

**Energy
distribution,
Controls &
Wiring
accessories.**

Pricelist with effect from

01st August 2023

: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 € 2.8Bn 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
E3DC

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:



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.

Erwin van Handenhoven

“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.



Daniel Hager
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.

A handwritten signature in black ink, appearing to read "Daniel Hager". The signature is stylized and includes a horizontal line extending to the right.

Yours sincerely,
Daniel Hager

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



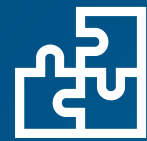
Type-tested performance to IEC-61439-1 IS 8623-III



Unique ease of mounting with minimal screws



Trusted rigidity and extra durability (IP43, IK09)



Tried flexibility thanks to modular design



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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	1664
8 way, 8 modules	1	▶ VYS08C	2098
12 way, 12 modules	1	▶ VYS12C	2483
16 way, 16 modules	1	▶ VYS16C	3061
18 way, 18 modules	1	▶ VYS18C	3510



VYS12D

IP43 Double Door DBs

Description	Pack Qty.	Cat. Ref. plain door	Unit MRP (₹)
4 way, 4 modules	1	▶ VYS04D	2274
6 way, 6 modules	1	▶ VYS06D	2553
8 way, 8 modules	1	▶ VYS08D	2826
12 way, 12 modules	1	▶ VYS12D	3393
16 way, 16 modules	1	▶ VYS16D	4313
18 way, 18 modules	1	▶ VYS18D	4731

- 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	4292
6 way, 4+18 modules	1	VYT06CD	5207
4 way, 8+12 modules	1	VYT04CH	4704
6 way, 8+18 modules	1	VYT06CH	5796
8 way, 8+24 modules	1	VYT08CH	6813
12 way, 8+36 modules	1	VYT12CH	10104



VYT06DH

IP43 Double Door DBs
(Incomer + Outgoing Modules)

Description	Pack Qty.	Cat. Ref. metal door	Unit MRP (₹)
4 way, 4+12 modules	1	▶ VYT04DD	5368
6 way, 4+18 modules	1	▶ VYT06DD	6449
4 way, 8+12 modules	1	▶ VYT04DH	5592
6 way, 8+18 modules	1	▶ VYT06DH	6893
8 way, 8+24 modules	1	▶ VYT08DH	8274
12 way, 8+36 modules	1	▶ VYT12DH	12378
16 way, 8+48 modules	1	VYT16DH	15348

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	10559
6+2 way, 8+6+18 modules	1	▶ VYH06DH	12442
8+2 way, 8+6+24 modules	1	▶ VYH08DH	17157
12+2 way, 8+6+36 modules	1	▶ VYH12DH	20593

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	12405
8+2 way, 8+6+24 modules	1	▶ VYP08DH	14631
10+2 way, 8+6+30 modules	1	▶ VYP10DH	15177
12+2 way, 8+6+36 modules	1	▶ VYP12DH	16451
16+2 way, 8+6+48 modules	1	▶ VYP16DH	17366
12+2 way, MCCB*+ 6 + 36 modules	1	▶ VYP12DM	16633



VYP10DH

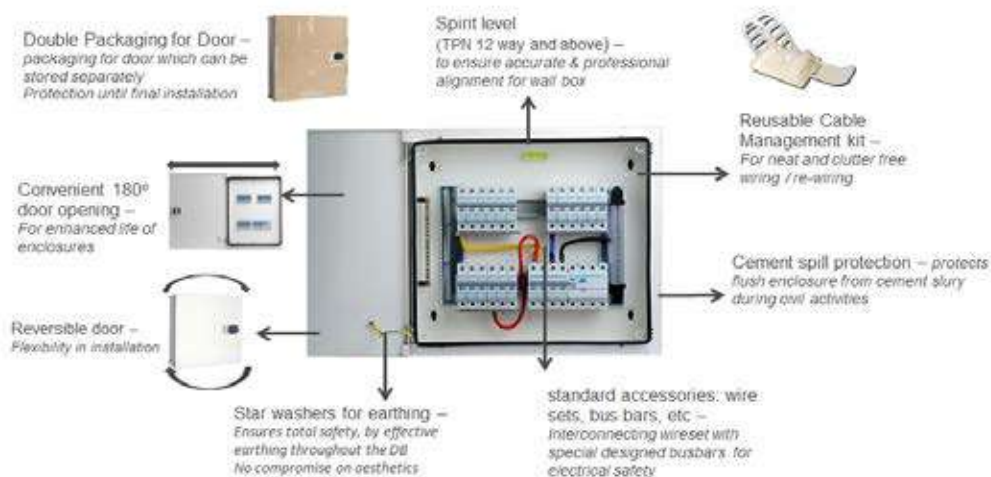
- *Provision to mount frame X160 h3 MCCB

- 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	13887
6 way, 12+18 modules	1	▶ VYV06DL-P	15520
8 way, 12+24 modules	1	▶ VYV08DL-P	17045
12 way, 12+36 modules	1	▶ VYV12DL-P	23991
16 way, 12+48 modules	1	VYV16DL-P	29653

Metering Box

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Ext Box for VTPN DD DB	1	VYV00M	7983

- 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	17195
6 way, MCCB+18 modules	1	▶ VYV06DM-P	19533
8 way, MCCB+24 modules	1	▶ VYV08DM-P	21503
12 way, MCCB+36 modules	1	▶ VYV12DM-P	28754
16 way, MCCB+48 modules	1	VYV16DM-P	34132

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



VYV06DM-P160

**IP43 Double Door DBs
(MCCB + Outgoing Modules)**

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, MCCB+12 modules	1	VYV04DM-P160	17195
6 way, MCCB+18 modules	1	VYV06DM-P160	19533
8 way, MCCB+24 modules	1	VYV08DM-P160	21503
12 way, MCCB+36 modules	1	VYV12DM-P160	28754
16 way, MCCB+48 modules	1	VYV16DM-P160	34132

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



VYV06DM2-P

**IP43 Double Door DBs
(MCCB + Outgoing Modules)**

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, MCCB+12 modules	1	VYV04DM2-P	31906
6 way, MCCB+18 modules	1	VYV06DM2-P	34791
8 way, MCCB+24 modules	1	VYV08DM2-P	37215
12 way, MCCB+36 modules	1	VYV12DM2-P	39334
16 way, MCCB+48 modules	1	VYV16DM2-P	44295



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	14021	VYG04DM	20020
6 way, 12+12+18 modules	1	▶ VYG06DL	15792	VYG06DM	22883
8 way, 12+12+24 modules	1	▶ VYG08DL	17623	VYG08DM	26207
12 way, 12+12+36 modules	1	▶ VYG12DL	21920	VYG12DM	29883

- *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	19116
6 way, 8+18 modules	1	▶ VYC06DH	19415
8 way, 8+24 modules	1	▶ VYC08DH	20807
12 way, 8+36 modules	1	▶ VYC12DH	23418



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	7712
3 row, 42 modules	1	▶ VYF314D	9258
4 row, 40 modules	1	▶ VYF410D	9383
4 row, 56 modules	1	▶ VYF414D	10088
4 row, 64 modules	1	▶ VYF416D	11891

- 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	931
4 way, 4 modules	1	▶ VYM04C	931
6 way, 6 modules	1	▶ VYM06C	1568
8 way, 8 modules	1	▶ VYM08C	1568
metal enclosure hinged door, 3 pole, x160 frame MCCB	1	▶ VYM160HM	3470
metal enclosure hinged door, 4 pole, x160 frame MCCB	1	▶ VYM161HM	3470
metal enclosure hinged door, 3 pole, x250 frame MCCB	1	▶ VYM250HM	9057
metal enclosure hinged door, 4 pole, x250 frame MCCB	1	▶ VYM251HM	9057
160A 3P MCCB h3+ Enclosure	1	VYM160HM-P160	3666
160A 4P MCCB h3+ Enclosure	1	▶ VYM161HM-P160	3666
250A 3P MCCB h3+ Enclosure	1	VYM250HM-P250	9570
250A 4P MCCB h3+ Enclosure	1	VYM251HM-P250	9570
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	2050
20A 2 Pin + SC*, 1 modules	1	▶ VYA120C	2198
20A 2 Pin + SC*, 2 modules	1	▶ VYA220C	2398
20A 3 Pin + SC*, 4 modules	1	▶ VYA420C	3579
32A 3 Pin + SC*, 4 modules	1	▶ VYA432C	4827
63A 5 Pin + SC*, 8 modules	1	▶ VYA863C	16697

* 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	3427
32A 3 Pin, 4 modules	1	▶ VYB432C	3704
32A 5 Pin, 8 modules	1	▶ VYB832C	6742
63A 5 Pin, 8 modules	1	▶ VYB863C	16967



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	292	10A 2P+E Metal Socket	VZ140I	298
20A 2P+E Metal Plug	10	▶ VZ131I	305	20A 2P+E Metal Socket	▶ VZ141I	333
20A 3P+E Metal Plug	10	▶ VZ132I	415	20A 3P+E Metal Socket	▶ VZ142I	450
32A 3P+E Metal Plug	5	▶ VZ133I	732	32A 3P+E Metal Socket	▶ VZ143I	732
63A 5P Metal Plug	1	VZ134I	3341	63A 5P Metal Socket	VZ144I	3548

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

Description



VYT08E

CEB for SPN DBs	Pack Qty.	Cat. Ref.	Unit MRP (₹)
CEB for 4 way SPN DD DB	1	VYS04E	1007
CEB for 6 way SPN DD DB	1	VYS06E	1062
CEB for 8 way SPN DD DB	1	VYS08E	1181
CEB for 12 way SPN DD DB	1	VYS12E	1339
CEB for 16 way SPN DD DB	1	VYS16E	1890
CEB for 18 way SPN DD DB	1	VYS18E	1963

CEB for TPN DB (for 8mod incomer)

CEB for 4 way TPN DD DB	1	VYT04E	1727
CEB for 6 way TPN DD DB	1	▶ VYT06E	1873
CEB for 8 way TPN DD DB	1	VYT08E	3291
CEB for 12 way TPN DD DB	1	VYT12E	4399
CEB for 16 way TPN DD DB	1	VYT16E	4399

