1714
8 way, 8 modules	1	▶ VYS08C	2161
12 way, 12 modules	1	▶ VYS12C	2557
16 way, 16 modules	1	▶ VYS16C	3153
18 way, 18 modules	1	▶ VYS18C	3615



VYS12D

IP43 Double Door DBs

Description	Pack Qty.	Cat. Ref. plain door	Unit MRP (₹)
4 way, 4 modules	1	▶ VYS04D	2342
6 way, 6 modules	1	▶ VYS06D	2630
8 way, 8 modules	1	▶ VYS08D	2911
12 way, 12 modules	1	▶ VYS12D	3495
16 way, 16 modules	1	▶ VYS16D	4442
18 way, 18 modules	1	▶ VYS18D	4873

- IP54 DB's available upon request
- Glazed door DB's available upon request
- Pre-wired and TV telephone DBs available on request.
- For price and technical information, please contact your nearest Hager sales office.



VYT06CH

TPN distribution boards

Characteristics:

- Single Door: IP30
- Double Door: IP43 & IP54
- Plain & Acrylic doors
- As per IS 8623 - III
- Impact resistance IK09
- 8 module Incomer & SP MCBs as O/G

- Accessories:
- Wires sets
- Insulated busbars
- Insulated IP2X neutral bars & earth bar
- Blanking plates
- Cable management kit
- Circuit identification labels as standard

IP30 Single Door DBs (Incomer + Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 4+12 modules	1	VYT04CD	4421
6 way, 4+18 modules	1	VYT06CD	5363
4 way, 8+12 modules	1	VYT04CH	4845
6 way, 8+18 modules	1	VYT06CH	5970
8 way, 8+24 modules	1	VYT08CH	7017
12 way, 8+36 modules	1	VYT12CH	10407



VYT06DH

IP43 Double Door DBs (Incomer + Outgoing Modules)

Description	Pack Qty.	Cat. Ref. metal door	Unit MRP (₹)
4 way, 4+12 modules	1	▶ VYT04DD	5529
6 way, 4+18 modules	1	▶ VYT06DD	6642
4 way, 8+12 modules	1	▶ VYT04DH	5760
6 way, 8+18 modules	1	▶ VYT06DH	7100
8 way, 8+24 modules	1	▶ VYT08DH	8522
12 way, 8+36 modules	1	▶ VYT12DH	12749
16 way, 8+48 modules	1	VYT16DH	15808

Novello+ Distribution Boards



Advantages for you:

- Professional alignment with spirit level
- Reusable & flexible cable management
- Better protection with unique door packaging
- Upgrade to lockable enclosures possible

- Standard Accessories:
 - Wires sets
 - Insulated bus bars
 - Insulated neutral bars & earth bar
 - blanking plates, Cable management system
 - Circuit identification labels

- IP54 DB's available upon request
- Glazed door DB's available upon request
- Pre-wired and TV telephone DBs available on request.
- For price and technical information, please contact your nearest Hager sales office.



VYH04DH

TPN horizontal PPI distribution boards

Characteristics:

- Double Door: IP43 & IP54
- Plain & Acrylic doors
- As per IS 8623 - III
- Impact resistance IK09
- 8 module incomers, 2 module subincomer & SP MCBs as O/G

Accessories:

- Wires sets
- Insulated busbars
- Insulated IP2X neutral bars & earth bar
- Blanking plates
- Cable management kit
- Circuit identification labels as standard

IP43 Double Door DBs

(Incomer+ Sub Incomer + Outgoing Modules)

Description	Pack Qty.	Cat. Ref. plain door	Unit MRP (₹)
4+2 way, 8+6+12 modules	1	▶ VYH04DH	10876
6+2 way, 8+6+18 modules	1	▶ VYH06DH	12815
8+2 way, 8+6+24 modules	1	▶ VYH08DH	17672
12+2 way, 8+6+36 modules	1	▶ VYH12DH	21211

TPN tier PPI distribution board

Characteristics:

- Double Door: IP43 & IP54
- Plain & Acrylic doors
- As per IS 8623 - III
- Impact resistance IK09
- 8 module incomers, 2 module subincomer & SP MCBs as O/G

Accessories:

- Wires sets
- Insulated busbars
- Insulated IP2X neutral bars & earth bar
- Blanking plates
- Cable management kit
- Circuit identification labels as standard

IP43 Double Door DBs

(Incomer+ Sub Incomer + Outgoing Modules)

Description	Pack Qty.	Cat. Ref. plain door	Unit MRP (₹)
6+2 way, 8+6+18 modules	1	▶ VYP06DH	12777
8+2 way, 8+6+24 modules	1	▶ VYP08DH	15070
10+2 way, 8+6+30 modules	1	▶ VYP10DH	15632
12+2 way, 8+6+36 modules	1	▶ VYP12DH	16945
16+2 way, 8+6+48 modules	1	▶ VYP16DH	17887
12+2 way, MCCB*+ 6 + 36 modules	1	▶ VYP12DM	17132



VYP10DH

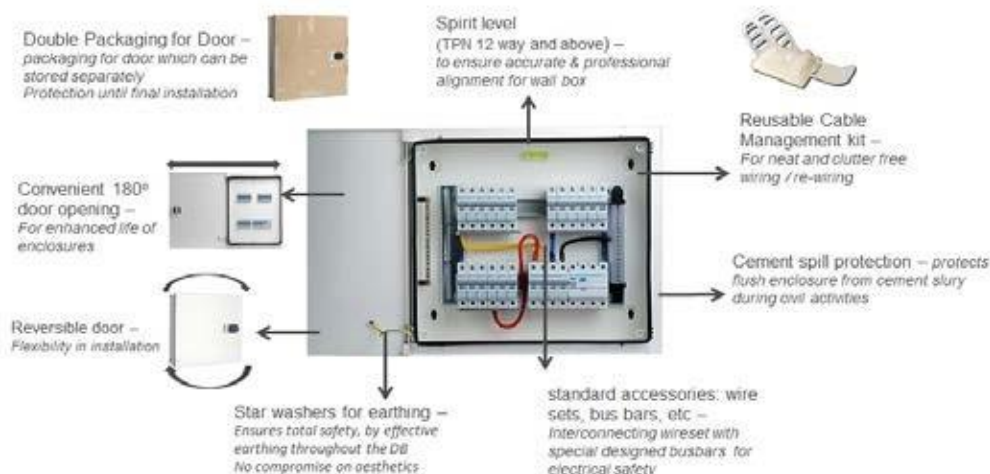
- *Provision to mount frame X160 h3 MCCB

- For P160 h3+ MCCB mounting, please contact your nearest Hager sales office.

- Acrylic door and IP54 DB's, available upon request.

- For price and technical information, please contact your nearest Hager sales office.

Novello+ Distribution Boards





VYV04DL-P

vertical TPN distribution boards (modular incomer)

Characteristics:

- Single Door: IP30
- Double Door: IP43 & IP54
- Plain & Acrylic doors
- As per IS 8623 - III
- Impact resistance IK09
- 12 module incomers, SP/TP MCB's outgoing

Accessories:

- Interconnection labels
- Blanking plates
- Cable management kit

IP43 Double Door DBs

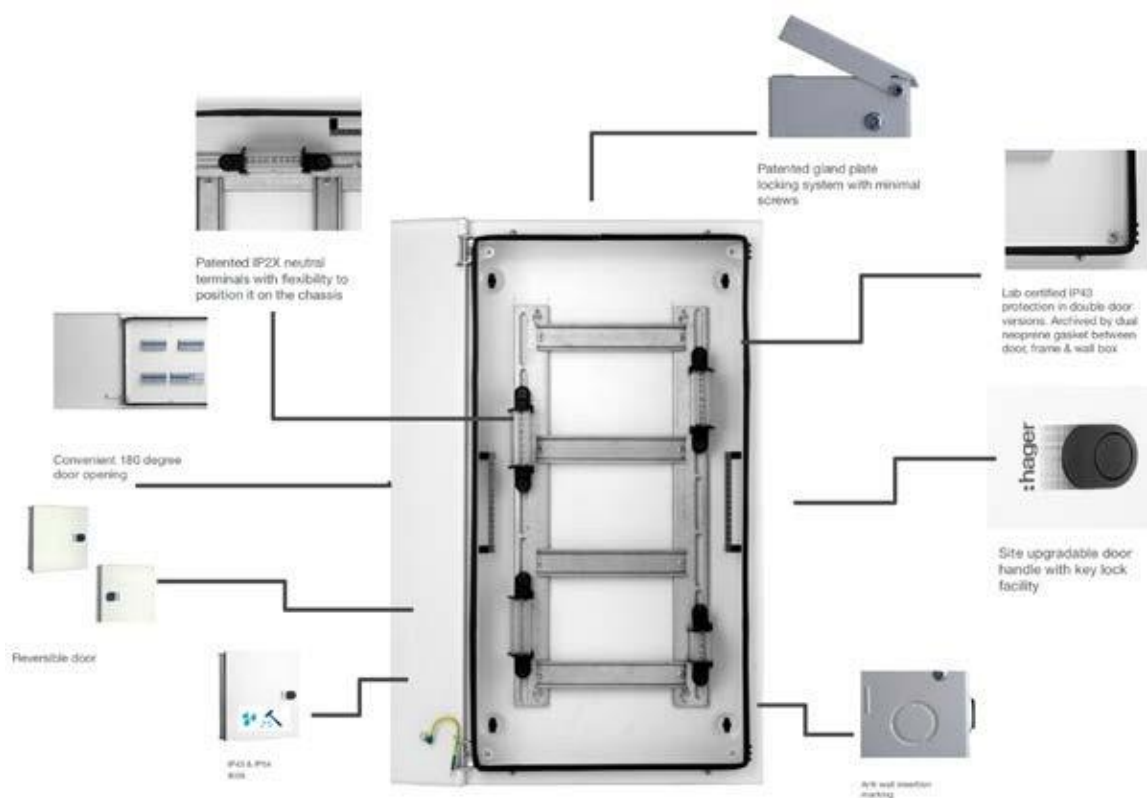
(Incomer + Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 12+12 modules	1	▶ VYV04DL-P	14304
6 way, 12+18 modules	1	▶ VYV06DL-P	15986
8 way, 12+24 modules	1	▶ VYV08DL-P	17556
12 way, 12+36 modules	1	▶ VYV12DL-P	24711
16 way, 12+48 modules	1	VYV16DL-P	30543

Metering Box

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Ext Box for VTPN DD DB	1	VYV00M	8222

- Acrylic door and IP54 DB's, available upon request.
- For price and technical information, please contact your nearest Hager sales office.





VYV06DM-P

vertical TPN distribution boards (x160 h3 MCCB incomer)

Characteristics:

- Double Door: IP43
- As per IS 8623 - III
- Impact resistance IK09
- X160 frame h3 MCCB incomer & SP/TP MCBs as outgoing
- Accessories:
 - 160A rated busbar
 - Blanking plates
 - Cable management kit
 - Identification labels as standard

IP43 Double Door DBs
(MCCB + Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, MCCB+12 modules	1	▶ VYV04DM-P	17711
6 way, MCCB+18 modules	1	▶ VYV06DM-P	20119
8 way, MCCB+24 modules	1	▶ VYV08DM-P	22148
12 way, MCCB+36 modules	1	▶ VYV12DM-P	29617
16 way, MCCB+48 modules	1	VYV16DM-P	35156



VYV06DM-P160

vertical TPN distribution boards (P160 h3+ MCCB incomer)

Characteristics:

- Double Door: IP43
- As per IS 8623 - III
- Impact resistance IK09
- P160 frame h3 MCCB incomer & SP/TP MCBs as outgoing
- Accessories:
 - 160A rated busbar
 - Blanking plates
 - Cable management kit
 - Identification labels as standard

IP43 Double Door DBs
(MCCB + Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, MCCB+12 modules	1	VYV04DM-P160	17711
6 way, MCCB+18 modules	1	VYV06DM-P160	20119
8 way, MCCB+24 modules	1	VYV08DM-P160	22148
12 way, MCCB+36 modules	1	VYV12DM-P160	29617
16 way, MCCB+48 modules	1	VYV16DM-P160	35156



VYV06DM2-P

vertical TPN distribution boards (x250 h3 / P250 h3+ MCCB incomer)

Characteristics:

- Double Door: IP43
- As per IS 8623 - III
- Impact resistance IK09
- x250 h3 / P250 h3+ frame h3 MCCB incomer & SP/TP MCBs as outgoing
- Accessories:
 - 250A rated busbar
 - Blanking plates
 - Cable management kit
 - Identification labels as standard

IP43 Double Door DBs
(MCCB + Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, MCCB+12 modules	1	VYV04DM2-P	32863
6 way, MCCB+18 modules	1	VYV06DM2-P	35835
8 way, MCCB+24 modules	1	VYV08DM2-P	38331
12 way, MCCB+36 modules	1	VYV12DM2-P	40514
16 way, MCCB+48 modules	1	VYV16DM2-P	45624



VYG08DL

TPN phase segregated distribution boards

Characteristics:

- Single Door: IP30
- Double Door: IP43
- As per IS 8623 - III
- Impact resistance IK09
- Provision for mounting upto 12 module incomer, 4 module sub
- incomer in each phase & SP
- MCBs as outgoing
- Accessories:
- Insulated busbar
- Wire sets
- Insulated IP2X neutral bars & earth bar
- Blanking plates
- Cable management kit
- Identification labels as standard

IP43 Double Door DBs

(Incomer+ Sub Incomer + Outgoing Modules)

Description	Pack Qty.	Cat. Ref. modular incomer	Unit MRP (₹)	Cat. Ref. MCCB incomer*	Unit MRP (₹)
4 way, 12+12+12 modules	1	▶ VYG04DL	14442	VYG04DM	20621
6 way, 12+12+18 modules	1	▶ VYG06DL	16266	VYG06DM	23569
8 way, 12+12+24 modules	1	▶ VYG08DL	18152	VYG08DM	26993
12 way, 12+12+36 modules	1	▶ VYG12DL	22578	VYG12DM	30779

- *Provision to mount X160 frame H3 MCCB



VYC06DH

TPN phase selector distribution boards

Characteristics:

- Single Door: IP30
- Double Door: IP43
- As per IS 8623 - III
- Impact resistance IK09
- 63A rotary switches
- Accessories:
- Wire sets
- Insulated busbars, neutral bars & earth bars
- blanking plates
- Cable management kit
- Identification labels as standard

IP43 Double Door DBs

(Incomer+ Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 8+12 modules	1	▶ VYC04DH	19689
6 way, 8+18 modules	1	▶ VYC06DH	19997
8 way, 8+24 modules	1	▶ VYC08DH	21431
12 way, 8+36 modules	1	▶ VYC12DH	24121



VYF414D

flexi distribution boards

Characteristics:

- Double Door: IP43 & IP54
- Plain & Acrylic doors
- As per IS 8623 - III
- Impact resistance IK09
- Flexibility to mount incomer & outgoing as per need
- Accessories:
- Blanking plates
- Insulated IP2X neutral bars & earth bar
- Circuit identification labels as standard

IP43 Double Door DBs

(Total Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
2 row, 28 modules	1	▶ VYF214D	7943
3 row, 42 modules	1	▶ VYF314D	9536
4 row, 40 modules	1	▶ VYF410D	9664
4 row, 56 modules	1	▶ VYF414D	10391
4 row, 64 modules	1	▶ VYF416D	12248

- Acrylic door and IP54 DB's, available upon request.
- For price and technical information, please contact your nearest Hager sales office.