CEB for TPN Horizontal PPI DB

CEB for 2 + 4 way Horizontal PPI DD DB	1	VYH04E	1817
CEB for 2 + 6 way Horizontal PPI DD DB	1	VYH06E	2852
CEB for 2 + 8 way Horizontal PPI DD DB	1	VYH08E	3336
CEB for 2 + 12 way Horizontal PPI DD DB	1	VYH12E	3769

CEB for TPNTier PPI DB

CEB for 2 + 6 way Tier PPI DD DB	1	VYP06E	1569
CEB for 2 + 8 way Tier PPI DD DB	1	VYP08E	1598
CEB for 2 + 10 way Tier PPI DD DB	1	VYP10E	1980
CEB for 2 + 12 way Tier PPI DD DB	1	VYP12E	3024
CEB for 2 + 12 way Tier PPI DD DB (MCCB)	1	VYP12EM	3156

CEB for vertical TPN DB

CEB for Vertical TPN DD DB	1	VYV00E	4832
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CEB for Flexi DB

CEB for 14Mod flexy DB	1	VYF14E	1648
CEB for 16Mod flexy DB	1	VYF16E	2008

Note: DD means double door



VYH08E

Accessories for novello⁺ DBs



VZ100i

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	1904
1 row 8 modules (8 way SPN DB)	1	VF108PJ	VF108TJ	2500
1 row 12 modules (12 way SPN DB)	1	VF112PJ	VF112TJ	3176
1 row 18 modules (18 way SPN DB)	1	VF118PJ	VF118TJ	4233
2 row 24 modules (6 way TPN DB)	1	VF212PJ	VF212TJ	4863
2 row 36modules (8 way TPN DB)	1	VF218PJ	VF218TJ	6602
3 row 36 modules (8 way TPN DB)	1	VF312PJ	VF312TJ	6346
4 row 48 modules (12 way TPN DB)	1	VF412PJ	VF412TJ	7770



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	1904
1 row 8 modules (8 way SPN DB)	1	VS108PJ	VS108TJ	2500
1 row 12 modules (12 way SPN DB)	1	VS112PJ	VS112TJ	3176
1 row 18 modules (18 way SPN DB)	1	VS118PJ	VS118TJ	4233
2 row 24 modules (6 way TPN DB)	1	VS212PJ	VS212TJ	4863
2 row 36modules (8 way TPN DB)	1	VS218PJ	VS218TJ	6602
3 row 36 modules (8 way TPN DB)	1	VS312PJ	VS312TJ	6346
4 row 48 modules (12 way TPN DB)	1	VS412PJ	VS412TJ	7770

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	2947
1 row 6 modules	1	▶ VE106L	3661
1 row 10 modules	1	▶ VE110L	5101
1 row 12 modules	1	▶ VE112L	6050
1 row 18 modules	1	VE118L	7203
2 row 24 modules	1	VE212L	8208
2 row 36 modules	1	VE218L	12143
3 row 36 modules	1	VE312L	11113
4 row 48 modules	1	VE412L	15760
3 row 54 modules	1	VE318L	17981
vector IP65 Key lock	1	VZ311	891

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	523
1 pole 1 mod step, 56 mod	50	▶ KD163B	1959
2 pole 2 mod step, 12 mod	50	KDN263A	887
2 pole 2 mod step, 56 mod	20	▶ KD263B	3747
3 pole 3 mod step, 12 mod	50	KDN363A	942
3 pole 3 mod step, 57 mod	20	▶ KD363B	4730
4 pole 4 mod step, 12 mod	25	KDN463A	1946
4 pole 4 mod step, 56 mod	10	▶ KD463B	8415

Prong busbars (for MCBs ML---J)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1 pole 1 step 13 mod - Brown (phase)	1	KB163P	543
1 pole 1 step 13 mod - Blue (neutral)	1	KB163N	543

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
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HRC fuse carriers	54
HRC cartridge fuses gG type	54
Surge protection devices	55
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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	173150	129110	217320	164160
	800	173150	129110	217320	164160
	1000	181900	141330	227690	178280
	1250	202530	162440	252180	202950
	1600	230190	180310	280870	233070
Frame A - Type N 65kA	2000	280600	211280	344610	276120
	630	199120	148480	249920	188780
	800	199120	148480	249920	188780
	1000	209180	162530	261840	205020
	1250	232910	186810	290010	233390
Frame B - Type N 65kA	1600	264720	207360	323000	268030
	2000	322690	242970	396300	317540
	2500	346910	257570	421540	325420
	3200	423260	368700	518990	454920
	4000	517670	454050	658990	569240

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	211150	167110	255320	202160
	800	211150	167110	255320	202160
	1000	219900	179330	265690	216280
	1250	240530	200440	290180	240950
	1600	268190	218310	318870	271070
Frame A - Type N 65kA	2000	318600	249280	382610	314120
	630	237120	186480	287920	226780
	800	237120	186480	287920	226780
	1000	247180	200530	299840	243020
	1250	270910	224810	328010	271390
Frame B - Type N 65kA	1600	302720	245360	361000	306030
	2000	360690	280970	434300	355540
	2500	384910	295570	459540	363420
	3200	461260	406700	556990	492920
	4000	555670	492050	696990	607240

Accessories

Description	Cat. Ref.	Unit MRP (₹)
Shunt Release - DC 24V	HWX501	5000
Shunt Release - AC/DC 110V	HWX503	5000
Shunt Release - AC/DC 220-250V	HWX504	5000
Closing Release - DC 24V	HWX501	5000
Closing Release - AC/DC 110V	HWX503	5000
Closing Release - AC/DC 220-250V	HWX504	5000
Undervoltage Release - AC/DC 110V	HWX513	5000
Undervoltage Release - AC/DC 220-250V	HWX514	5000
Undervoltage Release - AC 380-415V	HWX515	5000
Motor Operator - DC 24V	HWX541	28000
Motor Operator - AC/DC 110V	HWX543	28000
Motor Operator - AC/DC 220-250V	HWX544	28000

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

hW Air Circuit Breakers

Product codification principle - 18 digits

H W | A | H | 3 | 16 | E | F | A | 0 | A | A | 0 | A | 0 | A | 0

ACB series name

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 | 20 = 2000A |
| 08 = 800A | 25 = 2500A |
| 10 = 1000A | 32 = 3200A |
| 12 = 1250A | 40 = 4000A |
| 16 = 1600A | 50 = 5000A |

Market

- E = Market letter

Version

- F = fixed
- D = draw-out

Trip unit

- | | |
|-------------------------|----------------------------------|
| A = no OCR switch disc. | E = OCR LCD display Amp LI |
| B = OCR STD LI | F = OCR LCD display Amp LSI |
| C = OCR STD LSI | G = OCR LCD display Amp LSI G |
| D = OCR STD LSI G | H = OCR LCD display Energy LSI G |

Terminal connection

- | | |
|-------------------------------------|--|
| 0 = without | 5 = front terminal (FC/FC) |
| 1 = horizontal terminal (HC/HC) | 6 = front terminal and horizontal terminal (FC/HC) |
| 2 = vertical terminal (VC/VC) | 7 = front terminal and vertical terminal (FC/VC) |
| 3 = horizontal and vertical (HC/VC) | 8 = horizontal terminal and front terminal (HC/FC) |
| 4 = vertical and horizontal (VC/HC) | 9 = vertical terminal and front terminal (VC/FC) |

Air Circuit Breakers

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 | |

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	P160	40A		▶ HHS040DR	10114	▶ HHS041DR	11884
		63A		▶ HHS063DR	10114	▶ HHS064DR	11884
		80A		HHS080DR	10114	▶ HHS081DR	11884
		100A		▶ HHS100DR	10114	▶ HHS101DR	11884
		125A		▶ HHS125DR	15982	▶ HHS126DR	19587
		160A		▶ HHS160DR	17643	▶ HHS161DR	21979
	P250	200A		▶ HHT200DR	28888	▶ HHT201DR	34748
		250A		▶ HHT250DR	29442	▶ HHT251DR	36287
		320A		HHJ320DR	36732	HHJ321DR	46021
		400A	P630	▶ HHJ400DR	36760	▶ HHJ401DR	46650
		630A		▶ HHJ630DE	46947	HHJ631DE	54900

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	P160	40A		HNS040DR	11508	HNS041DR	13516
		63A		▶ HNS063DR	11508	▶ HNS064DR	13516
		80A		HNS080DR	11508	HNS081DR	13516
		100A		▶ HNS100DR	11508	▶ HNS101DR	13516
		125A		▶ HNS125DR	16843	▶ HNS126DR	20936
		160A		▶ HNS160DR	18635	▶ HNS161DR	23172
	P250	200A		▶ HNT200DR	29255	▶ HNT201DR	38717
		250A		▶ HNT250DR	31095	▶ HNT251DR	39107
		320A		▶ HNJ320DR	37478	▶ HNJ321DR	46961
		400A	P630	▶ HNJ400DR	37506	▶ HNJ401DR	47604
		630A		▶ HNJ630DE	46561	▶ HNJ631DE	56289

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	P160	40A		HMS040DR	15038	HMS041DR	18884
		63A		HMS063DR	15038	HMS064DR	18884
		80A		HMS080DR	15038	HMS081DR	18884
		100A		▶ HMS100DR	15038	▶ HMS101DR	18884
		125A		▶ HMS125DR	18938	▶ HMS126DR	22367
		160A		▶ HMS160DR	21864	▶ HMS161DR	25693
	P250	200A		▶ HMT200DR	32888	▶ HMT201DR	40184
		250A		▶ HMT250DR	33834	▶ HMT251DR	43023
		320A		HMJ320DR	41947	HMJ321DR	51104
		400A	P630	▶ HMJ400DR	42251	▶ HMJ401DR	52299
		630A		▶ HMJ630DE	53473	▶ HMJ631DE	68003

h3+ Thermal Magnetic Releases



➕ Rated Current (Ir) Settings from 63% In

➕ Neutral Protection in 4P versions (with option to switch off)

L – Long Time / I – Instantaneous



HHT250JR

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

Breaking Capacity

lcs=100% lcu as per IEC 60947-2)	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
25kA	40A	P160	HHS040JR	19580	HHS041JR	25425
	100A		HHS100JR	18737	HHS101JR	25303
	160A	P250	HHS160JR	25010	HHS161JR	32211
	250A		HHT250JR	32873	HHT251JR	42157

Breaking Capacity

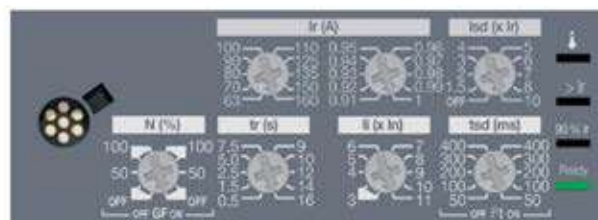
lcs=100% lcu as per IEC 60947-2)	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)	
40kA	40A	P160	HNS040JR	19714	HNS041JR	25081	
	100A		HNS100JR	19714	HNS101JR	25081	
	160A		HNS160JR	25211	HNS161JR	35251	
	250A	P250	HNT250JR	34590	HNT251JR	47483	
	400A		P630	HNW400JR	54949	HNW401JR	62723
	630A			HNW630JR	58083	HNW631JR	75297

Breaking Capacity

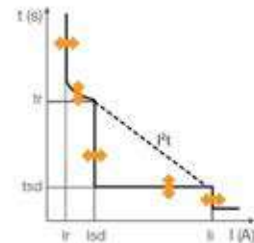
lcs=100% lcu as per IEC 60947-2)	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)	
50kA	40A	P160	HMS040JR	22572	HMS041JR	30919	
	100A		HMS100JR	22572	HMS101JR	31844	
	160A		HMS160JR	28614	HMS161JR	37054	
	250A	P250	HMT250JR	38971	HMT251JR	53105	
	400A		P630	HMW400JR	57508	HMW401JR	74605
	630A			HMW630JR	59535	HMW631JR	78879

h3+ Range Overview
Electronic Releases

LSI
LSIG



Trip unit LSI/LSIG



- + 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 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

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	35268	HHT041LR	39474
	100A		HHT100LR	35268	HHT101LR	39474
	160A		HHT160LR	37299	HHT161LR	44848
	250A		HHT250LR	42708	HHT251LR	51171

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	35438	HNT041LR	41031
	100A		HNT100LR	35438	HNT101LR	41031
	160A		HNT160LR	38543	HNT161LR	46280
	250A		HNT250LR	43221	HNT251LR	53617
	400A	P630	HNW400LR	61409	HNW401LR	69873
	630A		HNW630LR	70566	HNW631LR	83063

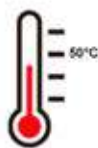
Breaking Capacity

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	38543	HMT041LR	44169
	100A		HMT100LR	38543	HMT101LR	44169
	160A		HMT160LR	43758	HMT161LR	47313
	250A		HMT250LR	46760	HMT251LR	54896
	400A	P630	HMW400LR	63117	HMW401LR	77185
	630A		HMW630LR	70814	HMW631LR	88367

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
- Optimal 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	56407	HHS041NR	62673
	100A		HHS100NR	56407	HHS101NR	62673
	160A	P250	HHS160NR	56436	HHS161NR	62833
	250A		HHT250NR	58393	HHT251NR	70011

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	57902	HNS041NR	64213
	100A		HNS100NR	57902	HNS101NR	64213
	160A		HNS160NR	58855	HNS161NR	66701
	250A	P250	HNT250NR	59541	HNT251NR	71728
	400A		HNW400NR	89183	HNW401NR	100444
	630A		HNW630NR	101280	HNW631NR	124879

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	58765	HMS041NR	65183
	100A		HMS100NR	58765	HMS101NR	65183
	160A		HMS160NR	56375	HMS161NR	67700
	250A	P250	HMT250NR	60425	HMT251NR	72801
	400A		HMW400NR	90513	HMW401NR	102248
	630A		HMW630NR	102284	HMW631NR	126745

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, LSnI, 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	1509
Alarm Contact	1	▶ HXA024H	1531
Shunt 24V DC	1	HXA001H	3160
Shunt 230V AC	1	▶ HXA004H	3160
UnderVoltage - 24V DC	1	HXA011H	3809
UnderVoltage - 240V DC	1	▶ HXA014H	3809
UnderVoltage - 415V AC	1	HXA015H	3809
Direct Rotary Handle	1	HXS030H	1523
Extended Rotary Handle	1	HXS031H	2437
Spreaders - 3P	1	▶ HYS011H	829
Spreaders - 4P	1	▶ HYS012H	1078
Interphase barrier 3/4P	1	▶ HYS019H	513



HXA004H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
P250 Frame			
Auxiliary Contact	1	▶ HXA021H	1509
Alarm Contact	1	▶ HXA024H	1531
Shunt 24V DC	1	HXA001H	3160
Shunt 230V AC	1	▶ HXA004H	3160
UnderVoltage - 24V DC	1	HXA011H	3809
UnderVoltage - 240V DC	1	▶ HXA014H	3809
UnderVoltage - 415V AC	1	HXA015H	3809
Direct Rotary Handle	1	HXT030H	1664
Extended Rotary Handle	1	HXT031H	2649
Spreaders - 3P	1	▶ HYB011H	842
Spreaders - 4P	1	▶ HYB012H	1146
Interphase barrier 3/4P	1	HYT019H	520
Motor Mechanism (auto reset) 240V AC	1	HXT042H	30587



HXW030H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
P630 Frame			
Auxiliary Contact	1	▶ HXA021H	1509
Alarm Contact	1	▶ HXA024H	1531
Shunt 24V DC	1	HXA001H	3160
Shunt 230V AC	1	▶ HXA004H	3160
UnderVoltage - 24V DC	1	HXA011H	3809
UnderVoltage - 240V DC	1	▶ HXA014H	3809
UnderVoltage - 415V AC	1	HXA015H	3809
Direct Rotary Handle	1	▶ HXW030H	2545
Extended Rotary Handle	1	▶ HXW031H	4801
Spreaders - 3P	1	▶ HYD014H	2153
Spreaders - 4P	1	▶ HYD015H	2593
Interphase barrier 3/4P	1	HYW019H	1105
Motor Mechanism (auto reset) 240V AC	1	HXW042H	48737



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	6773
40A, 3 pole	1	HDA040Z	6773
63A, 3 pole	1	▶ HDA063Z	6773
80A, 3 pole	1	HDA080Z	6773
100A, 3 pole	1	▶ HDA100Z	6773
125A, 3 pole	1	▶ HDA125Z	8385
160A, 3 pole	1	▶ HDA160Z	9051



HHA125Z

32A, 4 pole	1	HDA033Z	7786
40A, 4 pole	1	▶ HDA041Z	7786
63A, 4 pole	1	▶ HDA064Z	7786
80A, 4 pole	1	HDA081Z	7786
100A, 4 pole	1	▶ HDA101Z	7786
125A, 4 pole	1	▶ HDA126Z	8807
160A, 4 pole	1	▶ HDA161Z	9580

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
32A, 3 pole	1	HHA032Z	8398
40A, 3 pole	1	▶ HHA040Z	8398
63A, 3 pole	1	▶ HHA063Z	8398
80A, 3 pole	1	▶ HHA080Z	8398
100A, 3 pole	1	▶ HHA100Z	8398
125A, 3 pole	1	▶ HHA125Z	11329
160A, 3 pole	1	▶ HHA160Z	14130

32A, 4 pole	1	HHA033Z	11453
40A, 4 pole	1	▶ HHA041Z	11453
63A, 4 pole	1	▶ HHA064Z	11453
80A, 4 pole	1	▶ HHA081Z	11453
100A, 4 pole	1	▶ HHA101Z	11453
125A, 4 pole	1	▶ HHA126Z	14646
160A, 4 pole	1	▶ HHA161Z	17770



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	7625
63A, 3 pole	1	▶ HDA063U	7625
80A, 3 pole	1	HDA080U	7625
100A, 3 pole	1	▶ HDA100U	7625
125A, 3 pole	1	▶ HDA125U	9070
160A, 3 pole	1	▶ HDA160U	10507

40A, 4 pole	1	▶ HDA041U	9981
63A, 4 pole	1	▶ HDA064U	9981
80A, 4 pole	1	▶ HDA081U	9981
100A, 4 pole	1	▶ HDA101U	9981
125A, 4 pole	1	▶ HDA126U	10583
160A, 4 pole	1	▶ HDA161U	11777



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	9580
63A, 3 pole	1	▶ HHA063U	9580
80A, 3 pole	1	HHA080U	9580
100A, 3 pole	1	▶ HHA100U	9580
125A, 3 pole	1	▶ HHA125U	11677
160A, 3 pole	1	▶ HHA160U	14373

40A, 4 pole	1	HHA041U	12947
63A, 4 pole	1	HHA064U	12947
80A, 4 pole	1	HHA081U	12947
100A, 4 pole	1	▶ HHA101U	12947
125A, 4 pole	1	▶ HHA126U	15232
160A, 4 pole	1	▶ HHA161U	18630



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	11851
63A, 3 pole	1	HNA063U	11851
80A, 3 pole	1	HNA080U	11851
100A, 3 pole	1	HNA100U	11851
125A, 3 pole	1	▶ HNA125U	14205
160A, 3 pole	1	▶ HNA160U	17770

40A, 4 pole	1	HNA041U	15742
63A, 4 pole	1	▶ HNA064U	15742
80A, 4 pole	1	▶ HNA081U	15742
100A, 4 pole	1	▶ HNA101U	15742
125A, 4 pole	1	▶ HNA126U	17074
160A, 4 pole	1	▶ HNA161U	20324



HNB100U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
200A, 3 pole	1	▶ HNB200Z	17347
250A, 3 pole	1	▶ HNB250Z	21667
200A, 4 pole	1	▶ HNB201Z	18038
250A, 4 pole	1	▶ HNB251Z	23553