VYM04C

one way enclosures

Characteristics:

- IP30 degree of protection

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
2 way, 2 modules	1	▶ VYM02C	959
4 way, 4 modules	1	▶ VYM04C	959
6 way, 6 modules	1	▶ VYM06C	1615
8 way, 8 modules	1	▶ VYM08C	1615
metal enclosure hinged door, 3 pole, x160 frame MCCB	1	▶ VYM160HM	3574
metal enclosure hinged door, 4 pole, x160 frame MCCB	1	▶ VYM161HM	3574
metal enclosure hinged door, 3 pole, x250 frame MCCB	1	▶ VYM250HM	9329
metal enclosure hinged door, 4 pole, x250 frame MCCB	1	▶ VYM251HM	9329
160A 3P MCCB h3+ Enclosure	1	VYM160HM-P160	3776
160A 4P MCCB h3+ Enclosure	1	▶ VYM161HM-P160	3776
250A 3P MCCB h3+ Enclosure	1	VYM250HM-P250	9857
250A 4P MCCB h3+ Enclosure	1	VYM251HM-P250	9857
630A 3P MCCB h3+ Enclosure	1	VYM630HM-P630	10659
630A 4P MCCB h3+ Enclosure	1	VYM631HM-P630	10659



VYA220C

plug & socket outlets - metal

Characteristics:

- Supplied with metal plug & socket
- Provision to mount MCBs

- Metal plug & socket: IP30

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
10A 2 Pin + SC*, 1 modules	1	▶ VYA110C	2112
20A 2 Pin + SC*, 1 modules	1	▶ VYA120C	2264
20A 2 Pin + SC*, 2 modules	1	▶ VYA220C	2470
20A 3 Pin + SC*, 4 modules	1	▶ VYA420C	3686
32A 3 Pin + SC*, 4 modules	1	▶ VYA432C	4972
63A 5 Pin + SC*, 8 modules	1	▶ VYA863C	17198

* SC - Scraping Earth



VYB432C

plug & socket outlets - plastic

Characteristics:

- Plastic plug & socket: IP54
- Provision to mount MCBs

- Accessories:
- Plastic plug & socket

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
16A 3 Pin, 4 modules	1	▶ VYB416C	3530
32A 3 Pin, 4 modules	1	▶ VYB432C	3815
32A 5 Pin, 8 modules	1	▶ VYB832C	6944
63A 5 Pin, 8 modules	1	▶ VYB863C	17476



VZ130I & VZ140I

plug & socket outlets

Characteristics:

- Metal plug & socket: IP44

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)	Description	Cat. Ref.	Unit MRP (₹)
10A 2P+E Metal Plug	10	VZ130I	301	10A 2P+E Metal Socket	VZ140I	307
20A 2P+E Metal Plug	10	▶ VZ131I	314	20A 2P+E Metal Socket	▶ VZ141I	343
20A 3P+E Metal Plug	10	▶ VZ132I	427	20A 3P+E Metal Socket	▶ VZ142I	464
32A 3P+E Metal Plug	5	▶ VZ133I	754	32A 3P+E Metal Socket	▶ VZ143I	754
63A 5P Metal Plug	1	VZ134I	3441	63A 5P Metal Socket	VZ144I	3654

cable end box for novello⁺ DBs

Characteristics:

- Matt finish
- Powder coated with RAL 9010
- Cable end box suitable for double door DBs.
- Facilitates wiring & wire dressing
- Mounted on top of double door DBs



VYT08E

Description

CEB for SPN DBs	Pack Qty.	Cat. Ref.	Unit MRP (₹)
CEB for 4 way SPN DD DB	1	VYS04E	1037
CEB for 6 way SPN DD DB	1	VYS06E	1094
CEB for 8 way SPN DD DB	1	VYS08E	1216
CEB for 12 way SPN DD DB	1	VYS12E	1379
CEB for 16 way SPN DD DB	1	VYS16E	1947
CEB for 18 way SPN DD DB	1	VYS18E	2022

CEB for TPN DB (for 8mod incomer)

CEB for 4 way TPN DD DB	1	VYT04E	1779
CEB for 6 way TPN DD DB	1	▶ VYT06E	1929
CEB for 8 way TPN DD DB	1	VYT08E	3390
CEB for 12 way TPN DD DB	1	VYT12E	4531
CEB for 16 way TPN DD DB	1	VYT16E	4531

CEB for TPN Horizontal PPI DB

CEB for 2 + 4 way Horizontal PPI DD DB	1	VYH04E	1872
CEB for 2 + 6 way Horizontal PPI DD DB	1	VYH06E	2938
CEB for 2 + 8 way Horizontal PPI DD DB	1	VYH08E	3436
CEB for 2 + 12 way Horizontal PPI DD DB	1	VYH12E	3882

CEB for TPN Tier PPI DB

CEB for 2 + 6 way Tier PPI DD DB	1	VYP06E	1616
CEB for 2 + 8 way Tier PPI DD DB	1	VYP08E	1646
CEB for 2 + 10 way Tier PPI DD DB	1	VYP10E	2039
CEB for 2 + 12 way Tier PPI DD DB	1	VYP12E	3115
CEB for 2 + 12 way Tier PPI DD DB (MCCB)	1	VYP12EM	3251

CEB for vertical TPN DB

CEB for Vertical TPN DD DB	1	VYV00E	4977
----------------------------	---	---------------	------

CEB for Flexi DB

CEB for 14Mod flexy DB	1	VYF14E	1697
CEB for 16Mod flexy DB	1	VYF16E	2068

Note: DD means double door



VZ100i

Accessories for novello⁺ DBs

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Keylock + 2 keys	10	VZ100i	1987
Door handle for novello ⁺ TPN DB	10	VZ101i	873
Neutral link 5 connection	10	VZ110i	220
Neutral link 9 connection	10	VZ111i	303
Neutral link 15 connection	10	VZ112i	413
Neutral link 19 connection	10	VZ113i	474
4 way 8 Segment cover plate - 4 Mod	5	VZ120i	474
8 way 8 Segment cover plate - 4 Mod	5	VZ121i	578
6 way 8 Segment cover plate - 4 Mod	5	VZ122i	674
12 way 8 Segment cover plate - 4 Mod	5	VZ123i	770



VF312TJ

golf enclosures

Characteristics:

- Double door: IP40
- Flush & surface mounted versions
- Plain & transparent door versions system
- Easy and safe cable management

Flush mounting

Description	Pack Qty.	Cat. Ref. plain door	Cat. Ref. acrylic door	Unit MRP (₹)
1 row 4 modules (4 way SPN DB)	1	VF104PJ	VF104TJ	1999
1 row 8 modules (8 way SPN DB)	1	VF108PJ	VF108TJ	2625
1 row 12 modules (12 way SPN DB)	1	VF112PJ	VF112TJ	3335
1 row 18 modules (18 way SPN DB)	1	VF118PJ	VF118TJ	4445
2 row 24 modules (6 way TPN DB)	1	► VF212PJ	VF212TJ	5106
2 row 36modules (8 way TPN DB)	1	VF218PJ	VF218TJ	6932
3 row 36 modules (8 way TPN DB)	1	VF312PJ	VF312TJ	6663
4 row 48 modules (12 way TPN DB)	1	VF412PJ	VF412TJ	8159



VS412PJ

Surface mounting

Description	Pack Qty.	Cat. Ref. plain door	Cat. Ref. acrylic door	Unit MRP (₹)
1 row 4 modules (4 way SPN DB)	1	VS104PJ	VS104TJ	1999
1 row 8 modules (8 way SPN DB)	1	VS108PJ	VS108TJ	2625
1 row 12 modules (12 way SPN DB)	1	VS112PJ	VS112TJ	3335
1 row 18 modules (18 way SPN DB)	1	VS118PJ	VS118TJ	4445
2 row 24 modules (6 way TPN DB)	1	VS212PJ	VS212TJ	5106
2 row 36modules (8 way TPN DB)	1	VS218PJ	VS218TJ	6932
3 row 36 modules (8 way TPN DB)	1	VS312PJ	VS312TJ	6663
4 row 48 modules (12 way TPN DB)	1	VS412PJ	VS412TJ	8159

golf enclosures



Advantages for you:

- Easy mounting - wall box can be turned 180° and has a removable cable entry slide
- More wiring space - between the modular devices and terminals as well as behind the DIN rails
- Clean and convenient wiring - thanks to patented integrated cable management system
- Unbreakable door hinges
- Same door for VS surface mounted version and VF flush mounted version
- Optimised conduit and trunking entries



VE318L

vector enclosures

Characteristics:

- Double door: IP65
- Surface mounted version

- Flexibility to mount incomer & outgoing as per need

Total modules

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1 row 3 modules	1	▶ VE103L	3080
1 row 6 modules	1	▶ VE106L	3826
1 row 10 modules	1	▶ VE110L	5331
1 row 12 modules	1	▶ VE112L	6322
1 row 18 modules	1	VE118L	7527
2 row 24 modules	1	VE212L	8577
2 row 36 modules	1	VE218L	12689
3 row 36 modules	1	VE312L	11613
4 row 48 modules	1	VE412L	16469
3 row 54 modules	1	VE318L	18790
vector IP65 Key lock	1	VZ311	931

Busbars, neutral bars & other accessories for DBs

Characteristics:

- All Insulated busbars are rated for 63A



KDN163A

Fork busbars (for MCBs NBN---N, NCN---N & NDN---N)

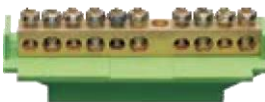
Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1 pole 1 mod step, 12 mod	100	KDN163A	547
1 pole 1 mod step, 56 mod	50	▶ KD163B	2047
2 pole 2 mod step, 12 mod	50	KDN263A	927
2 pole 2 mod step, 56 mod	20	▶ KD263B	3916
3 pole 3 mod step, 12 mod	50	KDN363A	984
3 pole 3 mod step, 57 mod	20	▶ KD363B	4943
4 pole 4 mod step, 12 mod	25	KDN463A	2034
4 pole 4 mod step, 56 mod	10	▶ KD463B	8794

Prong busbars (for MCBs ML---J)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1 pole 1 step 13 mod - Brown (phase)	1	KB163P	567
1 pole 1 step 13 mod - Blue (neutral)	1	KB163N	567

End caps for busbars

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
for 1 pole fork busbar	50	KZN021	34
for 2 & 3 pole fork busbar	10	KZN023	48
for 4 pole fork busbar	10	KZN024	83



KM14N

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
63A din rail mounting neutral link	25	KM14N	571
Half mod blanking plate	50	P031F	41
One mod blanking plate	50	P032F	41

Protection Devices

Hager protection devices set the industry standard for reliability, quality and performance. It is the mission of company to provide the highest quality products that clearly set themselves apart from the market. Hager range of modular protection devices comprises of over-current protection, residual current protection, surge protection, over-voltage and under-voltage protection solution.



hW ACBs	27
h3+ MCCBs thermal magnetic release	30
h3+ MCCBs microprocessor LSI release	31
h3+ MCCBs microprocessor LSIG release	32
h3+ MCCBs microprocessor LSIG energy release	33
h3+ MCCBs accessories	36
h3 MCCBs thermal magnetic release	37
MCCBs trip free switches	39
MCCBs accessories	40
Power Contactor, Overload Relay and MPCB	41
Manual changeover switches	44
MCOS enclosures	44
Automatic transfer switch	45
Automatic changeover with current limiter - SPN	46
Automatic changeover with current limiter - TPN	46
h3 MCBs type NBN, NCN 0.5 to 63 A	47
h3 MCBs type NDN 0.5 to 63 A	48
MCBs type HLF 80 to 125 A	49
Auxillaries & accessories	49
RCCBs	50
RCCB - type Hi (high immunity)	50
RCBOs - 2 pole 2 modules	51
RCBOs / RCBOs type Hi	51
RCBO, RCD+MCB modules	52
RCD add-on blocks (125A)	53
HRC fuse carriers	54
HRC cartridge fuses gG type	54
Surge protection devices	55
Modular changeover switches	56
Isolating switches	56

High powered air circuit breakers **hw**

Air Circuit Breakers get their name from the fact that their breaking chambers are in the open air to allow better energy dissipation. Their electrical and mechanical strength, breaking capacity, maintainability, and accessories make them ideal for protection for low voltage installations.



:hager



HWBS416EDA

hW Draw-out & Fixed type Air Circuit Breakers 800-5000A

Characteristics:

- Conforms to IEC 60947-2
- Upto 100kA breaking capacity
- Microprocessor based Protection Release with inbuilt ZSI
- Inbuilt terminal adaptor for incoming and outgoing
- Inbuilt Digital Output for Separate Fault Indication standard
- Fully rated Neutral with inbuilt protection

Breaking Capacity Icu=Ics=Icw(1sec)	Rating (A)	3 Pole with LSIG (w/o Display)		4 Pole with LSIG (w/o Display)	
		MDO (₹)	MF (₹)	MDO (₹)	MF (₹)
Frame A - Type H 50kA	630	229424	164615	263501	213408
	800	229424	164615	263501	213408
	1000	231922	183729	284613	222850
	1250	263289	190867	308921	230856
	1600	299247	234403	365131	302991
	2000	364780	274664	447993	358956
Frame A - Type N 65kA	630	263838	189307	303026	245419
	800	263838	189307	303026	245419
	1000	266710	211288	327305	256277
	1250	302782	219497	355259	265484
	1600	344134	269563	419901	348440
	2000	419497	315864	515192	412799
Frame B - Type N 65kA	2500	450959	334816	548164	423119
	3200	550170	479122	674790	591520
	4000	672858	589799	856983	739992

Breaking Capacity Icu=Ics=Icw(1sec)	Rating (A)	3 Pole with LSIG (w/o Display)		4 Pole with LSIG (w/o Display)	
		EDO (₹)	EF (₹)	EDO (₹)	EF (₹)
Frame A - Type H 50kA	630	273624	208815	307701	257608
	800	273624	208815	307701	257608
	1000	276122	227929	328813	267050
	1250	307489	235067	353121	275056
	1600	343447	278603	409331	347191
	2000	408980	318864	492193	403156
Frame A - Type N 65kA	630	308038	233507	347226	289619
	800	308038	233507	347226	289619
	1000	310910	255488	371505	300477
	1250	346982	263697	399459	309684
	1600	388334	313763	464101	392640
	2000	463697	360064	559392	456999
Frame B - Type N 65kA	2500	495159	379016	592364	467319
	3200	594370	523322	718990	635720
	4000	717058	633999	901183	784192

Accessories

Description	Cat. Ref.	Unit MRP (₹)
Shunt Release - DC 24V	HWX501	6000
Shunt Release - AC/DC 110V	HWX503	6000
Shunt Release - AC/DC 220-250V	HWX504	6000
Closing Release - DC 24V	HWX551	6000
Closing Release - AC/DC 110V	HWX553	6000
Closing Release - AC/DC 220-250V	HWX554	6000
Undervoltage Release - AC/DC 110V	HWX513	6000
Undervoltage Release - AC/DC 220-250V	HWX514	6000
Undervoltage Release - AC 380-415V	HWX515	6000
Motor Operator - DC 24V	HWX541	32200
Motor Operator - AC/DC 110V	HWX543	32200
Motor Operator - AC/DC 220-250V	HWX544	32200

Note:

- EDO version of ACB is inclusive of shunt release, closing coil and motor operator MRP

ACB Variants

Description		Unit MRP (₹)
Switch Disconnecter version (without Protection Release)	Reduce	20000
ACB with LSIG + "A" Release (LCD display with Current Metering)	Add	8500
ACB with LSIG + "E" Release (LCD display with Energy Metering)	On Request	