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	13208
125A, 3 pole	1	HNB125U	14726
160A, 3 pole	1	HNB160U	19477
200A, 3 pole	1	▶ HNB200U	20671
250A, 3 pole	1	▶ HNB250U	27849
100A, 4 pole	1	HNB101U	16925
125A, 4 pole	1	HNB126U	17779
160A, 4 pole	1	HNB161U	22414
200A, 4 pole	1	▶ HNB201U	29959
250A, 4 pole	1	▶ HNB251U	33512

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	121338
1000A, 3 pole	1	HNE970H	143323
800A, 4 pole	1	▶ HNE801H	150657
1000A, 4 pole	1	HNE971H	190485



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	16868
250A, 4 pole	1	HCB251Z	19698



HXA021H



HXA030H



HXC021H



HBA161H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
X160 Frame MCCB			
Auxiliary Contact	1	▶ HXA021H	1509
Alarm Contact	1	▶ HXA024H	1531
Shunt 24V DC	1	HXA001H	3160
Shunt 230V AC	1	▶ HXA004H	3160
UnderVoltage - 24V DC	1	HXA011H	3809
UnderVoltage - 240V AC	1	▶ HXA014H	3809
UnderVoltage - 415V AC	1	▶ HXA015H	3809
Direct Rotary Handle	1	HXA030H	1914
Extended Rotary Handle	1	▶ HXA031H	2689
Spreaders - 3P	1	▶ HYA014H	735
Speaders - 4P	1	▶ HYA015H	987
Phase barriers - 3P / 4P	1	HYB019H	277
DIN Rail Adaptor	1	HYA033H	543

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
X250 Frame MCCB			
Auxiliary Contact	1	▶ HXA021H	1509
Alarm Contact	1	▶ HXA024H	1531
Shunt 24V DC	1	HXA001H	3160
Shunt 230V AC	1	▶ HXA004H	3160
UnderVoltage - 24V DC	1	HXA011H	3809
UnderVoltage - 240V AC	1	▶ HXA014H	3809
UnderVoltage - 415V AC	1	HXA015H	3809
Direct Rotary Handle	1	HXB030H	2014
Extended Rotary Handle	1	▶ HXB031H	3000
Motor Operator 240VAC	1	HXB042H	30929
Spreaders - 3P	1	▶ HYB011H	842
Speaders - 4P	1	▶ HYB012H	1146
Phase barriers - 3P / 4P	1	HYB019H	277
Mechanical Interlock	1	HXB065H	19260

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
H1000 Frame MCCB			
Auxiliary Contact	1	HXC021H	1629
Alarm Contact	1	HXC024H	1629
Shunt 24V DC	1	HXC001H	3777
Shunt 230V AC	1	HXC004H	3777
UnderVoltage - 24V DC	1	HXE011H	3322
UnderVoltage - 240V AC	1	HXE014H	3322
UnderVoltage - 415V AC	1	HXE015H	3322
Direct Rotary Handle	1	HXE030H	4316
Extended Rotary Handle	1	▶ HXE031H	7763
Motor Operator 240VAC	1	HXE042H	50172
Mechanical Interlock	1	HXE065H	118266

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
X160 Frame MCCB Add on block			
"Idn=300mA fixed sensitivity instantaneous tripping", 125A, 3 Pole	1	HBA127H	21723
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 3 Pole	1	HBA125H	25186
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 3 Pole	1	HBA160H	26927
"Idn=300 mA fixed sensitivity instantaneous tripping", 125A, 4 Pole	1	HBA128H	22596
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 4 Pole	1	HBA126H	26066
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 4 Pole	1	HBA161H	27803

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
X250 Frame MCCB Add on block			
Adjustable sensitivity till 6A, Adjustable tripping 1s, 250A, 4 Pole	1	HBB251H	19580



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	1005
	9A	230V 50/60Hz	1NO+1NC	1	EX000911D	1005
	9A	415V 50/60Hz	1NO+1NC	1	EX000911E	1005
HWC-12	12A	110V 50/60Hz	1NO+1NC	1	EX001211C	1120
	12A	230V 50/60Hz	1NO+1NC	1	EX001211D	1120
	12A	415V 50/60Hz	1NO+1NC	1	EX001211E	1120
HWC-16	16A	110V 50/60Hz	1NO+1NC	1	EX001611C	1280
	16A	230V 50/60Hz	1NO+1NC	1	EX001611D	1280
	16A	415V 50/60Hz	1NO+1NC	1	EX001611E	1280
HWC-18	18A	110V 50/60Hz	1NO+1NC	1	EX001811C	1280
	18A	230V 50/60Hz	1NO+1NC	1	EX001811D	1280
	18A	415V 50/60Hz	1NO+1NC	1	EX001811E	1280
HWC-22	22A	110V 50/60Hz	1NO+1NC	1	EX002211C	1830
	22A	230V 50/60Hz	1NO+1NC	1	EX002211D	1830
	22A	415V 50/60Hz	1NO+1NC	1	EX002211E	1830
HWC-25	25A	110V 50/60Hz	1NO+1NC	1	EX002511C	1830
	25A	230V 50/60Hz	1NO+1NC	1	EX002511D	1830
	25A	415V 50/60Hz	1NO+1NC	1	EX002511E	1830
HWC-32	32A	110V 50/60Hz	1NO+1NC	1	EX003211C	3660
	32A	230V 50/60Hz	1NO+1NC	1	EX003211D	3660
	32A	415V 50/60Hz	1NO+1NC	1	EX003211E	3660
HWC-40	40A	110V 50/60Hz	1NO+1NC	1	EX004011C	5765
	40A	230V 50/60Hz	1NO+1NC	1	EX004011D	5765
	40A	415V 50/60Hz	1NO+1NC	1	EX004011E	5765
HWC-50	50A	110V 50/60Hz	1NO+1NC	1	EX005011C	7155
	50A	230V 50/60Hz	1NO+1NC	1	EX005011D	7155
	50A	415V 50/60Hz	1NO+1NC	1	EX005011E	7155
HWC-65	65A	110V 50/60Hz	1NO+1NC	1	EX006511C	9695
	65A	230V 50/60Hz	1NO+1NC	1	EX006511D	9695
	65A	415V 50/60Hz	1NO+1NC	1	EX006511E	9695
HWC-75	75A	110V 50/60Hz	1NO+1NC	1	EX007511C	12580
	75A	230V 50/60Hz	1NO+1NC	1	EX007511D	12580
	75A	415V 50/60Hz	1NO+1NC	1	EX007511E	12580
HWC-85	85A	110V 50/60Hz	1NO+1NC	1	EX008511C	12580
	85A	230V 50/60Hz	1NO+1NC	1	EX008511D	12580
	85A	415V 50/60Hz	1NO+1NC	1	EX008511E	12580
HWC-100	100A	110V 50/60Hz	1NO+1NC	1	EX010011C	15700
	100A	230V 50/60Hz	1NO+1NC	1	EX010011D	15700
	100A	415V 50/60Hz	1NO+1NC	1	EX010011E	15700
HWC-160	160A	110V 50/60Hz	2NO+2NC	1	EX016022C	24240
	160A	230V 50/60Hz	2NO+2NC	1	EX016022D	24240
	160A	415V 50/60Hz	2NO+2NC	1	EX016022E	24240
HWC-185	185A	110V 50/60Hz	2NO+2NC	1	EX018522C	25855
	185A	230V 50/60Hz	2NO+2NC	1	EX018522D	25855
	185A	415V 50/60Hz	2NO+2NC	1	EX018522E	25855
HWC-225	225A	110V 50/60Hz	2NO+2NC	1	EX022522C	28075
	225A	230V 50/60Hz	2NO+2NC	1	EX022522D	28075
	225A	415V 50/60Hz	2NO+2NC	1	EX022522E	28075
HWC-265	265A	110V AC/DC	2NO+2NC	1	EX026522C	36005
	265A	230V AC/DC	2NO+2NC	1	EX026522G	36005
	265A	415V AC/DC	2NO+2NC	1	EX026522H	36005
HWC-330	330A	110V AC/DC	2NO+2NC	1	EX033022F	46965
	330A	230V AC/DC	2NO+2NC	1	EX033022G	46965
	330A	415V AC/DC	2NO+2NC	1	EX033022H	46965
HWC-400	400A	110V AC/DC	2NO+2NC	1	EX040022F	59705
	400A	230V AC/DC	2NO+2NC	1	EX040022G	59705
	400A	415V AC/DC	2NO+2NC	1	EX040022H	59705
HWC-630	630A	110V AC/DC	2NO+2NC	1	EX063022F	84095
	630A	230V AC/DC	2NO+2NC	1	EX063022G	84095
	630A	415V AC/DC	2NO+2NC	1	EX063022H	84095



OLR (Over Load 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	1705
	2.5-4A	1	EXB00004B	1705
	4-6A	1	EXB00006B	1705
	5.5-8A	1	EXB00008B	1705
	7-10A	1	EXB00010B	1705
	9-13A	1	EXB00013B	1705
	12-18A	1	EXB00018B	1705
	17-25A	1	EXB000025B	1705
HWR-38	23A-32A	1	EXB00032C	2965
	30A-38A	1	EXB00038C	2965
	23A-32A	1	EXB000032C	5215
HWR-100	30A-40A	1	EXB00040C	5215
	37A-50A	1	EXB00050C	5215
	48A-65A	1	EXB00065C	5215
	55A-70A	1	EXB00070C	5215
	63A-80A	1	EXB00080C	5215
HWR-200	80A-100A	1	EXB00100C	5215
	100A-200A	1	EXB00200E	17750
	125A-250A	1	EXB00250F	21250
HWR-630	200A-400A	1	EXB00400F	21250
	315A-630A	1	EXB00630F	21250

Accessories for Power Contactor

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Aux Contact 2NO Top Mounted	10	EXA000	400
Aux Contact 1NO+1NC Top Mounted	10	EXA001	400
Aux Contact 2NC Top Mounted	10	EXA002	400
Aux Contact 4NO Top Mounted	10	EXA003	760
Aux Contact 3NO+1NC Top Mounted	10	EXA004	760
Aux Contact 2NO+2NC Top Mounted	10	EXA005	760
Aux Contact 1NO+3NC Top Mounted	10	EXA006	760
Aux Contact 1NC Top Mounted	10	EXA007	760
Aux Contact 1NO+1NC Side Mounted HWC-06~225	10	EXA111	790
Aux Contact 1NO+1NC Side Mounted HWC-265~630	10	EXA112	790
HWC-09-22 coil 110V 50/60Hz	5	EXA201	750
HWC-09-22 coil 230V 50/60Hz	5	EXA202	750
HWC-09-22 coil 415V 50/60Hz	5	EXA203	750
HWC-25-32 coil 110V 50/60Hz	7	EXA211	780
HWC-25-32 coil 230V 50/60Hz	7	EXA212	780
HWC-25-32 coil 415V 50/60Hz	7	EXA213	780
HWC-40-65 coil 110V 50/60Hz	2	EXA221	1100
HWC-40-65 coil 230V 50/60Hz	2	EXA222	1100
HWC-40-65 coil 415V 50/60Hz	2	EXA223	1100
HWC-75-100 coil 110V 50/60Hz	2	EXA231	1400
HWC-75-100 coil 230V 50/60Hz	2	EXA232	1400
HWC-75-100 coil 415V 50/60Hz	2	EXA233	1400



MPCB (Motor Protection Circuit Breaker)

Characteristics:

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

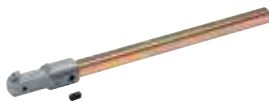
Frame	Rated Current (A)	Overload Protection Range	Breaking Capacity Icu	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Fr-25	0.16	0.1-0.16A	100	1	MMB50100	2990
	0.25	0.16-0.25A	100	1	MMB50200	2990
	0.4	0.25-0.4A	100	1	MMB50300	2990
	0.63	0.4-0.63A	100	1	MMB50400	2990
	1	0.63-1A	100	1	MMB50500	2990
	1.6	1-1.6A	100	1	MMB50600	2990
	2.5	1.6-2.5A	100	1	MMB50700	2990
	4	2.5-4A	100	1	MMB50800	2990
	6.3	4-6.3A	100	1	MMB50900	2990
	10	6-10A	100	1	MMB51000	2990
	14	9-14A	100	1	MMB51100	2990
	18	13-18A	100	1	MMB51200	2990
	23	17-23A	100	1	MMB51300	2990
	25	20-25A	100	1	MMB51400	2990
	Fr-80	32	23-32A	50	1	MMB51600
40		30-40A	50	1	MMB51500	13135
65		48-65A	50	1	MMB51700	13135
80		63-80A	50	1	MMB51800	13135

Accessories for MPCB

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
MPCB (1NO+1NC) Fault contact side mounted	3	MMA01	1000
MPCB (1NO+1NC) Aux contact top mounted	20	MMA02	1000
MPCB (1NO+1NC) Aux contact side mounted	4	MMA03	1000
MPCB (2NO) Aux contact side mounted	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	6548
100A	1	▶ HI405I	9255
125A	1	▶ HI451I	14280
160A	1	▶ HI452I	15825
250A	1	▶ HI454I	26233
400A	1	▶ HI456I	39629
630A	1	▶ HI458I	48029
800A	1	HI460I	76491
1250A	1	HI462I	167860
1600A	1	HI464I	288555

* includes bridging bars & external handle

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
External handle			
for HI 125 to 630A	1	HZ1002I	#
for HI 800 to 1600A	1	HZ1003I	#
Shaft extension			
for HI 125 to 630A, 200mm	1	HZC101I	#
for HI 125 to 630A, 320mm	1	HZC102I	#
for HI 800 to 1600A, 200mm	1	HZC105I	#
for HI 800 to 1600A, 320mm	1	HZC106I	#
Terminal shrouds			
for HI 125 to 200A	1	HZC202I	#
Top and bottom (2 pieces / packaging)			
for HI 200 to 400A	1	HZC204I	#
for HI 400 to 630A	1	HZC206I	#
Auxiliaries contacts			
for HI 125 to 1600A, 1NO + 1NC	1	HZ160I	#
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	8125
100A FP MCOS Hinged Door Box	1	100A	▶ VYE100M	10648
125A FP MCOS Hinged Door Box	1	125A	▶ VYE125M	15378
160A FP MCOS Hinged Door Box	1	160A	▶ VYE160M	16850
250A FP MCOS Hinged Door Box	1	250A	▶ VYE250M	27071
400A FP MCOS Hinged Door Box	1	400A	VYE400M	41413
630A FP MCOS Hinged Door Box	1	630A	VYE630M	48008
800A FP MCOS Hinged Door Box	1	800A	VYE800M	75038
1250A FP MCOS Hinged Door Box	1	1250A	VYE1250M	174452



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	62920
160A	1	▶ HIB416I	72643
250A	1	▶ HIB425I	90704
400A	1	▶ HIB440I	111654
630A	1	HIB463I	146506
800A	1	HIB480I	207048
1000A	1	HIB490I	218389
1250A	1	HIB491I	364024
1600A	1	HIB492I	339135

* includes bridging bars & external handle
 * controller to be ordered separately

Automatic Transfer Relays

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Controller	1	▶ HZI815I	24500

Terminal shrouds top and bottom (2 pieces / packaging)

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

Terminal covers

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

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	2446
Mains 30A, Genset 2.5A	1	▶ EKS302B	2446
Mains 30A, Genset 3A	1	▶ EKS303B	2446
Mains 30A, Genset 4A	1	EKS304B	2446
Mains 30A, Genset 5A	1	▶ EKS305B	2446
Mains 30A, Genset 6A	1	▶ EKS306B	2446
Mains 30A, Genset 9A	1	▶ EKS309B	2446
Mains 30A, Genset 12A	1	EKS312B	2446
Mains 30A, Genset 15A	1	EKS315B	2446
Mains 30A, Genset 20A	1	▶ EKS320B	2446
Mains 30A, Genset 30A (without current limiting)	1	▶ EKS330B	2446



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	12618
Mains 40A, Genset 10A	1	EKT410SG	12618
Mains 40A, Genset 16A	1	EKT416SG	12618
Mains 40A, Genset 20A	1	EKT420SG	12618
Mains 40A, Genset 25A	1	EKT425SG	12618
Mains 40A, Genset 30A	1	EKT430SG	12618
Mains 63A, Genset 6A	1	EKT606SG	18624
Mains 63A, Genset 10A	1	EKT610SG	18624
Mains 63A, Genset 16A	1	EKT616SG	18624
Mains 63A, Genset 20A	1	EKT620SG	18624
Mains 63A, Genset 25A	1	EKT625SG	18624
Mains 63A, Genset 30A	1	EKT630SG	18624
Mains 63A, Genset 40A	1	EKT640SG	18624

TPN / TPN

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 6A	1	EKT406TG	13217
Mains 40A, Genset 10A	1	EKT410TG	13217
Mains 40A, Genset 16A	1	EKT416TG	13217
Mains 40A, Genset 20A	1	EKT420TG	13217
Mains 40A, Genset 25A	1	EKT425TG	13217
Mains 40A, Genset 30A	1	EKT430TG	13217
Mains 63A, Genset 6A	1	EKT606TG	19224
Mains 63A, Genset 10A	1	EKT610TG	19224
Mains 63A, Genset 16A	1	EKT616TG	19224
Mains 63A, Genset 20A	1	EKT620TG	19224
Mains 63A, Genset 25A	1	EKT625TG	19224
Mains 63A, Genset 30A	1	EKT630TG	19224
Mains 63A, Genset 40A	1	EKT640TG	19224

TPN / TPN (without current limiting)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 40A	1	▶ EKT440TG	13217
Mains 63A, Genset 63A	1	▶ EKT663TG	31831

*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	595
1A, 1 module	12	-	-	NCN101N	595
2A, 1 module	12	-	-	NCN102N	595
3A, 1 module	12	-	-	NCN103N	595
4A, 1 module	12	-	-	NCN104N	595
6A, 1 module	12	NBN106N	376	NCN106N	367
10A, 1 module	12	NBN110N	376	NCN110N	367
16A, 1 module	12	NBN116N	376	NCN116N	367
20A, 1 module	12	NBN120N	376	NCN120N	367
25A, 1 module	12	NBN125N	376	NCN125N	367
32A, 1 module	12	NBN132N	376	NCN132N	367
40A, 1 module	12	NBN140N	814	NCN140N	844
50A, 1 module	12	NBN150N	814	NCN150N	844
63A, 1 module	12	NBN163N	814	NCN163N	844
Double Pole (Suitable for 1P+N application)					
0.5A, 2 module	6	-	-	NCN200N	1619
1A, 2 module	6	-	-	NCN201N	1619
2A, 2 module	6	-	-	NCN202N	1619
3A, 2 module	6	-	-	NCN203N	1619
4A, 2 module	6	-	-	NCN204N	1619
6A, 2 module	6	NBN206N	1129	NCN206N	1195
10A, 2 module	6	NBN210N	1129	NCN210N	1195
16A, 2 module	6	NBN216N	1129	NCN216N	1195
20A, 2 module	6	NBN220N	1129	NCN220N	1195
25A, 2 module	6	NBN225N	1129	NCN225N	1195
32A, 2 module	6	NBN232N	1129	NCN232N	1195
40A, 2 module	6	NBN240N	1811	NCN240N	1889
50A, 2 module	6	NBN250N	1811	NCN250N	1889
63A, 2 module	6	NBN263N	1811	NCN263N	1889
Triple Pole					
0.5A, 3 modules	4	-	-	NCN300N	2389
1A, 3 modules	4	-	-	NCN301N	2389
2A, 3 modules	4	-	-	NCN302N	2389
3A, 3 modules	4	-	-	NCN303N	2389
4A, 3 modules	4	-	-	NCN304N	2389
6A, 3 modules	4	NBN306N	1920	NCN306N	1917
10A, 3 modules	4	NBN310N	1920	NCN310N	1917
16A, 3 modules	4	NBN316N	1920	NCN316N	1917
20A, 3 modules	4	NBN320N	1920	NCN320N	1917
25A, 3 modules	4	NBN325N	1920	NCN325N	1917
32A, 3 modules	4	NBN332N	1920	NCN332N	1917
40A, 3 modules	4	NBN340N	2900	NCN340N	2908
50A, 3 modules	4	NBN350N	2900	NCN350N	2908
63A, 3 modules	4	NBN363N	2900	NCN363N	2908
Four Pole (Suitable for 3P+N application)					
0.5A, 4 modules	3	-	-	NCN400N	2974
1A, 4 modules	3	-	-	NCN401N	2974
2A, 4 modules	3	-	-	NCN402N	2974
3A, 4 modules	3	-	-	NCN403N	2974
4A, 4 modules	3	-	-	NCN404N	2974
6A, 4 modules	3	NBN406N	2468	NCN406N	2598
10A, 4 modules	3	NBN410N	2468	NCN410N	2598
16A, 4 modules	3	NBN416N	2468	NCN416N	2598
20A, 4 modules	3	NBN420N	2468	NCN420N	2598
25A, 4 modules	3	NBN425N	2468	NCN425N	2598
32A, 4 modules	3	NBN432N	2468	NCN432N	2598
40A, 4 modules	3	NBN440N	3560	NCN440N	3703
50A, 4 modules	3	NBN450N	3560	NCN450N	3703
63A, 4 modules	3	NBN463N	3560	NCN463N	3703