Note:

- LP changes for product configuration w.r.t. ACB having LSIG trip unit

hwl Air Circuit Breakers

Product codification principle - 18 digits

ACB series name 		H	W	A	H	3	16	E	F	A	0	A	A	0	A	0	A	0
Frame size A = Frame size A B = Frame size B C = Frame size C																		
Product Family + Breaking capacity H = breaker with breaking capacity of 50kA N = breaker with breaking capacity of 65kA S = breaker with breaking capacity of 85kA P = breaker with breaking capacity of 100kA																		
Number of poles 3 = 3 poles 4 = 4 poles																		
Rated current (In) 06 = 630A 08 = 800A 10 = 1000A 12 = 1250A 16 = 1600A																		
Market E = Market letter																		
Version F = fixed D = draw-out																		
Trip unit A = no OCR switch disc. B = OCR STD LI C = OCR STD LSI D = OCR STD LSIG																		
Terminal connection 0 = without 1 = horizontal terminal (HC/HC) 2 = vertical terminal (VC/VC) 3 = horizontal and vertical (HC/VC) 4 = vertical and horizontal (VC/HC)																		

Position switch (only DO ACB) & mechanical interlock (pre-assembled)

- 0 = without
- 1 = isolated 1C, test 1C, connected 2C
- 2 = inserted 1C, isolated 1C, test 1C, connected 1C
- 3 = inserted 1C, isolated 1C, test 3C, connected 3C
- 4 = inserted 2C, isolated 2C, test 2C, connected 2C
- 5 = without & MI
- 6 = isolated 1C, test 1C, connected 2C & MI
- 7 = inserted 1C, isolated 1C, test 1C, connected 1C & MI
- 8 = inserted 1C, isolated 1C, test 3C, connected 3C & MI
- 9 = inserted 2C, isolated 2C, test 2C, connected 2C & MI

OFF lock (key lock device)

- A = without
- B = type 1 (key lock device)
- C = type 2 (key lock device)
- D = type 3 (key lock device)
- E = type 4 (key lock device)
- F = type 5 (key lock device)
- G = Ronis type 1 - K1-L1/L4
- H = Ronis type 2 - K2-L2/4/5
- I = Ronis type 3 - K3-L3/5
- J = Ronis type 4 - K4-L4
- K = Ronis type 5 - K5-L5
- L = Castell type 1 - AA
- M = Castell type 2 - AB
- N = Castell type 3 - A_

MOC 2nd Auxiliary Switch & Counter & Arc Shield (only DO ACB)

- 0 = without Counter & without MOC & without Arc Shield
- 1 = with Counter & without MOC & without Arc Shield
- 2 = without Counter & with MOC & without Arc Shield
- 3 = with Counter & with MOC & without Arc Shield
- 4 = without Counter & without MOC & with Arc Shield
- 5 = with Counter without MOC & with Arc Shield
- 6 = without Counter & with MOC & with Arc Shield
- 7 = with Counter & with MOC & with Arc Shield

Under voltage release or 2nd SH coil

- | | |
|--------------------------------|-------------------------------------|
| A = without | K = AC 440V with time delay |
| B = AC/DC 110V | L = DC 24V with time delay |
| C = AC/DC 220V | M = DC 48V with time delay |
| D = AC 380V | N = AC/DC 110V double shunt release |
| E = AC 440V | O = AC/DC 220V double shunt release |
| F = DC 24V | P = AC 380V double shunt release |
| G = DC 48V | Q = AC 440V double shunt release |
| H = AC/DC 110V with time delay | R = DC 24V double shunt release |
| I = AC/DC 220V with time delay | S = DC 48V double shunt release |
| J = AC 380V with time delay | |

Closing release

- | | |
|----------------|-------------|
| 0 = without | 4 = AC 440V |
| 1 = AC/DC 110V | 5 = DC 24V |
| 2 = AC/DC 220V | 6 = DC 48V |
| 3 = AC 380V | |

Motor operator & ready to close switch

- | | |
|---------------------------|-------------------------------|
| A = without | N = AC/DC 110V motor with RTC |
| B = AC/DC 110V motor only | O = AC/DC 220V motor with RTC |
| C = AC/DC 220V motor only | P = AC 380V motor with RTC |
| D = AC 380V motor only | Q = AC 440V motor with RTC |
| E = AC 440V motor only | R = DC 24V motor with RTC |
| F = DC 24V motor only | S = DC 48V motor with RTC |
| G = DC 48V motor only | U = without motor with RTC |

Shunt release

- | | |
|----------------|-------------|
| A = without | E = AC 440V |
| B = AC/DC 110V | F = DC 24V |
| C = AC/DC 220V | G = DC 48V |
| D = AC380V | |

Air Circuit Breakers

01

Intelligent OCR

LSIGN protection, LCD display, pretrip alarm, fault recording, remote reset. Signal indication LED PTA/LSI/GF/COM.



02

Flexible protection

Can switch ON/OFF LSIGN and thermal memory separately.



03

Easy communication

To build up communication network. Communication module integrated in OCR.



04

Easy maintenance

Event record 200, fault record 250 (reserved for ever), OCR checker tool.



05

Flexible terminal connection

Horizontal/Vertical terminal rotate at 90° to make it easier for panel builder to mount on busbars. For frame A up to 1600A and frame B up to 3200A.



06

Wide range of accessories

Including: arc shield, phase barrier, temperature sensor, dust cover (IP54)





HHS025DR

h3+ MCCBs thermal magnetic release

Characteristics:

- Complies with IEC 60947-2
- 3 Frame sizes: P160 , P250 & P630
- Thermal Magnetic Trip Unit with adjustable O/L and S/C
- Adjustable Overload from 63% to 100%
- Neutral Protection for all 4P breakers as standard (option of OFF / 50% / 100% Neutral setting)
- Calibrated at 50°C
- Current Limiting type
- Complete range of accessories
- Direct mounting arrangement for Extended Rotary Handle for quick installation
- International Certification and approvals

Breaking Capacity

Ics=100% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
25kA	40A	P160	▶ HHS040DR	10367	▶ HHS041DR	12181
	63A		▶ HHS063DR	10367	▶ HHS064DR	12181
	80A		HHS080DR	10367	▶ HHS081DR	12181
	100A		▶ HHS100DR	10367	▶ HHS101DR	12181
	125A		▶ HHS125DR	16382	▶ HHS126DR	20077
	160A		▶ HHS160DR	18084	▶ HHS161DR	22528
	200A	P250	▶ HHT200DR	29610	▶ HHT201DR	35617
	250A		▶ HHT250DR	30178	▶ HHT251DR	37194
	320A	P630	HHJ320DR	37650	HHJ321DR	47127
	400A		▶ HHJ400DR	37679	▶ HHJ401DR	47816
	630A		▶ HHJ630DE	48825	▶ HHJ631DE	57370

Breaking Capacity

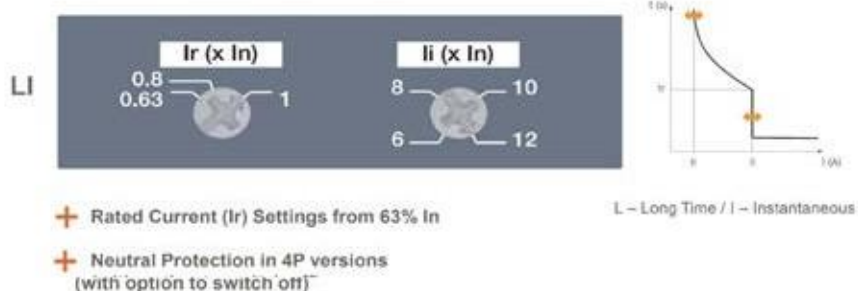
Ics=100% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
40kA	40A	P160	HNS040DR	11796	HNS041DR	13854
	63A		▶ HNS063DR	11796	▶ HNS064DR	13854
	80A		HNS080DR	11796	HNS081DR	13854
	100A		HNS100DR	11796	▶ HNS101DR	13854
	125A		▶ HNS125DR	17264	▶ HNS126DR	21459
	160A		▶ HNS160DR	19101	▶ HNS161DR	23751
	200A	P250	▶ HNT200DR	29986	▶ HNT201DR	39685
	250A		▶ HNT250DR	31872	▶ HNT251DR	40085
	320A	P630	▶ HNJ320DR	38415	▶ HNJ321DR	48135
	400A		▶ HNJ400DR	38444	▶ HNJ401DR	48794
	630A		▶ HNJ630DE	48656	▶ HNJ631DE	58541

Breaking Capacity

Ics=100% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
50kA	40A	P160	HMS040DR	15414	HMS041DR	19356
	63A		HMS063DR	15414	HMS064DR	19356
	80A		HMS080DR	15414	HMS081DR	19356
	100A		HMS100DR	15414	HMS101DR	19356
	125A		▶ HMS125DR	19411	HMS126DR	22926
	160A		▶ HMS160DR	22411	HMS161DR	26335
	200A	P250	▶ HMT200DR	33710	▶ HMT201DR	41189
	250A		▶ HMT250DR	34680	▶ HMT251DR	44099
	320A	P630	HMJ320DR	42996	HMJ321DR	52382
	400A		▶ HMJ400DR	43307	▶ HMJ401DR	53606
	630A		▶ HMJ630DE	55612	▶ HMJ631DE	70723



Thermal Magnetic Releases



h3+ MCCBs microprocessor LSI release

Characteristics:

- Complies with IEC 60947-2
- 3 Frame sizes: P160, P250 & P630
- Microprocessor Trip Unit with LSI Protection
- Adjustable Overload with Delay / Short Circuit with adjustable Delay / Instantaneous
- I2t ON / OFF for precise coordination
- Dedicated Pre Trip Alarm Contact to help in service continuity

- Accurate setting of overload protection
- Neutral Protection for all 4P breakers as standard (option of OFF / 50% / 100% Neutral setting)
- Complete range of accessories
- Direct mounting arrangement for Extended Rotary Handle for quick installation
- International Certification and approvals

HHT250JR

Breaking Capacity Ics=100% Icu as per IEC 60947-2)

Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
40A	P160	HHS040JR	20461	HHS041JR	26569
100A	P160	HHS100JR	20461	HHS101JR	26315
160A	P250	HHS160JR	26135	HHS161JR	33822
250A	P250	HHT250JR	34352	HHT251JR	44054

Breaking Capacity Ics=100% Icu as per IEC 60947-2)

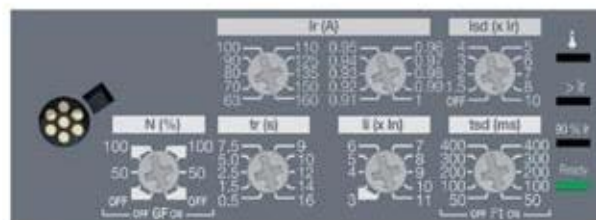
Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
40A	P160	HNS040JR	20503	HNS041JR	26084
100A	P160	HNS100JR	20503	HNS101JR	26084
160A	P250	HNS160JR	26219	HNS161JR	36837
250A	P250	HNT250JR	36147	HNT251JR	49382
400A	P630	HNW400JR	57422	HNW401JR	65546
630A	P630	HNW630JR	60697	HNW631JR	78685

Breaking Capacity Ics=100% Icu as per IEC 60947-2)

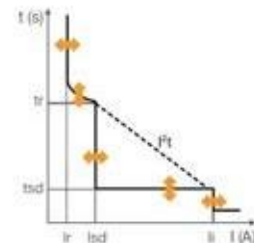
Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
40A	P160	HMS040JR	23588	HMS041JR	32310
100A	P160	HMS100JR	23588	HMS101JR	33277
160A	P250	HMS160JR	29902	HMS161JR	38721
250A	P250	HMT250JR	40530	HMT251JR	55495
400A	P630	HMW400JR	60096	HMW401JR	77962
630A	P630	HMW630JR	62214	HMW631JR	82429

h3+ Range Overview Electronic Releases

LSI
LSIG



Trip unit LSI



- + Easy Dial Settings in Absolute Value for Ir
- + Rated Current Settings with Fine Tuning From 35% of In
- + I2t On / Off Feature for precise coordination

L – Long Time / S – Short Time / I – Instantaneous / G – Ground Fault
LSI – S with adjustable delay



HHT250LR

h3+ MCCBs microprocessor LSIG release

Characteristics:

- Complies with IEC 60947-2
- 3 Frame sizes: P160, P250 & P630
- Microprocessor Trip Unit with LSIG Protection
- Adjustable Overload with Delay / Short Circuit with adjustable Delay / Ground Fault / Instantaneous
- I2T ON / OFF for precise coordination
- Dedicated PreTrip Alarm Contact to help in service continuity
- Accurate setting of overload protection
- Neutral Protection for all 4P breakers as standard (option of OFF / 50% / 100% Neutral setting)
- Complete range of accessories
- Direct mounting arrangement for Extended Rotary Handle for quick installation
- International Certification and approvals

Breaking Capacity

Ics=100% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
25kA	40A	P250	HHT040LR	36855	HHT041LR	41250
	100A		HHT100LR	36855	HHT101LR	41250
	160A		HHT160LR	38977	HHT161LR	46866
	250A		HHT250LR	44630	HHT251LR	53474

Breaking Capacity

Ics=100% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
40kA	40A	P250	HNT040LR	37033	HNT041LR	42877
	100A		HNT100LR	37033	HNT101LR	42877
	160A		HNT160LR	40277	HNT161LR	48363
	250A		HNT250LR	45166	HNT251LR	56030
	400A	P630	HNW400LR	64172	HNW401LR	73017
	630A		HNW630LR	73741	HNW631LR	86801

Breaking Capacity

Ics=100% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
50kA	40A	P250	HMT040LR	40277	HMT041LR	46157
	100A		HMT100LR	40277	HMT101LR	46157
	160A		HMT160LR	45727	HMT161LR	49442
	250A		HMT250LR	48864	HMT251LR	57366
	400A	P630	HMW400LR	65957	HMW401LR	80658
	630A		HMW630LR	74001	HMW631LR	92344

h3+ Key Benefits



Integrated PTA output contact
Output contact dedicated to the overload prealarm.



+ No derating up to 50°C



High contrast display
Display on h3+ Energy breakers can be oriented in any direction to match the MCCB orientation.