NDN106N



NDN206N



NDN306N



NDN406N

Miniature circuit breakers - type NDN---N

Characteristics:

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

Description	Pack Qty.	Cat. Ref. Curve D	Unit MRP (₹)
Single Pole			
0.5A, 1 module	12	NDN100N	588
1A, 1 module	12	NDN101N	588
2A, 1 module	12	NDN102N	588
3A, 1 module	12	NDN103N	588
4A, 1 module	12	NDN104N	588
6A, 1 module	12	▶ NDN106N	511
10A, 1 module	12	▶ NDN110N	511
16A, 1 module	12	▶ NDN116N	511
20A, 1 module	12	▶ NDN120N	511
25A, 1 module	12	▶ NDN125N	511
32A, 1 module	12	▶ NDN132N	511
40A, 1 module	12	NDN140N	910
50A, 1 module	12	NDN150N	910
63A, 1 module	12	NDN163N	910
Double Pole (Suitable for 1P+N application)			
0.5A, 2 modules	6	NDN200N	1646
1A, 2 modules	6	NDN201N	1646
2A, 2 modules	6	NDN202N	1646
3A, 2 modules	6	NDN203N	1646
4A, 2 modules	6	NDN204N	1646
6A, 2 modules	6	▶ NDN206N	1224
10A, 2 modules	6	NDN210N	1224
16A, 2 modules	6	▶ NDN216N	1224
20A, 2 modules	6	▶ NDN220N	1224
25A, 2 modules	6	▶ NDN225N	1224
32A, 2 modules	6	▶ NDN232N	1224
40A, 2 modules	6	▶ NDN240N	2011
50A, 2 modules	6	NDN250N	2011
63A, 2 modules	6	▶ NDN263N	2011
Triple Pole			
0.5A, 3 modules	4	NDN300N	2461
1A, 3 modules	4	NDN301N	2461
2A, 3 modules	4	NDN302N	2461
3A, 3 modules	4	NDN303N	2461
4A, 3 modules	4	NDN304N	2461
6A, 3 modules	4	NDN306N	1982
10A, 3 modules	4	NDN310N	1982
16A, 3 modules	4	NDN316N	1982
20A, 3 modules	4	NDN320N	1982
25A, 3 modules	4	NDN325N	1982
32A, 3 modules	4	▶ NDN332N	1982
40A, 3 modules	4	▶ NDN340N	3035
50A, 3 modules	4	NDN350N	3035
63A, 3 modules	4	▶ NDN363N	3035
Four Pole (Suitable for 3P+N application)			
0.5A, 4 modules	3	NDN400N	3030
1A, 4 modules	3	NDN401N	3030
2A, 4 modules	3	NDN402N	3030
3A, 4 modules	3	NDN403N	3030
4A, 4 modules	3	NDN404N	3030
6A, 4 modules	3	NDN406N	2635
10A, 4 modules	3	NDN410N	2635
16A, 4 modules	3	NDN416N	2635
20A, 4 modules	3	NDN420N	2635
25A, 4 modules	3	NDN425N	2635
32A, 4 modules	3	▶ NDN432N	2635
40A, 4 modules	3	▶ NDN440N	3926
50A, 4 modules	3	NDN450N	3926
63A, 4 modules	3	▶ NDN463N	3926



HLF199S

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	3410
100A, 1.5 modules	1	▶ HLF190S	3791
125A, 1.5 modules	1	▶ HLF199S	4132
Double Pole			
80A, 3 modules	1	HLF280S	7549
100A, 3 modules	1	▶ HLF290S	7970
125A, 3 modules	1	HLF299S	8685
Triple Pole			
80A, 4.5 modules	1	▶ HLF380S	11874
100A, 4.5 modules	1	▶ HLF390S	12529
125A, 4.5 modules	1	HLF399S	13764
Four Pole			
80A, 6 modules	1	▶ HLF480S	15446
100A, 6 modules	1	▶ HLF490S	15899
125A, 6 modules	1	▶ HLF499S	17895



HLF499S

Auxiliaries & accessories for MCBs, RCCBs & RCBOs



MZ215

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Auxiliary contact (1NO + 1NC), 0.5 module (For MCBs only)	1	▶ MZ201	1453
Trip alarm contact (1NO + 1NC), 0.5 module (For MCBs only)	1	▶ MZ202	1716
Shunt trip 230V AC, 1 module	1	▶ MZ203	4182
Shunt trip 12-48V DC, 1 module	1	MZ204	4182
Undervoltage release, 230V AC, 1 module	1	▶ MZ206	3595
MCB Locking kit	2	MZN175	830
Auxiliary + alarm switch (for RCCB), 1 module	1	▶ CZ001	2744
Oversvoltage release, 230V AC, $U_c > 280V$, 1 module	1	▶ MZ209	4236
Oversvoltage + Low voltage release, 230V AC, $60V AC < U < 170V AC$, $U > 267V AC$, 1 module	1	▶ MZ215	5690
Oversvoltage release, 230V AC, $U > 275 V AC$, 3 phase in 1 module Suitable for 3Ph+N	1	▶ MZ216	7638

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	9714
25A, 2 modules	1	10 mA	CD225Y	11140
	1	30 mA	▶ CE225Y	4118
	1	100 mA	▶ CE225Y	4616
	1	300 mA	▶ CF225Y	4634
40A, 2 modules	1	30 mA	▶ CD240Y	4823
	1	100 mA	▶ CE240Y	5205
	1	300 mA	▶ CF240Y	5367
63A, 2 modules	1	30 mA	▶ CD263Y	5823
	1	100 mA	▶ CE263Y	6293
	1	300 mA	▶ CF263Y	6339
100A, 2 modules	1	30 mA	CDC284Y	15838
	1	300 mA	CEC284Y	15838



CD440Y

Four Pole

25A, 4 modules	1	30 mA	▶ CD425Y	5821
	1	100 mA	▶ CE425Y	6057
	1	300 mA	▶ CF425Y	6176
40A, 4 modules	1	30 mA	▶ CD440Y	5693
	1	100 mA	▶ CE440Y	6098
	1	300 mA	▶ CF440Y	6295
63A, 4 modules	1	30 mA	▶ CD463Y	6448
	1	100 mA	▶ CE463Y	7267
	1	300 mA	▶ CF463Y	7267
100A, 4 modules	1	30 mA	CDC484Y	15984
	1	100 mA	CEC484Y	15984
	1	300 mA	▶ CFC484Y	16237



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	8819
	1	300 mA	CQ225J	8495
40A, 2 modules	1	30 mA	▶ CH240J	9182
	1	300 mA	▶ CQ240J	8790
63A, 2 modules	1	30 mA	CH263J	9448
	1	300 mA	▶ CQ263J	9255



CH440J

Four Pole

25A, 4 modules	1	30 mA	CH425J	9932
	1	300 mA	CQ425J	9439
40A, 4 modules	1	30 mA	▶ CH440J	10254
	1	300 mA	CQ440J	9835
63A, 4 modules	1	30 mA	CH463J	10431
	1	300 mA	CQ463J	10143



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	5965
	1	100mA	AE956Y	6087
	1	300 mA	AF956Y	6314
10A, 2 modules	1	30 mA	▶ AD960Y	5965
	1	100mA	AE960Y	6087
	1	300 mA	AF960Y	6314
16A, 2 modules	1	30 mA	▶ AD966Y	5965
	1	100 mA	AE966Y	6087
	1	300 mA	AF966Y	6314
20A, 2 modules	1	30 mA	▶ AD970Y	5965
	1	100 mA	▶ AE970Y	6087
	1	300 mA	AF970Y	6314
25A, 2 modules	1	30 mA	▶ AD975Y	5965
	1	100mA	▶ AE975Y	6087
	1	300 mA	AF975Y	6314
32A, 2 modules	1	30 mA	▶ AD982Y	6273
	1	100mA	▶ AE982Y	6260
	1	300 mA	AF982Y	6644
40A, 2 modules	1	30 mA	▶ AD990Y	7439
	1	100mA	▶ AE990Y	7610
	1	300 mA	AF990Y	7485



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	10789
	1	300 mA	AFH956	11419
10A, 2 modules	1	30 mA	ADH960	10789
	1	300 mA	AFH960	11419
16A, 2 modules	1	30 mA	▶ ADH966	10789
	1	300 mA	▶ AFH966	11419
20A, 2 modules	1	30 mA	▶ ADH970	10789
	1	300 mA	AFH970	11419
25A, 2 modules	1	30 mA	▶ ADH975	10789
	1	300 mA	AFH975	11419
32A, 2 modules	1	30 mA	▶ ADH982	12220
40A, 2 modules	1	30 mA	▶ ADH990	14426



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	4865
	1	100 mA	AEC206Y	6054
10A, 4 modules	1	30 mA	ADC210Y	5041
	1	100 mA	AEC210Y	6054
16A, 4 modules	1	30 mA	▶ ADC216Y	4663
	1	100 mA	▶ AEC216Y	5819
	1	300 mA	AFC216Y	6021
25A, 4 modules	1	30 mA	▶ ADC225Y	4800
	1	100 mA	▶ AEC225Y	6108
	1	300 mA	AFC225Y	6436
32A, 4 modules	1	30 mA	▶ ADC232Y	5094
	1	100 mA	▶ AEC232Y	5962
	1	300 mA	AFC232Y	6225
40A, 4 modules	1	30 mA	▶ ADC240Y	6061
	1	100 mA	▶ AEC240Y	6709
	1	300 mA	AFC240Y	6897
63A, 4 modules	1	30 mA	▶ ADC263Y	7757
	1	100 mA	▶ AEC263Y	8294
	1	300 mA	AFC263Y	8436



ADC425Y

Four Pole

16A, 6 modules	1	30 mA	▶ ADC416Y	6563
	1	100 mA	▶ AEC416Y	7396
	1	300 mA	AFC416Y	7630
25A, 6 modules	1	30 mA	▶ ADC425Y	7017
	1	100 mA	▶ AEC425Y	7577
	1	300 mA	▶ AFC425Y	7869
32A, 7 modules	1	30 mA	▶ ADC432Y	6769
	1	100 mA	▶ AEC432Y	7385
	1	300 mA	▶ AFC432Y	7611
40A, 7 modules	1	30 mA	▶ ADC440Y	6870
	1	100 mA	▶ AEC440Y	7481
	1	300 mA	▶ AFC440Y	7507
63A, 7 modules	1	30 mA	▶ ADC463Y	8456
	1	100 mA	▶ AEC463Y	8909
	1	300 mA	▶ AFC463Y	9064



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	20587
125A, adjustable sensitivity – 300/500mA/1A, 6 modules Trip time – Inst, 60 msec, 150 msec	1	BTC380E	22125
4P Type AC			
125A, 30mA, instantaneous trip, 6 modules	1	BDC480E	22967
125A, 300mA, instantaneous trip, 6 modules	1	BFC480E	22072
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	BTC480E	25693
3P Type Hi			
125A, 30mA, instantaneous trip, 6 modules	1	BDH380E	24477
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	BTH380E	29829
4P Type Hi			
125A, 30mA, instantaneous trip, 6 modules	1	BDH480E	27871
125A, 300mA, instantaneous trip, 6 modules	1	BFH480E	30671
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	BTH480E	33024



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	403
	6	Double Pole	LSN502	674
L51 fuse carriers				
690V - 32A	1	Single Pole	LS601	1487
	1	Double Pole	LS602	3077



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	80	
10 x 38 mm	10		2A	▶ LF302G	80	
breaking capacity: 120kA	10		4A	▶ LF304G	80	
	10		6A	▶ LF306G	80	
	10		10A	▶ LF310G	80	
	10		12A	▶ LF312G	80	
	10		16A	▶ LF316G	80	
	10		20A	▶ LF320G	80	
	10		25A	▶ LF325G	87	
	10		400 V AC	32A	▶ LF332G	94
Cartridge fuses						
type gG	10		690 V AC	6A	LF406G	161
14 x 51 mm						
breaking capacity:	10	500 V AC	32A	LF432G	161	
	10		40A	LF440G	161	
	10	400 V AC	50A	LF450G	201	



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	15151
Imax 12.5kA (Remote Signaling)	1	4P T1+T2 TNS/TT	▶ SPL412R	30323
Type 2 products-main protection				
Imax 20kA	1	2P T2 TNS/TT	▶ SPL220	8403
Imax 20kA	1	4P T2 TNS/TT	▶ SPL420	15967
Imax 40kA	1	2P T2 TNS/TT	▶ SPL240	9909
Imax 40kA	1	4P T2 TNS/TT	▶ SPL440	19457
Imax 65kA (Remote Signaling)	1	2P T2 TNS/TT	SPL265R	16937
Imax 65kA (Remote Signaling)	1	4P T2 TNS/TT	▶ SPL465R	33636
Phase cartridges for				
	1	SPL220/SPL420	SPL020	2726
	1	SPL240/SPL440	SPL040	3342
	1	SPL265R/SPL465R	SPL065	3999
Neutral cartridges for				
	1	SPL240/SPL440	SPL040N	5336
	1	SPL265R/SPL465R	SPL065N	6387



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	2933
40A, 2 modules	1	▶ SFT240N	4468
63A, 4 modules		▶ SF263	4741
Four Pole			
40A, 4 modules	1	▶ SFT440N	7197
63A, 8 modules	1	▶ SF463	7909



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	566
Double Pole			
25A, 1 module	1	▶ SBN225N	609
32A, 1 module	1	SBN232N	661
40A, 2 modules	1	▶ SBN240N	690
63A, 2 modules	1	▶ SBN263N	917
100A, 2 modules	1	SBN290N	1276
125A, 2 modules	1	SBN299N	1453
Triple Pole			
32A, 2 module	1	▶ SBN332N	1207
40A, 3 modules	1	▶ SBN340N	1222
63A, 3 modules	1	▶ SBN363N	1463
100A, 3 modules	1	▶ SBN390N	1702
125A, 3 modules	1	SBN399N	1962
Four Pole			
32A, 2 module	1	▶ SBN432N	1308
40A, 4 modules	1	▶ SBN440N	1534
63A, 4 modules	1	▶ SBN463N	1708
100A, 4 modules	1	▶ SBN490N	2141
125A, 4 modules	1	▶ SBN499N	2334



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.



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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	1027
Red, 1 module	12	SVN122	1027
Orange, 1 module	12	SVN123	1027
Blue, 1 module	12	SVN124	1027
Red+Green indicator, 1 module	12	SVN126	1325
Red+Green+Orange indicator, 1 module	12	SVN129	1458
Red+Orange+Blue (RYB) indicator, 1 module	12	SVN222	1919



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	1393
2NO, 1 module	1	SVN332	1431
1NO + 1NC, 1 module	1	SVN352	1431

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
16A with green indicator			
1NO, 1 module	1	SVN413	1983



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	2762
1 NO+1NC, 25A, 1 module	1	ESC227	3005
2 NO, 40A, 3 modules	1	▶ ESC240	4811
2 NO, 63A, 3 modules	1	ESC263	6551
3 NO, 40A, 3 modules	1	ESC340	6571
3 NO, 63A, 3 modules	1	ESC363	8353
4 NO, 25A, 3 modules	1	ESC425	4310
4 NO, 40A, 3 modules	1	▶ ESC440	7905
2 NO+2NC, 40A, 3 modules	1	ESC442	7217
3 NO+1NC, 40A, 3 modules	1	ESC443	7018
4 NO, 63A, 3 modules	1	▶ ESC463	9418
2NO+2NC, 63A, 3 modules	1	ESC465	8426
3NO+1NC, 63A, 3 modules	1	ESC466	7321
Auxiliary contact 1NO+1NC	1	ESC080	2625



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	EH011	
Quartz 1 channel 1 daily dial 3 modules	1	EH111	* price on request
Quartz 1 channel 1 daily dial	1	EH711	
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	
Astro time switch with USB key, 2 channels	1	EE181	* price on request
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	18172
Outdoor IP54 twilight switch 2 to 1000 lux	1	EE702	7639
Spare IP54 surface cell for EE100 & 110	1	EE003	7193



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 15 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	
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	
Enhanced range			
Movement detector, 140°, 16m front detection, 16A AC 1	1	EE850	
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	



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 EE815 & EE816	1	EE807	* price on request
User remote control for EE816	1	EE808	
Surface mounting box (for EE810, EE811, EE812)	1	EE813	



EVN004

Dimmers & dimming system

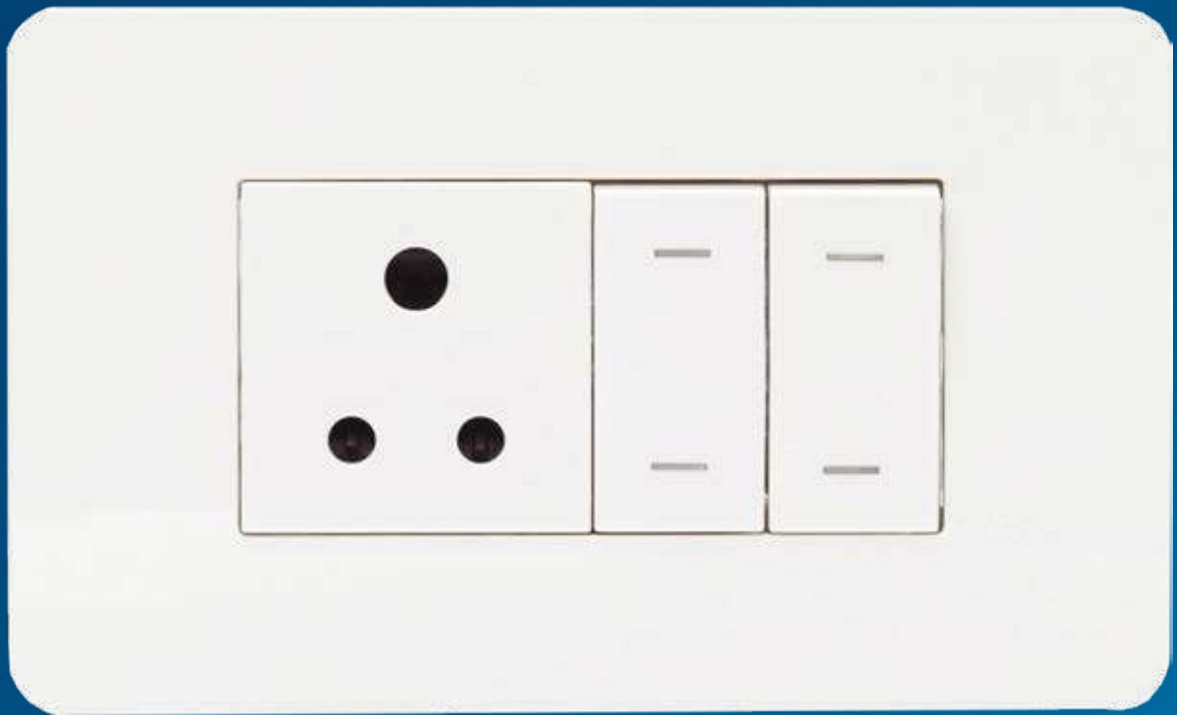
Characteristics:

- 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.