Integrated OAC output contact
Output contact assignable to a custom alarm with access behind the front cover. Available in Energy release



HHS040NR

h3+ MCCBs microprocessor LSIG - energy release

Characteristics:

- Complies with IEC 60947-2
- 3 Frame sizes: P160, P250 & P630
- Microprocessor Trip Unit with LSIG Protection, OLED Display
- Multifunction Metering with accuracy class 0.5 for V & I
- Adjustable Overload with Delay / Short Circuit with adjustable Delay / Ground Fault / Instantaneous
- I2T ON / OFF for precise coordination
- Pre Trip Alarm Contact to help in service continuity
- Alarm Management with dedicated alarm contact
- ZSI for intelligent discrimination
- Optional Panel mounted display for visualization and control
- Complete range of accessories
- Direct mounting arrangement for Extended Rotary Handle for quick installation
- International Certification and approvals

Breaking Capacity

Ics=100% Icu as per IEC 60947-2)	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
25kA	40A	P160	HHS040NR	58945	HHS041NR	65493
	100A		HHS100NR	58945	HHS101NR	65493
	160A	P250	HHS160NR	58976	HHS161NR	65660
	250A		HHT250NR	61021	HHT251NR	73161

Breaking Capacity

Ics=100% Icu as per IEC 60947-2)	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
40kA	40A	P160	HNS040NR	60508	HNS041NR	67103
	100A		HNS100NR	60508	HNS101NR	67103
	160A		HNS160NR	61503	HNS161NR	69703
	250A	P250	HNT250NR	62220	HNT251NR	74956
	400A		HNW400NR	93196	HNW401NR	104964
	630A		HNW630NR	105838	HNW631NR	130499

Breaking Capacity

Ics=100% Icu as per IEC 60947-2)	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
50kA	40A	P160	HMS040NR	61409	HMS041NR	68116
	100A		HMS100NR	61409	HMS101NR	68116
	160A		HMS160NR	57784	HMS161NR	70747
	250A	P250	HMT250NR	63144	HMT251NR	76077
	400A		HMW400NR	94586	HMW401NR	106849
	630A		HMW630NR	106887	HMW631NR	132449

h3+ Energy Release with embedded display



Energy electronic trip unit with:

- + Embedded OLED display (Detachable)
- + Easy usability through single Joystick
- + Measurement features (I, V, P, E, PF, THD, F...)
- + Class 0.5 accuracy for V & I according to IEC 61557-12
- + Alarm management and event histories
- + Inbuilt Output contacts for alarms
- + Modbus communication for remote monitoring and control
- + Configuration via wifi for easy maintenance
- + Panel display for Local Visualization & control
- + ZSI for Intelligent Discrimination

h3+ traditional version

Guaranteed protection

The new range of moulded case circuit breakers provides solutions suitable for electrical installations in commercial buildings. It offers reliable protection against overloads and short circuits.

The multiple setting options, created by coordinating the protection systems, offer the best possible combinations. This brings a threefold benefit: guaranteeing user and equipment safety under all conditions, ensuring continuity of service and availability of energy in normal operating situations, and, in case of transient faults, reducing the risks to the installation's components.

All products in the new range can be easily integrated in the hager enclosure systems.



- Most compact product on the market with measurement and communication.
- From 25 to 630 A
- Three frame sizes
- Can be mounted on the DIN rail in option up to 250 A
- TM, MAG, LSnl, LSI, LSIG and Energy trip units
- Breaking capacity of 25, 40, 50, 70 and 110 kA at 415 VAC
- 3P3D or 4P4D
(neutral adjustable to 0, 50 or 100 %)
- Wide range of auxiliaries and accessories
- Horizontal or vertical installation

01

Secure screw

The **quarter-turn** auxiliary access system saves time when installing the product. The secure screw offers additional comfort.



02

Hinged front cover

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



03

Auxiliary window

The type of auxiliaries 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.



All the technical specifications are available in the technical repository and the network calculation software, hagercad.net.



HXA011H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
P160 Frame			
Auxiliary Contact	1	▶ HXA021H	1547
Alarm Contact	1	▶ HXA024H	1577
Shunt 24V DC	1	HXA001H	3255
Shunt 230V AC	1	▶ HXA004H	3255
UnderVoltage - 24V DC	1	HXA011H	3923
UnderVoltage - 240V DC	1	▶ HXA014H	3923
UnderVoltage - 415V AC	1	HXA015H	3923
Direct Rotary Handle	1	HXS030H	1569
Extended Rotary Handle	1	HXS031H	2510
Spreaders - 3P	1	▶ HYS011H	854
Spreaders - 4P	1	▶ HYS012H	1110
Interphase barrier 3/4P	1	▶ HYS019H	528



HXA004H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
P250 Frame			
Auxiliary Contact	1	▶ HXA021H	1547
Alarm Contact	1	▶ HXA024H	1577
Shunt 24V DC	1	HXA001H	3255
Shunt 230V AC	1	▶ HXA004H	3255
UnderVoltage - 24V DC	1	HXA011H	3923
UnderVoltage - 240V DC	1	▶ HXA014H	3923
UnderVoltage - 415V AC	1	HXA015H	3923
Direct Rotary Handle	1	HXT030H	1714
Extended Rotary Handle	1	HXT031H	2728
Spreaders - 3P	1	▶ HYB011H	867
Spreaders - 4P	1	▶ HYB012H	1180
Interphase barrier 3/4P	1	HYT019H	536
Motor Mechanism (auto reset) 240V AC	1	HXT042H	31505



HXW030H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
P630 Frame			
Auxiliary Contact	1	▶ HXA021H	1547
Alarm Contact	1	▶ HXA024H	1577
Shunt 24V DC	1	HXA001H	3255
Shunt 230V AC	1	▶ HXA004H	3255
UnderVoltage - 24V DC	1	HXA011H	3923
UnderVoltage - 240V DC	1	▶ HXA014H	3923
UnderVoltage - 415V AC	1	HXA015H	3923
Direct Rotary Handle	1	▶ HXW030H	2621
Extended Rotary Handle	1	▶ HXW031H	4945
Spreaders - 3P	1	▶ HYD014H	2218
Spreaders - 4P	1	▶ HYD015H	2671
Interphase barrier 3/4P	1	HYW019H	1138
Motor Mechanism (auto reset) 240V AC	1	HXW042H	50199



HDA125Z

MCCBs thermal magnetic release

Characteristics:

- Complies with IEC 60947-2
- Thermal Magnetic and Microprocessor Trip Units
- Calibrated at 50°C

- Current Limiting type
- Complete range of accessories
- International Certification and approvals

X160 frame MCCB fixed overload, fixed short circuit breaking capacity Icu : 18kA

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
32A, 3 pole	1	HDA032Z	6942
40A, 3 pole	1	HDA040Z	6942
63A, 3 pole	1	▶ HDA063Z	6942
80A, 3 pole	1	HDA080Z	6942
100A, 3 pole	1	▶ HDA100Z	6942
125A, 3 pole	1	▶ HDA125Z	8595
160A, 3 pole	1	▶ HDA160Z	9277



HHA125Z

X160 frame MCCB fixed overload, fixed short circuit breaking capacity Icu : 25kA

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
32A, 3 pole	1	HHA032Z	8608
40A, 3 pole	1	▶ HHA040Z	8608
63A, 3 pole	1	▶ HHA063Z	8608
80A, 3 pole	1	▶ HHA080Z	8608
100A, 3 pole	1	▶ HHA100Z	8608
125A, 3 pole	1	▶ HHA125Z	11612
160A, 3 pole	1	▶ HHA160Z	14483

32A, 4 pole	1	HHA033Z	11739
40A, 4 pole	1	▶ HHA041Z	11739
63A, 4 pole	1	▶ HHA064Z	11739
80A, 4 pole	1	▶ HHA081Z	11739
100A, 4 pole	1	▶ HHA101Z	11739
125A, 4 pole	1	▶ HHA126Z	15012
160A, 4 pole	1	▶ HHA161Z	18214



HDA161U

X160 frame MCCB
overload adjustable 0.63-0.8-1 x In
short circuit fixed
 breaking capacity
 Icu : 18kA

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 3 pole	1	▶ HDA040U	7816
63A, 3 pole	1	▶ HDA063U	7816
80A, 3 pole	1	HDA080U	7816
100A, 3 pole	1	▶ HDA100U	7816
125A, 3 pole	1	▶ HDA125U	9297
160A, 3 pole	1	▶ HDA160U	10770

40A, 4 pole	1	▶ HDA041U	10231
63A, 4 pole	1	▶ HDA064U	10231
80A, 4 pole	1	▶ HDA081U	10231
100A, 4 pole	1	▶ HDA101U	10231
125A, 4 pole	1	▶ HDA126U	10848
160A, 4 pole	1	▶ HDA161U	12071



HHA161U

X160 frame MCCB
overload adjustable 0.63-0.8-1 x In
short circuit fixed
 breaking capacity
 Icu : 25kA

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 3 pole	1	HHA040U	9820
63A, 3 pole	1	▶ HHA063U	9820
80A, 3 pole	1	HHA080U	9820
100A, 3 pole	1	▶ HHA100U	9820
125A, 3 pole	1	▶ HHA125U	11969
160A, 3 pole	1	▶ HHA160U	14732

40A, 4 pole	1	HHA041U	13271
63A, 4 pole	1	HHA064U	13271
80A, 4 pole	1	HHA081U	13271
100A, 4 pole	1	▶ HHA101U	13271
125A, 4 pole	1	▶ HHA126U	15613
160A, 4 pole	1	▶ HHA161U	19096



HNA126U

X160 frame MCCB
overload adjustable 0.63-0.8-1 x In
short circuit fixed
 breaking capacity
 Icu : 40kA

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 3 pole	1	HNA040U	12147
63A, 3 pole	1	HNA063U	12147
80A, 3 pole	1	HNA080U	12147
100A, 3 pole	1	HNA100U	12147
125A, 3 pole	1	▶ HNA125U	14560
160A, 3 pole	1	▶ HNA160U	18214

40A, 4 pole	1	HNA041U	16136
63A, 4 pole	1	▶ HNA064U	16136
80A, 4 pole	1	▶ HNA081U	16136
100A, 4 pole	1	▶ HNA101U	16136
125A, 4 pole	1	▶ HNA126U	17501
160A, 4 pole	1	▶ HNA161U	20832



HNB100U

X250 frame MCCB
fixed overload, fixed short circuit
Icu : 25kA

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
200A, 3 pole	1	▶ HHB200Z	17781
250A, 3 pole	1	▶ HHB250Z	22209
200A, 4 pole	1	▶ HHB201Z	18489
250A, 4 pole	1	▶ HHB251Z	24142

Over load adjustable 0.63-0.8-1 x In
short circuit adjustable
6-8-10-13 x In (100-200A)
5-7-9-11 x In (250A)
Icu : 40kA

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
100A, 3 pole	1	HNB100U	13538
125A, 3 pole	1	HNB125U	15094
160A, 3 pole	1	HNB160U	19964
200A, 3 pole	1	▶ HNB200U	21188
250A, 3 pole	1	▶ HNB250U	28545
100A, 4 pole	1	HNB101U	17348
125A, 4 pole	1	HNB126U	18223
160A, 4 pole	1	HNB161U	22974
200A, 4 pole	1	▶ HNB201U	30708
250A, 4 pole	1	▶ HNB251U	34350

H1000 frame MCCB
Over load adjustable 0.4-1.0 x In
short circuit adjustable
2.5-10 x Ir (630-800A)
2.5-8 x In (1000A)
time delay 0.1-0.2 sec
Icu : 50kA

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
800A, 3 pole	1	▶ HNE800H	124371
1000A, 3 pole	1	HNE970H	146906
800A, 4 pole	1	▶ HNE801H	154423
1000A, 4 pole	1	HNE971H	195247



HCB251Z

MCCBs trip free switches

Switch disconnectors capacity suitable AC22/23A

X250 frame MCCB

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
250A, 3 pole	1	HCB250Z	17290
250A, 4 pole	1	HCB251Z	20190



HXA021H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
X160 Frame MCCB			
Auxiliary Contact	1	▶ HXA021H	1547
Alarm Contact	1	▶ HXA024H	1577
Shunt 24V DC	1	HXA001H	3255
Shunt 230V AC	1	▶ HXA004H	3255
UnderVoltage - 24V DC	1	HXA011H	3923
UnderVoltage - 240V AC	1	▶ HXA014H	3923
UnderVoltage - 415V AC	1	▶ HXA015H	3923
Direct Rotary Handle	1	HXA030H	1971
Extended Rotary Handle	1	▶ HXA031H	2770
Spreaders - 3P	1	▶ HYA014H	757
Speaders - 4P	1	▶ HYA015H	1017
Phase barriers - 3P / 4P	1	HYB019H	285
DIN Rail Adaptor	1	HYA033H	559



HXA030H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
X250 Frame MCCB			
Auxiliary Contact	1	▶ HXA021H	1547
Alarm Contact	1	▶ HXA024H	1577
Shunt 24V DC	1	HXA001H	3255
Shunt 230V AC	1	▶ HXA004H	3255
UnderVoltage - 24V DC	1	HXA011H	3923
UnderVoltage - 240V AC	1	▶ HXA014H	3923
UnderVoltage - 415V AC	1	HXA015H	3923
Direct Rotary Handle	1	HXB030H	2074
Extended Rotary Handle	1	▶ HXB031H	3090
Motor Operator 240VAC	1	HXB042H	31857
Spreaders - 3P	1	▶ HYB011H	867
Speaders - 4P	1	▶ HYB012H	1180
Phase barriers - 3P / 4P	1	HYB019H	285
Mechanical Interlock	1	HXB065H	19742



HXC021H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
H1000 Frame MCCB			
Auxiliary Contact	1	HXC021H	1678
Alarm Contact	1	HXC024H	1678
Shunt 24V DC	1	HXC001H	3890
Shunt 230V AC	1	HXC004H	3890
UnderVoltage - 24V DC	1	HXE011H	3422
UnderVoltage - 240V AC	1	HXE014H	3422
UnderVoltage - 415V AC	1	HXE015H	3422
Direct Rotary Handle	1	HXE030H	4445
Extended Rotary Handle	1	▶ HXE031H	7996
Motor Operator 240VAC	1	HXE042H	51677
Mechanical Interlock	1	HXE065H	121814



HBA161H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
X160 Frame MCCB Add on block			
"Idn=300mA fixed sensitivity instantaneous tripping", 125A, 3 Pole	1	HBA127H	22375
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 3 Pole	1	HBA125H	25942
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 3 Pole	1	HBA160H	27735
"Idn=300 mA fixed sensitivity instantaneous tripping", 125A, 4 Pole	1	HBA128H	23274
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 4 Pole	1	HBA126H	26848
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 4 Pole	1	HBA161H	28637
X250 Frame MCCB Add on block			
Adjustable sensitivity till 6A, Adjustable tripping 1s, 250A, 4 Pole	1	HBB251H	34896



Power Contactor

Characteristics:

- 9A to 630 A Rated Current - 690V insulation voltage - Wide operating coil - 3 pole

Model	AC3 Rating (A)	Coil voltage	Aux	Pack Qty.	Cat. Ref.	Unit MRP (₹)
HWC-09	9A	110V 50/60Hz	1NO+1NC	1	EX000911C	1050
	9A	230V 50/60Hz	1NO+1NC	1	EX000911D	1050
	9A	415V 50/60Hz	1NO+1NC	1	EX000911E	1050
HWC-12	12A	110V 50/60Hz	1NO+1NC	1	EX001211C	1170
	12A	230V 50/60Hz	1NO+1NC	1	EX001211D	1170
	12A	415V 50/60Hz	1NO+1NC	1	EX001211E	1170
HWC-16	16A	110V 50/60Hz	1NO+1NC	1	EX001611C	1338
	16A	230V 50/60Hz	1NO+1NC	1	EX001611D	1338
	16A	415V 50/60Hz	1NO+1NC	1	EX001611E	1338
HWC-18	18A	110V 50/60Hz	1NO+1NC	1	EX001811C	1338
	18A	230V 50/60Hz	1NO+1NC	1	EX001811D	1338
	18A	415V 50/60Hz	1NO+1NC	1	EX001811E	1338
HWC-22	22A	110V 50/60Hz	1NO+1NC	1	EX002211C	1912
	22A	230V 50/60Hz	1NO+1NC	1	EX002211D	1912
	22A	415V 50/60Hz	1NO+1NC	1	EX002211E	1912
HWC-25	25A	110V 50/60Hz	1NO+1NC	1	EX002511C	1912
	25A	230V 50/60Hz	1NO+1NC	1	EX002511D	1912
	25A	415V 50/60Hz	1NO+1NC	1	EX002511E	1912
HWC-32	32A	110V 50/60Hz	1NO+1NC	1	EX003211C	3825
	32A	230V 50/60Hz	1NO+1NC	1	EX003211D	3825
	32A	415V 50/60Hz	1NO+1NC	1	EX003211E	3825
HWC-40	40A	110V 50/60Hz	1NO+1NC	1	EX004011C	6024
	40A	230V 50/60Hz	1NO+1NC	1	EX004011D	6024
	40A	415V 50/60Hz	1NO+1NC	1	EX004011E	6024
HWC-50	50A	110V 50/60Hz	1NO+1NC	1	EX005011C	7477
	50A	230V 50/60Hz	1NO+1NC	1	EX005011D	7477
	50A	415V 50/60Hz	1NO+1NC	1	EX005011E	7477
HWC-65	65A	110V 50/60Hz	1NO+1NC	1	EX006511C	10131
	65A	230V 50/60Hz	1NO+1NC	1	EX006511D	10131
	65A	415V 50/60Hz	1NO+1NC	1	EX006511E	10131
HWC-75	75A	110V 50/60Hz	1NO+1NC	1	EX007511C	13146
	75A	230V 50/60Hz	1NO+1NC	1	EX007511D	13146
	75A	415V 50/60Hz	1NO+1NC	1	EX007511E	13146
HWC-85	85A	110V 50/60Hz	1NO+1NC	1	EX008511C	13146
	85A	230V 50/60Hz	1NO+1NC	1	EX008511D	13146
	85A	415V 50/60Hz	1NO+1NC	1	EX008511E	13146
HWC-100	100A	110V 50/60Hz	1NO+1NC	1	EX010011C	16407
	100A	230V 50/60Hz	1NO+1NC	1	EX010011D	16407
	100A	415V 50/60Hz	1NO+1NC	1	EX010011E	16407
HWC-160	160A	110V 50/60Hz	2NO+2NC	1	EX016022C	25331
	160A	230V 50/60Hz	2NO+2NC	1	EX016022D	25331
	160A	415V 50/60Hz	2NO+2NC	1	EX016022E	25331
HWC-185	185A	110V 50/60Hz	2NO+2NC	1	EX018522C	27018
	185A	230V 50/60Hz	2NO+2NC	1	EX018522D	27018
	185A	415V 50/60Hz	2NO+2NC	1	EX018522E	27018
HWC-225	225A	110V 50/60Hz	2NO+2NC	1	EX022522C	29338
	225A	230V 50/60Hz	2NO+2NC	1	EX022522D	29338
	225A	415V 50/60Hz	2NO+2NC	1	EX022522E	29338
HWC-265	265A	110V AC/DC	2NO+2NC	1	EX026522C	37625
	265A	230V AC/DC	2NO+2NC	1	EX026522G	37625
	265A	415V AC/DC	2NO+2NC	1	EX026522H	37625
HWC-330	330A	110V AC/DC	2NO+2NC	1	EX033022F	49078
	330A	230V AC/DC	2NO+2NC	1	EX033022G	49078
	330A	415V AC/DC	2NO+2NC	1	EX033022H	49078
HWC-400	400A	110V AC/DC	2NO+2NC	1	EX040022F	62392
	400A	230V AC/DC	2NO+2NC	1	EX040022G	62392
	400A	415V AC/DC	2NO+2NC	1	EX040022H	62392
HWC-630	630A	110V AC/DC	2NO+2NC	1	EX063022F	87879
	630A	230V AC/DC	2NO+2NC	1	EX063022G	87879
	630A	415V AC/DC	2NO+2NC	1	EX063022H	87879



OLR (OverLoad Relay)

Characteristics:

- Phase loss protection
- Auto and Manual reset
- Three Phase bimetal for overload protection
- Applicable for 3P HWC Contactor Range

Model	Overload Protection Range	Pack Qty.	Cat. Ref.	Unit MRP (₹)
HWR-25	1.6-2.5A	1	EXB00025B	1782
	2.5-4A	1	EXB00004B	1782
	4-6A	1	EXB00006B	1782
	5.5-8A	1	EXB00008B	1782
	7-10A	1	EXB00010B	1782
	9-13A	1	EXB00013B	1782
	12-18A	1	EXB00018B	1782
	17-25A	1	EXB000025B	1782
HWR-38	23A-32A	1	EXB00032C	3098
	30A-38A	1	EXB00038C	3098
	23A-32A	1	EXB000032C	5450
	30A-40A	1	EXB00040C	5450
HWR-100	37A-50A	1	EXB00050C	5450
	48A-65A	1	EXB00065C	5450
	55A-70A	1	EXB00070C	5450
	63A-80A	1	EXB00080C	5450
	80A-100A	1	EXB00100C	5450
HWR-200	100A-200A	1	EXB00200E	18549
	125A-250A	1	EXB00250F	22206
HWR-630	200A-400A	1	EXB00400F	22206
	315A-630A	1	EXB00630F	22206

Accessories for Power Contactor

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Aux Contact 2NO Top Mounted	10	EXA000	418
Aux Contact 1NO+1NC Top Mounted	10	EXA001	418
Aux Contact 2NC Top Mounted	10	EXA002	418
Aux Contact 4NO Top Mounted	10	EXA003	794
Aux Contact 3NO+1NC Top Mounted	10	EXA004	794
Aux Contact 2NO+2NC Top Mounted	10	EXA005	794
Aux Contact 1NO+3NC Top Mounted	10	EXA006	794
Aux Contact 1NC Top Mounted	10	EXA007	794
Aux Contact 1NO+1NC Side Mounted HWC-06~225	10	EXA111	826
Aux Contact 1NO+1NC Side Mounted HWC-265~630	10	EXA112	826
HWC-09-22 coil 110V 50/60Hz	5	EXA201	784
HWC-09-22 coil 230V 50/60Hz	5	EXA202	784
HWC-09-22 coil 415V 50/60Hz	5	EXA203	784
HWC-25-32 coil 110V 50/60Hz	7	EXA211	815
HWC-25-32 coil 230V 50/60Hz	7	EXA212	815
HWC-25-32 coil 415V 50/60Hz	7	EXA213	815
HWC-40-65 coil 110V 50/60Hz	2	EXA221	1150
HWC-40-65 coil 230V 50/60Hz	2	EXA222	1150
HWC-40-65 coil 415V 50/60Hz	2	EXA223	1150
HWC-75-100 coil 110V 50/60Hz	2	EXA231	1463
HWC-75-100 coil 230V 50/60Hz	2	EXA232	1463
HWC-75-100 coil 415V 50/60Hz	2	EXA233	1463



MPCB (Motor Protection Circuit Breaker)

Characteristics:

- 10A Trip Class (10 for Fr-80)
- Class III pollution degree
- Available in 3P version

Frame	Rated Current (A)	Overload Protection Range	Breaking Capacity Icu	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Fr-25	0.16	0.1-0.16A	100	1	MMB50100	3125
	0.25	0.16-0.25A	100	1	MMB50200	3125
	0.4	0.25-0.4A	100	1	MMB50300	3125
	0.63	0.4-0.63A	100	1	MMB50400	3125
	1	0.63-1A	100	1	MMB50500	3125
	1.6	1-1.6A	100	1	MMB50600	3125
	2.5	1.6-2.5A	100	1	MMB50700	3125
	4	2.5-4A	100	1	MMB50800	3125
	6.3	4-6.3A	100	1	MMB50900	3125
	10	6-10A	100	1	MMB51000	3125
	14	9-14A	100	1	MMB51100	3125
	18	13-18A	100	1	MMB51200	3125
	23	17-23A	100	1	MMB51300	3125
	25	20-25A	100	1	MMB51400	3125
Fr-80	32	23-32A	50	1	MMB51600	13726
	40	30-40A	50	1	MMB51500	13726
	65	48-65A	50	1	MMB51700	13726
	80	63-80A	50	1	MMB51800	13726

Accessories for MPCB

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Fr-25 Alarm contact side mounted (1NC for fault alarm+1NO for Aux)	3	MMA01	1000
Fr-25 & Fr-80 MPCB Aux contact top mounted (1NO+1NC)	20	MMA02	1000
Fr-25 & Fr-80 MPCB Aux contact side mounted (1NO+1NC)	4	MMA03	1000
Fr-25 & Fr-80 MPCB Aux contact side mounted (2NO)	4	MMA04	1000



HI451I



HZC101I



HZC204I



VYE63M

Manual changeover switches

Characteristics:

- Comply with EN 60 947-3
- Manual changeover switches,
- Rating 63 to 100A
- Allows manual switch,
- changeover switch or on load
- power circuit permutation
- Connection with terminals
- For safety breaking:
- 4P
- mounting on perforated plates or crossbars
- lockable on position: I, O or II

Changeover switches

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
63A	1	▶ HI403I	6810
100A	1	▶ HI405I	9949
125A	1	▶ HI451I	15137
160A	1	▶ HI452I	16616
250A	1	▶ HI454I	27807
400A	1	▶ HI456I	41214
630A	1	▶ HI458I	50671
800A	1	HI460I	81845
1250A	1	HI462I	174574
1600A	1	HI464I	334724

* includes bridging bars & external handle

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
External handle			
for HI 125 to 630A	1	HZI002I	1265
for HI 800 to 1600A	1	HZI003I	2817
Shaft extension			
for HI 125 to 630A, 200mm	1	HZC101I	524
for HI 125 to 630A, 320mm	1	HZC102I	666
for HI 800 to 1600A, 200mm	1	HZC105I	1633
for HI 800 to 1600A, 320mm	1	HZC106I	1925
Terminal shrouds			
for HI 125 to 200A	1	HZC202I	912
Top and bottom (2 pieces / packaging)			
for HI 200 to 400A	1	HZC204I	2008
for HI 400 to 630A	1	HZC206I	2375
Auxiliaries contacts			
for HI 125 to 1600A, 1NO + 1NC	1	HZ160I	899
Terminal shield			
for HI460I	1	HZ163MI	#
Top and bottom			
for HI462I and HI464I	1	HZ164MI	#

- Prices available upon request

MCOS enclosures

Characteristics:

- Rating: 63 – 1600A
- Changeover: 4P type
- Door: Hinged type single door
- Mounting: Surface type
- Preassembled with Manual COS
- Padlocking facility
- Removable gland plate
- Gasket protection

Description	Pack Qty.	Rating	Cat. Ref.	Unit MRP (₹)
63A FP MCOS Hinged Door Box	1	63A	▶ VYE63M	8328
100A FP MCOS Hinged Door Box	1	100A	▶ VYE100M	11074
125A FP MCOS Hinged Door Box	1	125A	▶ VYE125M	15762
160A FP MCOS Hinged Door Box	1	160A	▶ VYE160M	17271
250A FP MCOS Hinged Door Box	1	250A	▶ VYE250M	27748
400A FP MCOS Hinged Door Box	1	400A	VYE400M	42448
630A FP MCOS Hinged Door Box	1	630A	VYE630M	49208
800A FP MCOS Hinged Door Box	1	800A	VYE800M	81041
1250A FP MCOS Hinged Door Box	1	1250A	VYE1250M	178813



HIB412I

Automatic transfer switches

Characteristics:

- Motorized changeover switches
- Rating 125 to 1600A
- Allows automated switch, changeover switch or on load power circuit permutation
- For safety breaking
- 4P version
- Padlocking in OFF position
- Mounting on plain or perforated plate
- Controller HZI815I controls HIB switches
- Comply with NF EN 60 947-3

Motorized changeover switches (In)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
125A	1	▶ HIB412I	65122
160A	1	▶ HIB416I	75186
250A	1	▶ HIB425I	93879
400A	1	▶ HIB440I	115562
630A	1	HIB463I	151634
800A	1	HIB480I	214925
1000A	1	HIB490I	226033
1250A	1	HIB491I	376765
1600A	1	HIB492I	351005

* includes bridging bars & external handle

* controller to be ordered separately

Automatic Transfer Relays

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Controller	1	▶ HZI815I	26459

Terminal shrouds top and bottom (2 pieces / packaging)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
for switches 125 to 160A	1	HZC202I	912
for switches 200 to 400A	1	HZC204I	2008
for switches 400A to 630A	1	HZC206I	2375

Terminal covers

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
for switches 125 to 160A	1	HZI201I	666
for switches 250 to 400A	1	HZI202I	899
for switches 630A	1	HZI203I	1035
for switches 800 to 1250A	1	HZI204I	1191
for switches 1600A	1	HZI205I	1633

HZI815I must be ordered along with Motorized changeover for Auto transfer switch to function

- Prices available upon request



EKS306B

SPN - Automatic changeover and current limiter

Characteristics:

- IEC 60947 - 3, IEC 60947 - 6
- SPN Modular
- Voltage: 150VAC to 300VAC
- 6000 Operations

- Blinking LED for overload and permanent
- LED for overload Trip
- Different LED colors for clear differentiation between functions

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 30A, Genset 1.5A	1	▶ EKS301B	2556
Mains 30A, Genset 2.5A	1	▶ EKS302B	2556
Mains 30A, Genset 3A	1	▶ EKS303B	2556
Mains 30A, Genset 4A	1	EKS304B	2556
Mains 30A, Genset 5A	1	▶ EKS305B	2556
Mains 30A, Genset 6A	1	▶ EKS306B	2556
Mains 30A, Genset 9A	1	▶ EKS309B	2556
Mains 30A, Genset 12A	1	EKS312B	2556
Mains 30A, Genset 15A	1	EKS315B	2556
Mains 30A, Genset 20A	1	▶ EKS320B	2556
Mains 30A, Genset 30A (without current limiting)	1	▶ EKS330B	2556



EKT406SG

TPN - Automatic Changeover and Current Limiter

Characteristics:

- IEC 60947 - 6
- TPN / TPN & TPN / SPN
- Voltage: 150VAC to 300VAC

- 10000 Operations
- Genset Start / Stop as standard

TPN / SPN

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 6A	1	EKT406SG	13186
Mains 40A, Genset 10A	1	EKT410SG	13186
Mains 40A, Genset 16A	1	EKT416SG	13186
Mains 40A, Genset 20A	1	EKT420SG	13186
Mains 40A, Genset 25A	1	EKT425SG	13186
Mains 40A, Genset 30A	1	EKT430SG	13186
Mains 63A, Genset 6A	1	EKT606SG	19462
Mains 63A, Genset 10A	1	EKT610SG	19462
Mains 63A, Genset 16A	1	EKT616SG	19462
Mains 63A, Genset 20A	1	EKT620SG	19462
Mains 63A, Genset 25A	1	EKT625SG	19462
Mains 63A, Genset 30A	1	EKT630SG	19462
Mains 63A, Genset 40A	1	EKT640SG	19462

TPN / TPN

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 6A	1	EKT406TG	13812
Mains 40A, Genset 10A	1	EKT410TG	13812
Mains 40A, Genset 16A	1	EKT416TG	13812
Mains 40A, Genset 20A	1	EKT420TG	13812
Mains 40A, Genset 25A	1	EKT425TG	13812
Mains 40A, Genset 30A	1	EKT430TG	13812
Mains 63A, Genset 6A	1	EKT606TG	20089
Mains 63A, Genset 10A	1	EKT610TG	20089
Mains 63A, Genset 16A	1	EKT616TG	20089
Mains 63A, Genset 20A	1	EKT620TG	20089
Mains 63A, Genset 25A	1	EKT625TG	20089
Mains 63A, Genset 30A	1	EKT630TG	20089
Mains 63A, Genset 40A	1	EKT640TG	20089

TPN / TPN

(without current limiting)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 40A	1	▶ EKT440TG	13812
Mains 63A, Genset 63A	1	▶ EKT663TG	33263