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WSNSW11

insysta™ 6AX switches

Description	Module size	Cat. Ref.	Unit MRP (₹)
1 way glossy white	1	WSNSW11	165
1 way glossy white with LED	1	WSNSL11	261
1 way anthracite	1	WSNSW11A	201
1 way anthracite with LED	1	WSNSL11A	312
2 way glossy white	1	WSNSW21	235
2 way anthracite	1	WSNSW21A	279



WSNSW31

insysta™ 10AX switches

Description	Module size	Cat. Ref.	Unit MRP (₹)
1 way glossy white	1	WSNSW31	205
1 way anthracite	1	WSNSW31A	249



WSNSW61

insysta™ 16AX switches

Description	Module size	Cat. Ref.	Unit MRP (₹)
1 way glossy white	1	WSNSW51	311
1 way glossy white with LED	1	WSNSL51	296
1 way anthracite	1	WSNSW51A	336
1 way anthracite with LED	1	WSNSL51A	359
2 way glossy white	1	WSNSW61	335
2 way anthracite	1	WSNSW61A	404



WSNSL71

insysta™ 20AX switches

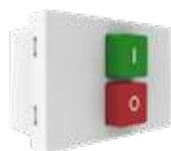
Description	Module size	Cat. Ref.	Unit MRP (₹)
1 way glossy white	1	WSNSW71	301
1 way glossy white with LED	1	WSNSL71	325
1 way anthracite	1	WSNSW71A	364
1 way anthracite with LED	1	WSNSL71A	385



WSNSW81

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

Description	Module size	Cat. Ref.	Unit MRP (₹)
20A DP 1 way glossy white	2	WSNSW81	660
20A DP 1 way anthracite	2	WSNSL81A	789
32A DP 1 way glossy white	2	WSNSW92	932
32A DP 1 way anthracite	2	WSNSL92A	1120



WSNMS12

insysta™ 25A motor starter switches

Description	Module size	Cat. Ref.	Unit MRP (₹)
glossy white	3	WSNMS12	763
anthracite	3	WSNMS12A	915

insysta™ Push button



WSNBP11

Description	Module size	Cat. Ref.	Unit MRP (₹)
6A glossy white	1	WSNBP11	239
6A glossy white with Indicator	1	WSNBP21	325
6A glossy white	2	WSNBP12	346
6A glossy white with Indicator	2	WSNBP22	415
6A anthracite	1	WSNBP11A	290
6A anthracite with Indicator	1	WSNBP21A	385
6A anthracite	2	WSNBP12A	415
6A anthracite with Indicator	2	WSNBP22A	505

insysta™ Sockets



WSNSK42

Description	Module size	Cat. Ref.	Unit MRP (₹)
6 / 16A glossy white Protruded	2	WSNSK42	401
6 / 16A glossy white	3	WSNSK53	487
6 / 16A anthracite Protruded	2	WSNSK42A	482
6 / 16A anthracite	3	WSNSK53A	601
6A Indian socket glossy white	2	WSNSK72	291
6A Indian socket anthracite	2	WSNSK72A	386

insysta™ Regulators & dimmers



WSNFC22

Description	Module size	Cat. Ref.	Unit MRP (₹)
100W glossy white fan regulator	1	WSNFC11	826
120W glossy white fan regulator	2	WSNFC22	1109
400W glossy white incandescent rotary dimmer	1	WSNDM11	1009
1000W glossy white incandescent rotary dimmer	2	WSNDM22	1997
100W anthracite fan regulator	1	WSNFC11A	971
120W anthracite fan regulator	2	WSNFC22A	1327
400W anthracite incandescent rotary dimmer	1	WSNDM11A	1198
1000W anthracite incandescent rotary dimmer	2	WSNDM22A	2399

insysta™ Data sockets



WSNDS11

Description	Module size	Cat. Ref.	Unit MRP (₹)
glossy white RJ11 single	1	WSNDS11	258
glossy white RJ11 twin	1	WSNDS21	360
glossy white RJ45 cat 5e	1	WSNDS31	656
glossy white RJ45 cat 6	1	WSNDS41	760
anthracite RJ11 single	1	WSNDS11A	319
anthracite RJ11 twin	1	WSNDS21A	430
anthracite RJ45 cat 5e	1	WSNDS31A	792
anthracite RJ45 cat 6	1	WSNDS41A	910

insysta™ VDI module & accessories



WSNDT11



WSNDT31

Description	Module size	Cat. Ref.	Unit MRP (₹)
glossy white HDMI Port	1	WSNDT21	1896
glossy white 3x female RCA AV Connector	1	WSNDT31	2554
glossy white female HD VGA 15AV Connector	1	WSNDT42	3288
glossy white Co-Axial TV socket	1	WSNDT11	207
glossy white cord outlet	1	WSNDS71	283
glossy white blanking plate	1	WSNBK11	50
anthracite HDMI Port	1	WSNDT21A	2274
anthracite 3x female RCA AV Connector	1	WSNDT31A	3002
anthracite female HD VGA 15AV Connector	1	WSNDT42A	3871
anthracite Co-Axial TV socket	1	WSNDT11A	259
anthracite cord outlet	1	WSNDS71A	342
anthracite blanking plate	1	WSNBK11A	58



WSNDS51

insysta™ USB sockets

Description	Module size	Cat. Ref.	Unit MRP (₹)
glossy white USB Port	1	WSNDS51	1519
anthracite USB Port	1	WSNDS51A	1818
2A glossy white USB charger	1	WSNDS61	2704
2A anthracite USB charger	1	WSNDS61A	3071

- 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	1763
glossy white internal DND/MMR control & light indicator for DND/MMR	2	WSNHS22	1293
anthracite external DND/MMR with door bell switch & light indicator DND/MMR	2	WSNHS12A	2116
anthracite internal DND/MMR control & light indicator for DND/MMR	2	WSNHS22A	1550



WSNHS12

Hotel card unit

glossy white hotel key card	2	WSNHS33	4443
anthracite hotel key card	2	WSNHS33A	5399

Shaver socket

glossy white shaver socket	4	WSNHS44	5289
anthracite shaver socket	4	WSNHS44A	6347

Skirting light

glossy white skirting light with white LED	2	WSNHS52	917
anthracite skirting light with white LED	2	WSNHS52A	1130



WSNHS62

Buzzer

glossy white buzzer	2	WSNHS62	1175
anthracite buzzer	2	WSNHS62A	1410

Volume controller

glossy white volume controller	2	WSNHS72	1519
anthracite volume controller	2	WSNHS72A	1690

insysta™ Cover plates - Plastic



WSNCG1

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	158	WSNCG1A	290	WSNCG1S	284
15	2	WSNCG2	165	WSNCG2A	308	WSNCG2S	301
10	3	WSNCG3	188	WSNCG3A	323	WSNCG3S	327
10	4	WSNCG4	193	WSNCG4A	374	WSNCG4S	369
5	6	WSNCG6	358	WSNCG6A	615	WSNCG6S	622
5	8	WSNCG8	424	WSNCG8A	682	WSNCG8S	662
5	8	WSNCGS8	504	WSNCGS8A	892	WSNCGS8S	874
5	12	WSNCG12	640	WSNCG12A	1158	WSNCG12S	1135
5	18	WSNCG18	867	WSNCG18A	1528	WSNCG18S	1496

insysta™ Cover plates - Real material



WSNCG1GW

Pack qty.	Module size	White glass		Black glass	
		Cat. Ref.	Unit MRP (₹)	Cat. Ref.	Unit MRP (₹)
1	1	WSNCG1GW	2013	WSNCG1GB	2079
1	2	WSNCG2GW	2262	WSNCG2GB	2327
1	3	WSNCG3GW	2872	WSNCG3GB	2936
1	4	WSNCG4GW	2960	WSNCG4GB	3020
1	6	WSNCG6GW	4152	WSNCG6GB	4216
1	8	WSNCG8GW	4973	WSNCG8GB	4894
1	8	WSNCGS8GW	4960	WSNCGS8GB	5020
1	12	WSNCG12GW	5594	WSNCG12GB	5661



WSNG3

insysta™ Grid plates - Real material

Description	Pack qty.	Module size	Cat. Ref.	Unit MRP (₹)
Grid Plate - 1 module	1	1	WSNG1	98
Grid Plate - 2 module	1	2	WSNG2	98
Grid Plate - 3 module	1	3	WSNG3	109
Grid Plate - 4 module	1	4	WSNG4	144
Grid Plate - 6 module	1	6	WSNG6	196
Grid Plate - 8 module (Horizontal)	1	8	WSNG8	241
Grid Plate - 8 module (Square)	1	8	WSNG8S	253
Grid Plate - 12 module	1	12	WSNG12	364



WSNMB3

insysta™ Wall boxes

Description	Pack qty.	Module size	Cat. Ref.	Unit MRP (₹)
Metal Mounting Boxes 1 & 2	60	2	WSNMB2	122
Metal Mounting Boxes 3 module	45	3	WSNMB3	122
Metal Mounting Boxes 4 module	30	4	WSNMB4	160
Metal Mounting Boxes 6 module	20	6	WSNMB6	252
Metal Mounting Boxes 8 module (Horizontal)	15	8	WSNMB8H	297
Metal Mounting Boxes 8 module (Square)	24	8	WSNMB8R	297
Metal Mounting Boxes 12 module	16	12	WSNMB12	448
Metal Mounting Boxes 18 module	10	18	WSNMB18	566

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.

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