*80/80A and 100/100A ACCL also available upon request



NCN106N



NCN206N



NCN306N



NCN406N

Miniature circuit breakers - type NBN---N, NCN---N

Characteristics:

- Conforms to IS/IEC 60898 - 1:2002, IEC 60898 - 1995
- Curve B & C
- 2P Suitable for 1P+N application; 4P Suitable for TP+N application
- 10 kA as per IEC 60898
- ISI Marked

Description	Pack Qty.	Cat. Ref. Curve B	Unit MRP (₹)	Cat. Ref. Curve C	Unit MRP (₹)
Single Pole					
0.5A, 1 module	12	-	-	NCN100N	611
1A, 1 module	12	-	-	NCN101N	611
2A, 1 module	12	-	-	NCN102N	611
3A, 1 module	12	-	-	NCN103N	611
4A, 1 module	12	-	-	NCN104N	611
6A, 1 module	12	NBN106N	394	NCN106N	377
10A, 1 module	12	NBN110N	394	NCN110N	377
16A, 1 module	12	NBN116N	394	NCN116N	377
20A, 1 module	12	NBN120N	394	NCN120N	377
25A, 1 module	12	NBN125N	394	NCN125N	377
32A, 1 module	12	NBN132N	394	NCN132N	377
40A, 1 module	12	NBN140N	853	NCN140N	867
50A, 1 module	12	NBN150N	853	NCN150N	867
63A, 1 module	12	NBN163N	853	NCN163N	867
Double Pole (Suitable for 1P+N application)					
0.5A, 2 module	6	-	-	NCN200N	1708
1A, 2 module	6	-	-	NCN201N	1708
2A, 2 module	6	-	-	NCN202N	1708
3A, 2 module	6	-	-	NCN203N	1708
4A, 2 module	6	-	-	NCN204N	1708
6A, 2 module	6	NBN206N	1191	NCN206N	1261
10A, 2 module	6	NBN210N	1191	NCN210N	1261
16A, 2 module	6	NBN216N	1191	NCN216N	1261
20A, 2 module	6	NBN220N	1191	NCN220N	1261
25A, 2 module	6	NBN225N	1191	NCN225N	1261
32A, 2 module	6	NBN232N	1191	NCN232N	1261
40A, 2 module	6	NBN240N	1911	NCN240N	1993
50A, 2 module	6	NBN250N	1911	NCN250N	1993
63A, 2 module	6	NBN263N	1911	NCN263N	1993
Triple Pole					
0.5A, 3 modules	4	-	-	NCN300N	2520
1A, 3 modules	4	-	-	NCN301N	2520
2A, 3 modules	4	-	-	NCN302N	2520
3A, 3 modules	4	-	-	NCN303N	2520
4A, 3 modules	4	-	-	NCN304N	2520
6A, 3 modules	4	NBN306N	2026	NCN306N	2022
10A, 3 modules	4	NBN310N	2026	NCN310N	2022
16A, 3 modules	4	NBN316N	2026	NCN316N	2022
20A, 3 modules	4	NBN320N	2026	NCN320N	2022
25A, 3 modules	4	NBN325N	2026	NCN325N	2022
32A, 3 modules	4	NBN332N	2026	NCN332N	2022
40A, 3 modules	4	NBN340N	3060	NCN340N	3068
50A, 3 modules	4	NBN350N	3060	NCN350N	3068
63A, 3 modules	4	NBN363N	3060	NCN363N	3068
Four Pole (Suitable for 3P+N application)					
0.5A, 4 modules	3	-	-	NCN400N	3138
1A, 4 modules	3	-	-	NCN401N	3138
2A, 4 modules	3	-	-	NCN402N	3138
3A, 4 modules	3	-	-	NCN403N	3138
4A, 4 modules	3	-	-	NCN404N	3138
6A, 4 modules	3	NBN406N	2604	NCN406N	2741
10A, 4 modules	3	NBN410N	2604	NCN410N	2741
16A, 4 modules	3	NBN416N	2604	NCN416N	2741
20A, 4 modules	3	NBN420N	2604	NCN420N	2741
25A, 4 modules	3	NBN425N	2604	NCN425N	2741
32A, 4 modules	3	NBN432N	2604	NCN432N	2741
40A, 4 modules	3	NBN440N	3756	NCN440N	3907
50A, 4 modules	3	NBN450N	3756	NCN450N	3907
63A, 4 modules	3	NBN463N	3756	NCN463N	3907



NDN106N



NDN206N



NDN306N



NDN406N

Miniature circuit breakers - type NDN---N

Characteristics:

- Conforms to IS/IEC 60898 - 1:2002, IEC 60898 - 1995
- 10 kA as per IEC 60898
- Curve D
- ISI Marked

Description	Pack Qty.	Cat. Ref. Curve D	Unit MRP (₹)
Single Pole			
0.5A, 1 module	12	NDN100N	616
1A, 1 module	12	NDN101N	616
2A, 1 module	12	NDN102N	616
3A, 1 module	12	NDN103N	616
4A, 1 module	12	NDN104N	616
6A, 1 module	12	▶ NDN106N	535
10A, 1 module	12	▶ NDN110N	535
16A, 1 module	12	▶ NDN116N	535
20A, 1 module	12	▶ NDN120N	535
25A, 1 module	12	▶ NDN125N	535
32A, 1 module	12	▶ NDN132N	535
40A, 1 module	12	NDN140N	953
50A, 1 module	12	NDN150N	953
63A, 1 module	12	NDN163N	953
Double Pole (Suitable for 1P+N application)			
0.5A, 2 modules	6	NDN200N	1737
1A, 2 modules	6	NDN201N	1737
2A, 2 modules	6	NDN202N	1737
3A, 2 modules	6	NDN203N	1737
4A, 2 modules	6	NDN204N	1737
6A, 2 modules	6	▶ NDN206N	1291
10A, 2 modules	6	NDN210N	1291
16A, 2 modules	6	▶ NDN216N	1291
20A, 2 modules	6	▶ NDN220N	1291
25A, 2 modules	6	▶ NDN225N	1291
32A, 2 modules	6	▶ NDN232N	1291
40A, 2 modules	6	▶ NDN240N	2122
50A, 2 modules	6	NDN250N	2122
63A, 2 modules	6	▶ NDN263N	2122
Triple Pole			
0.5A, 3 modules	4	NDN300N	2596
1A, 3 modules	4	NDN301N	2596
2A, 3 modules	4	NDN302N	2596
3A, 3 modules	4	NDN303N	2596
4A, 3 modules	4	NDN304N	2596
6A, 3 modules	4	NDN306N	2091
10A, 3 modules	4	NDN310N	2091
16A, 3 modules	4	NDN316N	2091
20A, 3 modules	4	NDN320N	2091
25A, 3 modules	4	NDN325N	2091
32A, 3 modules	4	▶ NDN332N	2091
40A, 3 modules	4	▶ NDN340N	3202
50A, 3 modules	4	NDN350N	3202
63A, 3 modules	4	▶ NDN363N	3202
Four Pole (Suitable for 3P+N application)			
0.5A, 4 modules	3	NDN400N	3197
1A, 4 modules	3	NDN401N	3197
2A, 4 modules	3	NDN402N	3197
3A, 4 modules	3	NDN403N	3197
4A, 4 modules	3	NDN404N	3197
6A, 4 modules	3	NDN406N	2780
10A, 4 modules	3	NDN410N	2780
16A, 4 modules	3	NDN416N	2780
20A, 4 modules	3	NDN420N	2780
25A, 4 modules	3	NDN425N	2780
32A, 4 modules	3	▶ NDN432N	2780
40A, 4 modules	3	▶ NDN440N	4142
50A, 4 modules	3	NDN450N	4142
63A, 4 modules	3	▶ NDN463N	4142



HLF199S



HLF499S



MZ215

Miniature circuit breakers - type HLF---S

Characteristics:

- Conforms to IEC 60898 - 1995, IEC 60947 - II
- 10 kA as per IEC 60898
- Curve C

Description	Pack Qty.	Cat. Ref. Curve C	Unit MRP (₹)
Single Pole			
80A, 1.5 modules	1	▶ HLF180S	3512
100A, 1.5 modules	1	▶ HLF190S	3905
125A, 1.5 modules	1	▶ HLF199S	4256
Double Pole			
80A, 3 modules	1	HLF280S	7775
100A, 3 modules	1	▶ HLF290S	8209
125A, 3 modules	1	HLF299S	8946
Triple Pole			
80A, 4.5 modules	1	▶ HLF380S	12230
100A, 4.5 modules	1	▶ HLF390S	12905
125A, 4.5 modules	1	HLF399S	14177
Four Pole			
80A, 6 modules	1	▶ HLF480S	15909
100A, 6 modules	1	▶ HLF490S	16376
125A, 6 modules	1	▶ HLF499S	18432

Auxiliaries & accessories for MCBs, RCCBs & RCBs

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Auxiliary contact (1NO + 1NC), 0.5 module (For MCBs only)	1	▶ MZ201	1518
Trip alarm contact (1NO + 1NC), 0.5 module (For MCBs only)	1	▶ MZ202	1793
Shunt trip 230V AC, 1 module	1	▶ MZ203	4370
Shunt trip 12-48V DC, 1 module	1	MZ204	4370
Undervoltage release, 230V AC, 1 module	1	▶ MZ206	3757
MCB Locking kit	2	MZN175	867
Auxiliary + alarm switch (for RCCB), 1 module	1	▶ CZ001	2867
Overvoltage release, 230V AC, U _c > 280V, 1 module	1	▶ MZ209	4427
Overvoltage + Low voltage release, 230V AC, 60V AC < U < 170V AC, U > 267V AC, 1 module	1	▶ MZ215	5946
Overvoltage release, 230V AC, U > 275 V AC, 3 phase in 1 module Suitable for 3Ph+N	1	▶ MZ216	7982

Use of MZ203/204/205/206/209/215/216 on RCCBs require use of interface auxiliary CZ001



CD240Y

RCCBs

Characteristics:

- Conforms to IEC 61008
- IS12640-1
- ISI Marked

- Protects a circuit automatically in the event of an earth leakage
- With earth fault indicator & positive contact indication

Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
Double Pole				
16A, 2 modules	1	10 mA	CC216Y	9908
25A, 2 modules	1	10 mA	CC225Y	11363
	1	30 mA	▶ CD225Y	4200
	1	100 mA	▶ CE225Y	4708
	1	300 mA	▶ CF225Y	4727
40A, 2 modules	1	30 mA	▶ CD240Y	4919
	1	100 mA	▶ CE240Y	5309
	1	300 mA	▶ CF240Y	5474
63A, 2 modules	1	30 mA	▶ CD263Y	5939
	1	100 mA	▶ CE263Y	6419
	1	300 mA	▶ CF263Y	6466
100A, 2 modules	1	30 mA	CDC284Y	16155
	1	300 mA	CEC284Y	16155



CD440Y

Four Pole

25A, 4 modules	1	30 mA	▶ CD425Y	5937
	1	100 mA	▶ CE425Y	6178
	1	300 mA	▶ CF425Y	6300
40A, 4 modules	1	30 mA	▶ CD440Y	5807
	1	100 mA	▶ CE440Y	6220
	1	300 mA	▶ CF440Y	6421
63A, 4 modules	1	30 mA	▶ CD463Y	6577
	1	100 mA	▶ CE463Y	7412
	1	300 mA	▶ CF463Y	7412
100A, 4 modules	1	30 mA	▶ CDC484Y	16304
	1	100 mA	▶ CEC484Y	16304
	1	300 mA	▶ CFC484Y	16562



CH240J

RCCBs - type Hi (high immunity)

Characteristics:

- Conforms to IEC 61008 & EMC standard EN 61543
- For electrical networks with high harmonics / pulsated DC currents and transients

- With earth fault indicator & positive contact indication

Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
Double Pole				
25A, 2 modules	1	30 mA	▶ CH225J	8995
	1	300 mA	CQ225J	8665
40A, 2 modules	1	30 mA	▶ CH240J	9366
	1	300 mA	▶ CQ240J	8966
63A, 2 modules	1	30 mA	CH263J	9637
	1	300 mA	▶ CQ263J	9440



CH440J

Four Pole

25A, 4 modules	1	30 mA	CH425J	10131
	1	300 mA	CQ425J	9628
40A, 4 modules	1	30 mA	▶ CH440J	10459
	1	300 mA	CQ440J	10032
63A, 4 modules	1	30 mA	CH463J	10640
	1	300 mA	CQ463J	10346



AD956Y

RCBOs - 2 pole 2 modules

Characteristics:

- Conforms to IEC 61009
- Breaking capacity 6kA

- Two pole compact device for overload, short-circuit and
- earth leakage protection, with earth fault indicator

Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
Double Pole				
6A, 2 modules	1	30 mA	▶ AD956Y	6308
	1	100mA	AE956Y	6437
	1	300 mA	AF956Y	6677
10A, 2 modules	1	30 mA	▶ AD960Y	6308
	1	100mA	AE960Y	6437
	1	300 mA	AF960Y	6677
16A, 2 modules	1	30 mA	▶ AD966Y	6308
	1	100 mA	AE966Y	6437
	1	300 mA	AF966Y	6677
20A, 2 modules	1	30 mA	▶ AD970Y	6308
	1	100 mA	AE970Y	6437
	1	300 mA	AF970Y	6677
25A, 2 modules	1	30 mA	▶ AD975Y	6308
	1	100mA	▶ AE975Y	6437
	1	300 mA	AF975Y	6677
32A, 2 modules	1	30 mA	▶ AD982Y	6634
	1	100mA	▶ AE982Y	6620
	1	300 mA	AF982Y	7026
40A, 2 modules	1	30 mA	▶ AD990Y	7867
	1	100mA	▶ AE990Y	8048
	1	300 mA	AF990Y	7915



ADH975

RCBOs - type Hi (high immunity)

Characteristics:

- Conforms to IEC 61009
- Breaking capacity 6kA

- For electrical networks with high harmonics / pulsated
- DC components with earth fault indicator

Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
Double Pole				
6A, 2 modules	1	30 mA	ADH956	11409
	1	300 mA	AFH956	12076
10A, 2 modules	1	30 mA	ADH960	11409
	1	300 mA	AFH960	12076
16A, 2 modules	1	30 mA	▶ ADH966	11409
	1	300 mA	▶ AFH966	12076
20A, 2 modules	1	30 mA	▶ ADH970	11409
	1	300 mA	AFH970	12076
25A, 2 modules	1	30 mA	▶ ADH975	11409
	1	300 mA	AFH975	12076
32A, 2 modules	1	30 mA	▶ ADH982	12923
40A, 2 modules	1	30 mA	▶ ADH990	15255



ADC225Y

RCBO, RCD+MCB modules

Characteristics:

- Conforms to IEC 61009-1
- Breaking capacity 10kA
- CE / ISI Marked
- RoHS compliant

- Type AC
- Two pole and four pole device for overload, short-circuit and earth leakage protection, with earth fault indicator

Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
Double Pole				
6A, 4 modules	1	30 mA	▶ ADC206Y	5145
	1	100 mA	AEC206Y	6402
10A, 4 modules	1	30 mA	▶ ADC210Y	5331
	1	100 mA	AEC210Y	6402
16A, 4 modules	1	30 mA	▶ ADC216Y	4931
	1	100 mA	▶ AEC216Y	6154
	1	300 mA	AFC216Y	6367
25A, 4 modules	1	30 mA	▶ ADC225Y	5076
	1	100 mA	▶ AEC225Y	6459
	1	300 mA	AFC225Y	6806
32A, 4 modules	1	30 mA	▶ ADC232Y	5387
	1	100 mA	▶ AEC232Y	6305
	1	300 mA	AFC232Y	6583
40A, 4 modules	1	30 mA	▶ ADC240Y	6410
	1	100 mA	▶ AEC240Y	7095
	1	300 mA	▶ AFC240Y	7294
63A, 4 modules	1	30 mA	▶ ADC263Y	8203
	1	100 mA	AEC263Y	8771
	1	300 mA	AFC263Y	8921



ADC425Y

Four Pole

16A, 6 modules	1	30 mA	▶ ADC416Y	6940
	1	100 mA	▶ AEC416Y	7821
	1	300 mA	AFC416Y	8069
25A, 6 modules	1	30 mA	▶ ADC425Y	7420
	1	100 mA	▶ AEC425Y	8013
	1	300 mA	▶ AFC425Y	8321
32A, 7 modules	1	30 mA	▶ ADC432Y	7158
	1	100 mA	▶ AEC432Y	7810
	1	300 mA	▶ AFC432Y	8049
40A, 7 modules	1	30 mA	▶ ADC440Y	7265
	1	100 mA	▶ AEC440Y	7911
	1	300 mA	▶ AFC440Y	7939
63A, 7 modules	1	30 mA	▶ ADC463Y	8942
	1	100 mA	AEC463Y	9421
	1	300 mA	AFC463Y	9585



BTC480E

RCD add-on blocks for HLF MCBs (80-125A)

Characteristics:

- Conforms to:
 - IEC 61009 part 1:1996
 - IEC 60947 part 2:1996
- Rating: 125A (suitable for 80, 100 & 125A HLF MCBs)
- Voltage: 415 V AC, 50 Hz
- Type Hi: for electrically disturbed networks having transients, harmonics & pulsated DC currents
- Type AC: for normal circuits, protected against transients & switching surge



BTH380E

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
3P Type AC			
125A, 30mA, instantaneous trip, 6 modules	1	BDC380E	21205
125A, adjustable sensitivity – 300/500mA/1A, 6 modules Trip time – Inst, 60 msec, 150 msec	1	BTC380E	22789
4P Type AC			
125A, 30mA, instantaneous trip, 6 modules	1	BDC480E	23656
125A, 300mA, instantaneous trip, 6 modules	1	BFC480E	22734
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	BTC480E	26464
3P Type Hi			
125A, 30mA, instantaneous trip, 6 modules	1	BDH380E	25211
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	BTH380E	30724
4P Type Hi			
125A, 30mA, instantaneous trip, 6 modules	1	BDH480E	28707
125A, 300mA, instantaneous trip, 6 modules	1	BFH480E	31591
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	BTH480E	34015



LS501

HRC fuse carriers

Characteristics:

- Conforms to IEC 60269 - 2
- IEC 60269 - 2 - 1
- IEC 60947 - 3
- Description
- Protection and control of circuits against overloads and short circuits.
- Technical data
- sizes : L38, L51
- poles : 1P, 2P
- voltage rating : 500 V AC, 690V AC
- current rating : 32 to 50A
- frequency : 50/60Hz
- climate sealed : T2
- short circuit resistance with fuse link 10.3 x 38 mm :
 - 80kA – 690V~ /
 - 120kA – 500 V~
- short circuit resistance with fuse link 14x51 mm :
 - 100kA – 690V
- Connection capacity
- L38 (10x38) :
 - rigid conductors : 25mm²
 - flexible conductors : 16mm²
- L51 (14x51) :
 - rigid conductors : 35mm²
 - flexible conductors : 25mm²

Description	Pack Qty.	Characteristics	Cat. Ref.	Unit MRP (₹)
L38 fuse carriers				
690V - 32A	12	Single Pole	▶ LSN501	415
	6	Double Pole	LSN502	694
L51 fuse carriers				
690V - 32A	1	Single Pole	LS601	1532
	1	Double Pole	LS602	3169



LF302G

HRC cartridge fuses - gG type

Description	Pack Qty.	Characteristics	Amp Rating	Cat. Ref.	Unit MRP (₹)
Cartridge fuses					
type gG	10	500 V AC	1A	▶ LF301G	82
10 x 38 mm	10		2A	▶ LF302G	82
breaking capacity: 120kA	10		4A	▶ LF304G	82
	10		6A	▶ LF306G	82
	10		10A	▶ LF310G	82
	10		12A	▶ LF312G	82
	10		16A	▶ LF316G	82
	10		20A	▶ LF320G	82
	10		25A	LF325G	90
	10	400 V AC	32A	LF332G	97
Cartridge fuses					
type gG	10	690 V AC	6A	LF406G	166
14 x 51 mm					
breaking capacity:	10	500 V AC	32A	LF432G	166
2 to 25A : 80kA	10		40A	LF440G	166
32 to 50A : 120kA	10	400 V AC	50A	LF450G	207



SPL465R

Surge protection devices

Characteristics:

- Conforms to IEC 61643 - 1
- IEC 61643 - 11

- Protects electronic equipments against transient voltage surges caused by lightning or switching of motors, transformers etc.

Description	Pack Qty.	Characteristics	Cat. Ref.	Unit MRP (₹)
Type 1 + 2 products-main protection				
Imax 12.5kA (Remote Signaling)	1	2P T1+T2 TNS/TT	► SPL212R	15606
Imax 12.5kA (Remote Signaling)	1	4P T1+T2 TNS/TT	► SPL412R	31233
Type 2 products-main protection				
Imax 20kA	1	2P T2 TNS/TT	► SPL220	8655
Imax 20kA	1	4P T2 TNS/TT	► SPL420	16446
Imax 40kA	1	2P T2 TNS/TT	► SPL240	10206
Imax 40kA	1	4P T2 TNS/TT	► SPL440	20041
Imax 65kA (Remote Signaling)	1	2P T2 TNS/TT	SPL265R	17445
Imax 65kA (Remote Signaling)	1	4P T2 TNS/TT	► SPL465R	34645
Phase cartridges for				
	1	SPL220/SPL420	SPL020	2808
	1	SPL240/SPL440	SPL040	3442
	1	SPL265R/SPL465R	SPL065	4119
Neutral cartridges for				
	1	SPL240/SPL440	SPL040N	5496
	1	SPL265R/SPL465R	SPL065N	6579



SFT240N

2 way centre off changeover switches

Characteristics:

- Allows changeover from electricity boards supply to generator supply & vice-versa

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Double Pole			
25A, 2 modules	1	▶ SFT225N	3065
40A, 2 modules	1	▶ SFT240N	4669
63A, 4 modules		▶ SF263	4954
Four Pole			
40A, 4 modules	1	▶ SFT440N	7521
63A, 8 modules	1	▶ SF463	8265



SBN225N

Isolating switches

Characteristics:

- Conforms to IEC 60947-III

- AC22A devices used as switch disconnectors in electrical circuit

Description	Pack Qty.	Cat. Ref. Curve C	Unit MRP (₹)
Single Pole			
16A, 1 modules	1	SBN116N	591
Double Pole			
25A, 1 module	1	▶ SBN225N	636
32A, 1 module	1	SBN232N	691
40A, 2 modules	1	▶ SBN240N	721
63A, 2 modules	1	▶ SBN263N	958
100A, 2 modules	1	SBN290N	1333
125A, 2 modules	1	SBN299N	1518
Triple Pole			
32A, 2 module	1	▶ SBN332N	1261
40A, 3 modules	1	▶ SBN340N	1277
63A, 3 modules	1	▶ SBN363N	1529
100A, 3 modules	1	▶ SBN390N	1779
125A, 3 modules	1	SBN399N	2050
Four Pole			
32A, 2 module	1	▶ SBN432N	1367
40A, 4 modules	1	▶ SBN440N	1603
63A, 4 modules	1	▶ SBN463N	1785
100A, 4 modules	1	▶ SBN490N	2237
125A, 4 modules	1	▶ SBN499N	2439



SBN440N

Time to switch.

The Time Switches Range
from Hager

:hager

Energy & Lighting Control

Hager offers innovative solutions for efficient use of available resources to keep energy consumption at lowest with higher control, comfort and convenience to users. Hager's lighting control devices are totally unique and provides real benefits to end users.



Indicator lights	60
Push buttons	60
Modular contactors	60
Time switches	61
Twilight switches	62
Movement & presence detectors	62
Movement detector-wall mounted	63
Accessories for movement & presence detectors	63
Dimmers & dimming systems	63



SVN126

Indicating lights (LED)

Characteristics:

- Modular LED indicating lights for remote signalling of status of an electrical circuit

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Green, 1 module	12	SVN121	1058
Red, 1 module	12	SVN122	1058
Orange, 1 module	12	SVN123	1058
Blue, 1 module	12	SVN124	1058
Red+Green indicator, 1 module	12	SVN126	1365
Red+Green+Orange indicator, 1 module	12	SVN129	1502
Red+Orange+Blue (RYB) indicator, 1 module	12	SVN222	1977



SVN312

Push buttons

Characteristics:

- Latching push buttons for actuating loads directly or via contactors

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
16A without indicator			
1NO, 1 module	1	SVN312	1435
2NO, 1 module	1	SVN332	1474
1NO + 1NC, 1 module	1	SVN352	1474

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
16A with green indicator			
1NO, 1 module	1	SVN413	2042



ESC463

Contactors

Characteristics:

- All contactor ratings are for AC 7A load only (Coil voltage 230V 50Hz)
- For remote switching & control of power circuits

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Type 1 products-main protection			
2 NO, 25A, 1 module	1	▶ ESC225	2845
1 NO+1NC, 25A, 1 module	1	ESC227	3095
2 NO, 40A, 3 modules	1	▶ ESC240	4955
2 NO, 63A, 3 modules	1	ESC263	6748
3 NO, 40A, 3 modules	1	ESC340	6768
3 NO, 63A 3 modules	1	ESC363	8771
4 NO, 25A, 3 modules	1	ESC425	4439
4 NO, 40A, 3 modules	1	▶ ESC440	8142
2 NO+2NC, 40A, 3 modules	1	ESC442	7434
3 NO+1NC, 40A, 3 modules	1	ESC443	7229
4 NO, 63A, 3 modules	1	▶ ESC463	9701
2NO+2NC, 63A, 3 modules	1	ESC465	8679
3NO+1NC, 63A, 3 modules	1	ESC466	7650
Auxiliary contact 1NO+1NC	1	ESC080	2704



EH771

Electromechanical time switches

Characteristics:

- Complies with EN 60 730
- Contact Rating: 16A AC1
- Programming using captive segments

- These devices are used to control lighting & ventilation circuits based upon real time

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Quartz 1 channel 1 daily dial 1 module	1	EHN011	3485
Quartz 1 channel 1 daily dial 3 modules	1	EHN111	3402
Quartz 1 channel 1 daily dial	1	EH711	* price on request
Quartz 1 channel weekly dial	1	EH771	



EG103E

Digital time switches

Characteristics:

- Contact Rating: 16A AC1
- USB Key Versions: EG103E, EG293B

- Digital time switches for daily, weekly and yearly cycle
- 56 pre-recorded adjustable programs

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1 channel weekly cycle, 56 adj. pre-recorded prog., 2 modules with impulse and holiday function	1	EG103E	* price on request



EE180

Astronomical time switches

Characteristics:

- Contact Rating: 16A AC1
- USB key for program download and upload Daily, Weekly Program

- Astronomical time switches are used to control various loads according to sunrise and sunset time
- Example street light, neon sign etc.

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Astro time switch with USB key, 1 channel	1	EE180	* price on request
Astro time switch with USB key, 2 channels	1	EE181	
PC programming kit for EE180, EE181, EG103E	1	EG003U	
Spare USB key	1	EG005	

*Timer reference available till stock lasts



EE702

Twilight switches

Characteristics:

- These devices controls lighting circuits in relation to ambient light, based on user settings

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Programmable twilight + electromechanical time switch delivered with surface cell, 5 modules	1	EE110	19845
Outdoor IP54 twilight switch 2 to 1000 lux	1	EE702	8342
Spare IP54 surface cell for EE100 & 110	1	EE003	7780



EE805A

Movement and presence detectors

Characteristics:

- Day light sensing.
- Surface and flush mounting versions
- Adjustable time delay and lux level settings
- Movement detectors
- - Inbuilt ambient light sensor with adjustable lux level 5 to 1000 lux
- - adjustable time delay upto 30 mins

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Single lens, 360°, 6m dia detection 10A AC 1, 1 channel, surface mounted	1	▶ EE804A	5070
Single lens, 360°, 6m dia detection 10A AC 1, 1 channel, flush mounted	1	▶ EE805A	5070

Detection Solutions



Coming Soon



EE820

Movement detectors-wall mounted

Characteristics:

- Day light sensing.
- Surface and flush mounting versions
- Adjustable time delay and lux level settings
- Comfort range
- Adjustable lux level 5 to 1000 lux
- Time delay upto 15 mins
- Vertical / horizontal head adjustment
- Detection area control by shutters
- Enhanced range
- All features of comfort range plus adjustable sensitivity control via potentiometer
- Infra red remote control for remote setting (accessory)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Comfort range			
Movement detector, 140°, 16m front detection, 10A AC 1	1	EE820	* price on request
Movement detector, 200°, 16m front detection, 10A AC 1	1	EE830	* price on request
Movement detector, 360°, 10m dia detection, 10A AC 1	1	EE840	* price on request
Enhanced range			
Movement detector, 140°, 16m front detection, 16A AC 1	1	EE850	* price on request
Movement detector, 220°, 16m front detection, 16A AC 1	1	EE860	* price on request
Movement detector, 220+360°, 16m front + 6m dia, 16A AC 1	1	EE870	* price on request



EE806

Accessories for movement & presence detectors

Characteristics:

- Contact Rating: 16A AC1
- USB key for program download and upload Daily, Weekly Program
- Astronomical time switches are used to control various loads according to sunrise and sunset time
- Example street light, neon sign etc.

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
IR remote for remote setting of lux, timer and sensitivity for enhanced range EE850, EE860 & EE870	1	EE806	
Installer remote control for Detector	1	EE807	* price on request
User remote control for Detector	1	EE808	



EVN004

Dimmers & dimming system

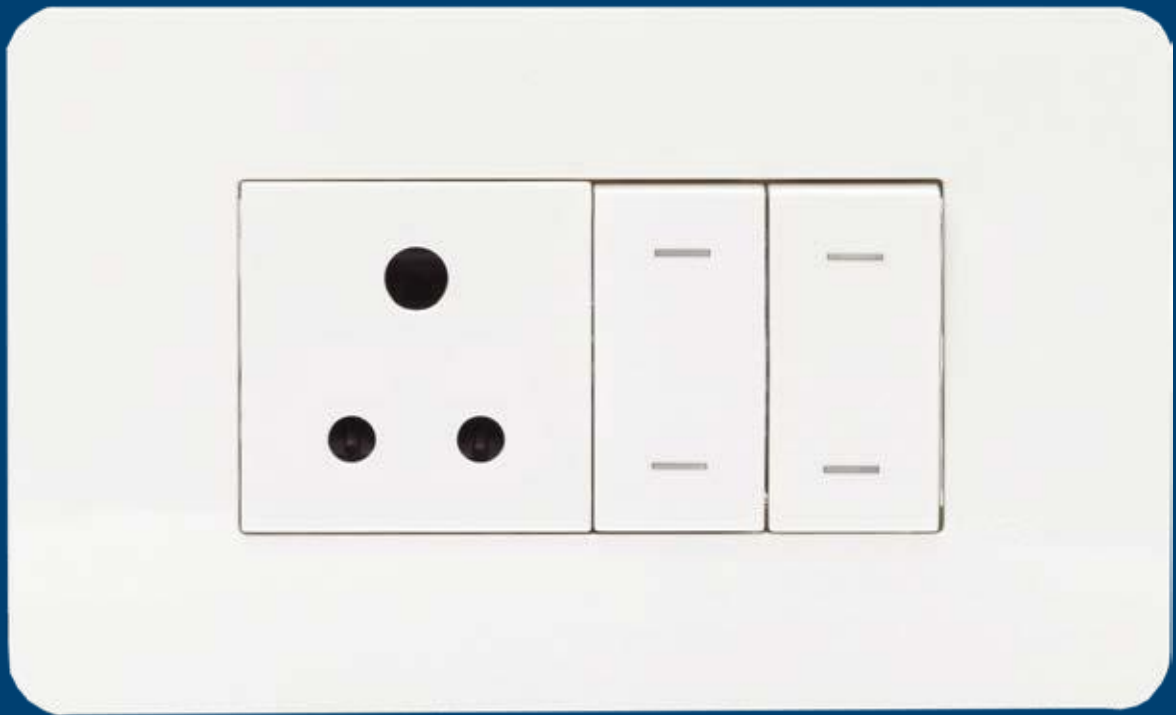
Characteristics:

- These devices are used for control of lighting levels in domestic & professional premises

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
300 Watts, 230V, 50 Hz suitable for incandescent, halogen 230V, halogen VLV(12 or 24V) via electronic transformer	1	EVN012	
500 Watts, 230V, 50 Hz suitable for incandescent, halogen 230V, halogen VLV(12 or 24V) via ferromagnetic & electronic transformer, scene input	1	EVN004	
1000 Watts, 230V, 50 Hz suitable for incandescent, halogen 230V, fluorescent lamp, halogen VLV(12 or 24V) via ferromagnetic & electronic transformer, scene input	1	EV102	* price on request
1/10 V Pilot dimmers with scene input to control several EV102 with adjustable preset levels & time delays	1	EV108	

Wiring Accessories

insysta range of wiring accessories is tailor made to suit the requirement of Indian customers. The comprehensive range offers “AX” rated switches to switch inductive loads without derating the switches. insysta switches can be front loaded & removed, thus giving easy access when maintenance is required. The sockets & fan regulators are tested & conform to ISI standards and is marked giving utmost confidence to the users.



6AX switches	66
10AX switches	66
16AX switches	66
20AX switches	66
25A motor starter switches	66
20A / 32A Double Pole switches	66
Push button	67
Sockets	67
Regulators & dimmers	67
Data sockets	67
VDI module & accessories	67
USB socket	68
DND / MMR	68
Hotel card unit	68
Shaver socket	68
Skirting light	68
Buzzer	66
Volume controller	68
Cover & grid plates - Plastic	68
Cover plates - Real material	66
Grid plates - Real material	69
Wall Boxes	69

insysta™ 6AX switches


WSNSW11

Description	Module size	Cat. Ref.	Unit MRP (₹)
1 way glossy white	1	WSNSW11	169
1 way glossy white with LED	1	WSNSL11	268
1 way anthracite	1	WSNSW11A	206
1 way anthracite with LED	1	WSNSL11A	320
2 way glossy white	1	WSNSW21	241
2 way anthracite	1	WSNSW21A	286

insysta™ 10AX switches


WSNSW31

Description	Module size	Cat. Ref.	Unit MRP (₹)
1 way glossy white	1	WSNSW31	210
1 way anthracite	1	WSNSW31A	255

insysta™ 16AX switches


WSNSW61

Description	Module size	Cat. Ref.	Unit MRP (₹)
1 way glossy white	1	WSNSW51	319
1 way glossy white with LED	1	WSNSL51	303
1 way anthracite	1	WSNSW51A	344
1 way anthracite with LED	1	WSNSL51A	368
2 way glossy white	1	WSNSW61	343
2 way anthracite	1	WSNSW61A	414

insysta™ 20AX switches


WSNSL71

Description	Module size	Cat. Ref.	Unit MRP (₹)
1 way glossy white	1	WSNSW71	309
1 way glossy white with LED	1	WSNSL71	333
1 way anthracite	1	WSNSW71A	373
1 way anthracite with LED	1	WSNSL71A	395

insysta™ 20A / 32A Double Pole switches with LED


WSNSW81

Description	Module size	Cat. Ref.	Unit MRP (₹)
20A DP 1 way glossy white	2	WSNSW81	676
20A DP 1 way anthracite	2	WSNSL81A	809
32A DP 1 way glossy white	2	WSNSW92	955
32A DP 1 way anthracite	2	WSNSL92A	1148

insysta™ 25A motor starter switches


WSNMS12

Description	Module size	Cat. Ref.	Unit MRP (₹)
glossy white	3	WSNMS12	782
anthracite	3	WSNMS12A	938



WSNBP11

insysta™ Push button

Description	Module size	Cat. Ref.	Unit MRP (₹)
6A glossy white	1	WSNBP11	245
6A glossy white with Indicator	1	WSNBP21	333
6A glossy white	2	WSNBP12	355
6A glossy white with Indicator	2	WSNBP22	425
6A anthracite	1	WSNBP11A	297
6A anthracite with Indicator	1	WSNBP21A	395
6A anthracite	2	WSNBP12A	425
6A anthracite with Indicator	2	WSNBP22A	518



WSNSK42

insysta™ Sockets

Description	Module size	Cat. Ref.	Unit MRP (₹)
6 / 16A glossy white Protruded	2	WSNSK42	411
6 / 16A glossy white	3	WSNSK53	499
6 / 16A anthracite Protruded	2	WSNSK42A	494
6 / 16A anthracite	3	WSNSK53A	616
6A Indian socket glossy white	2	WSNSK72	295
6A Indian socket anthracite	2	WSNSK72A	396



WSNFC22

insysta™ Regulators & dimmers

Description	Module size	Cat. Ref.	Unit MRP (₹)
100W glossy white fan regulator	1	WSNFC11	847
120W glossy white fan regulator	2	WSNFC22	1137
400W glossy white incandescent rotary dimmer	1	WSNDM11	1034
1000W glossy white incandescent rotary dimmer	2	WSNDM22	2047
100W anthracite fan regulator	1	WSNFC11A	995
120W anthracite fan regulator	2	WSNFC22A	1360
400W anthracite incandescent rotary dimmer	1	WSNDM11A	1228
1000W anthracite incandescent rotary dimmer	2	WSNDM22A	2459



WSNDS11

insysta™ Data sockets

Description	Module size	Cat. Ref.	Unit MRP (₹)
glossy white RJ11 single	1	WSNDS11	264
glossy white RJ11 twin	1	WSNDS21	369
glossy white RJ45 cat 5e	1	WSNDS31	672
glossy white RJ45 cat 6	1	WSNDS41	779
anthracite RJ11 single	1	WSNDS11A	327
anthracite RJ11 twin	1	WSNDS21A	441
anthracite RJ45 cat 5e	1	WSNDS31A	812
anthracite RJ45 cat 6	1	WSNDS41A	933



WSNDT11



WSNDT31

insysta™ VDI module & accessories

Description	Module size	Cat. Ref.	Unit MRP (₹)
glossy white HDMI Port	1	WSNDT21	1943
glossy white 3x female RCA AV Connector	1	WSNDT31	2618
glossy white female HD VGA 15AV Connector	1	WSNDT42	3370
glossy white Co-Axial TV socket	1	WSNDT11	212
glossy white cord outlet	1	WSNDS71	290
glossy white blanking plate	1	WSNBK11	51
anthracite HDMI Port	1	WSNDT21A	2331
anthracite 3x female RCA AV Connector	1	WSNDT31A	3077
anthracite female HD VGA 15AV Connector	1	WSNDT42A	3968
anthracite Co-Axial TV socket	1	WSNDT11A	265
anthracite cord outlet	1	WSNDS71A	351
anthracite blanking plate	1	WSNBK11A	59



WSNDS51

insysta™ USB sockets

Description	Module size	Cat. Ref.	Unit MRP (₹)
glossy white USB Port	1	WSNDS51	1557
anthracite USB Port	1	WSNDS51A	1863
2A glossy white USB charger	1	WSNDS61	2772
2A anthracite USB charger	1	WSNDS61A	3148

- For charging purpose please select USB charger. USB ports to be used for data transfer.



WSNHS22

insysta™ Hospitality range

Description	Module size	Cat. Ref.	Unit MRP (₹)
DND / MMR			
glossy white external DND/MMR with door bell switch & light indicator for DND/MMR	2	WSNHS12	1807
glossy white internal DND/MMR control & light indicator for DND/MMR	2	WSNHS22	1325
anthracite external DND/MMR with door bell switch & light indicator DND/MMR	2	WSNHS12A	2169
anthracite internal DND/MMR control & light indicator for DND/MMR	2	WSNHS22A	1589



WSNHS12

Hotel card unit

glossy white hotel key card	2	WSNHS33	4554
anthracite hotel key card	2	WSNHS33A	5534

Shaver socket

glossy white shaver socket	4	WSNHS44	5421
anthracite shaver socket	4	WSNHS44A	6506

Skirting light

glossy white skirting light with white LED	2	WSNHS52	940
anthracite skirting light with white LED	2	WSNHS52A	1158



WSNHS62

Buzzer

glossy white buzzer	2	WSNHS62	1204
anthracite buzzer	2	WSNHS62A	1445

Volume controller

glossy white volume controller	2	WSNHS72	1557
anthracite volume controller	2	WSNHS72A	1732



WSNCG1

insysta™ Cover plates - Plastic

Pack qty.	Module size	Glossy white		Anthracite (Dark Gray)		Aluminium	
		Cat. Ref.	Unit MRP (₹)	Cat. Ref.	Unit MRP (₹)	Cat. Ref.	Unit MRP (₹)
15	1	WSNCG1	162	WSNCG1A	297	WSNCG1S	291
15	2	WSNCG2	169	WSNCG2A	316	WSNCG2S	309
10	3	WSNCG3	193	WSNCG3A	331	WSNCG3S	335
10	4	WSNCG4	198	WSNCG4A	383	WSNCG4S	378
5	6	WSNCG6	367	WSNCG6A	630	WSNCG6S	638
5	8	WSNCG8	435	WSNCG8A	699	WSNCG8S	679
5	8	WSNCGS8	517	WSNCGS8A	914	WSNCGS8S	896
5	12	WSNCG12	656	WSNCG12A	1187	WSNCG12S	1163
5	18	WSNCG18	889	WSNCG18A	1566	WSNCG18S	1533



WSNCG1GW

insysta™ Cover plates - Real material

Pack qty.	Module size	White glass		Black glass	
		Cat. Ref.	Unit MRP (₹)	Cat. Ref.	Unit MRP (₹)
1	1	WSNCG1GW	2063	WSNCG1GB	2131
1	2	WSNCG2GW	2319	WSNCG2GB	2385
1	3	WSNCG3GW	2944	WSNCG3GB	3009
1	4	WSNCG4GW	3034	WSNCG4GB	3095
1	6	WSNCG6GW	4256	WSNCG6GB	4321
1	8	WSNCG8GW	5097	WSNCG8GB	5016
1	8	WSNCGS8GW	5084	WSNCGS8GB	5146
1	12	WSNCG12GW	5734	WSNCG12GB	5803



WSNG3

insysta™ Grid plates - Real material

Description	Pack qty.	Module size	Cat. Ref.	Unit MRP (₹)
Grid Plate - 1 module	1	1	WSNG1	100
Grid Plate - 2 module	1	2	WSNG2	100
Grid Plate - 3 module	1	3	WSNG3	112
Grid Plate - 4 module	1	4	WSNG4	148
Grid Plate - 6 module	1	6	WSNG6	201
Grid Plate - 8 module (Horizontal)	1	8	WSNG8	247
Grid Plate - 8 module (Square)	1	8	WSNG8S	259
Grid Plate - 12 module	1	12	WSNG12	373



WSNMB3

insysta™ Wall boxes

Description	Pack qty.	Module size	Cat. Ref.	Unit MRP (₹)
Metal Mounting Boxes 1 & 2	60	2	WSNMB2	125
Metal Mounting Boxes 3 module	45	3	WSNMB3	125
Metal Mounting Boxes 4 module	30	4	WSNMB4	164
Metal Mounting Boxes 6 module	20	6	WSNMB6	258
Metal Mounting Boxes 8 module (Horizontal)	15	8	WSNMB8H	304
Metal Mounting Boxes 8 module (Square)	24	8	WSNMB8R	304
Metal Mounting Boxes 12 module	16	12	WSNMB12	459
Metal Mounting Boxes 18 module	10	18	WSNMB18	580

Always near

North

Delhi & NCR
Haryana
Uttar Pradesh
Punjab
Jammu & Kashmir
Rajasthan

East

West Bengal
Orissa
Jharkhand
Assam

West

Maharashtra
Gujarat
Madhya Pradesh
Chhattisgarh

South

Tamilnadu
Karnataka
Kerala
Telangana
Andhra Pradesh

Our network to serve you better

- 350+ Authorised Channel Partners
- 35+ System Integrators
- 25+ Service Centers



We are also there for you 24
hours: hager.co.in

Dispatch lead time for non-stockable references:

- MCBs / RCCBs / RCBOs - 2 weeks
- novello⁺ distribution boards - 4 - 6 weeks
- golf, vector enclosures & MCCBs - 8 weeks
- Manual changeover switches - 4 - 6 weeks
- Automatic transfer switches - 6 - 8 weeks
- Others - 4 - 6 weeks
- The above delivery lead times are subject to change without prior notice. Please contact your nearest Sales representative / Office for latest delivery lead times.

Terms & Conditions

- Price means Maximum Retail Price (M.R.P).
- This price list supercedes all previous price list.
- Price is in Indian Rupees (₹) and inclusive of GST / taxes / duties as applicable.
- Delivery term is "Door Delivery".
- Prices are subject to revision without notice. All dispatch will be as per price prevailing on the date of invoice.
- Enclosures / Distribution Boards have the provision for fixing the component as shown in the photograph.
- For all Insysta Color reference and real material, minimum ordering quantity will be applicable. Please connect with sales representative for details regarding MOQ.
- All the products listed in the price list carry a warranty, against manufacturing defects for a period of 24 months from the date of invoicing.
- The warranty is however subject to proper usage and maintenance and does not cover defects arising out of improper installation, inefficient maintenance, faulty operation and willful or accidental damage including nonperformance, which is caused by an event constituting Force Majeure, i.e. including (but not limited to) pandemic, fire, floods, administrative orders etc.
- Hager and / or manufacturer shall not be liable for any consequential loss, including personal injury or damages arising out of, or in connection with, defects in the Products including claim by third party.
- Proof of purchase to be retained to avail warranty.



Hager Electro Private Limited
Global Industrial Park
G. No. 185,
Alandi – Ahmednagar Road,
Phulgaon, Pune 412216, India

Branch Office

Hager Electro Pvt Ltd
Awfis Prestige DotCom
16, 2, Residency Rd,
Srinivas Nagar,
Shanthala Nagar,
Ashok Nagar,
Bengaluru, Karnataka 560025

Hager Electro Pvt Ltd
Wework Berger Delhi One,
Sector 16 B, Noida,
Uttar Pradesh – 201301

Hager Electro Pvt Ltd
Suit No. 805, 8th Floor,
Shantiniketan Building
8, Camac Street,
Kolkata 700017

Hager Electro Pvt Ltd
Wework Futura,
Magarpatta road, Kirtane Baugh
Pune - 411013