Energy distribution, Controls & Wiring accessories.

Pricelist

with effect from

01st March 2024

Mundhra Brothers

:hager

MundhraBrothers

The reliable partner for intelligent solutions.

MundhraBrothers

Our vision

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

Our world today and tomorrow

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

Big enough to matter, small enough to care

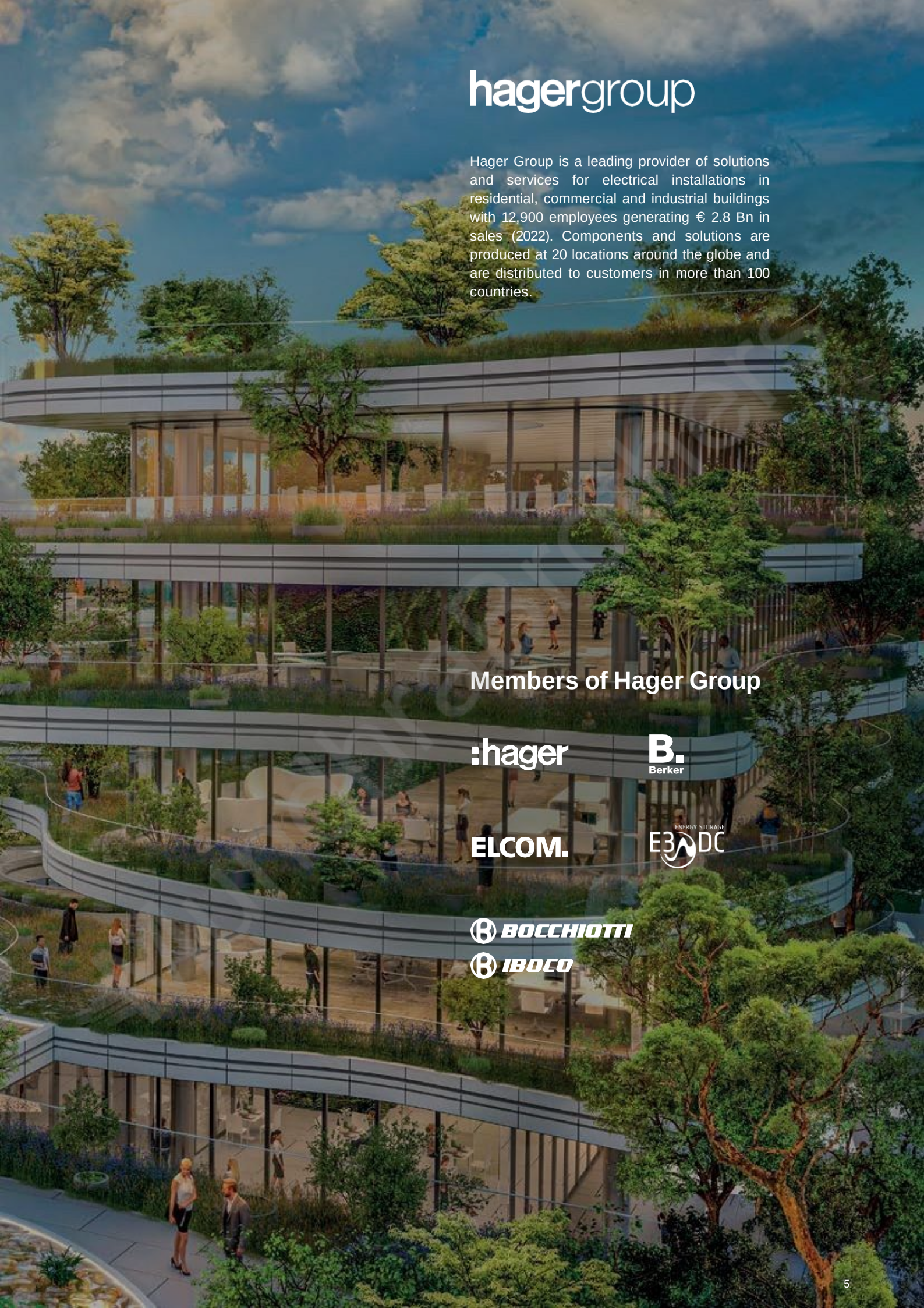
As a global player, we play in every domain of the electrical infrastructure world; energy distribution, energy management, e-mobility, cable management, wiring accessories, connected and automated homes. We have you covered and our products and solutions are almost always customisable should you desire.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

Generational approach

As a family-owned business that prides itself on being easy to work with, finding solutions in the spirit of collaboration, cooperation and co-creation is how we enjoy working on a daily basis, it's how we feel business is done best and how end results are best achieved together.
Because we're driven by an entrepreneurial flair in a world where people like you matter to us, so much so that we'll be by your side right through your projects and beyond. No matter what, Hager will go the extra mile for you to meet your requirements.

Looking ahead

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



hagergroup

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

Members of Hager Group

:hager

B. Berker

ELCOM.

ENERGY STORAGE E3/DC

BOCCHIOTTI

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.

E3 Ethics Employees Environment

Mundri & Brothers

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 considerately 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 environ- mental management.

Sustainability certifications for Hager Group:

Member of:

United Nations Global Compact

InfinraBrothers

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.

Mediabriefers

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.

MeyraBrothers

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

Sabine Busse
Hager Group CEO

Dear customers, partners and friends of Hager Group

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

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

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

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

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

Yours sincerely,
Sabine Busse

MurrayBrothers

Index

Page

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

12-23

02 Protection and switching devices
ACBs / MCCBs / MCCBs / Power Contactors / Relays / MPCB / Manual Changeover switches / Automatic transfer switches / ACCL / 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

MundhraBrothers

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

MundraBrothers

01

Page

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

MundhraBrothers

VYS12C

SPN distribution boards

Characteristics:

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

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

IP30 Single Door DBs

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

VYS12D

IP43 Double Door DBs

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

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

MundraBrothers

VYT06CH

TPN distribution boards

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

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

IP30 Single Door DBs
(Incomer + Outgoing Modules)

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

VYT06DH

IP43 Double Door DBs
(Incomer + Outgoing Modules)

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

Novello+ Distribution Boards

Advantages for you:

- Professional alignment with spirit level
- Reusable & flexible cable management
- Better protection with unique door packaging
- Upgrade to lockable enclosures possible
- Standard Accessories:
  - Wires sets
  - Insulated bus bars
  - Insulated neutral bars & earth bar
  - blanking plates, Cable management system
  - Circuit identification labels

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

MundhraBrothers

VYH04DH

TPN horizontal PPI distribution boards

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

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

IP43 Double Door DBs
(Incomer+ Sub Incomer + Outgoing Modules)

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

TPN tier PPI distribution board

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

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

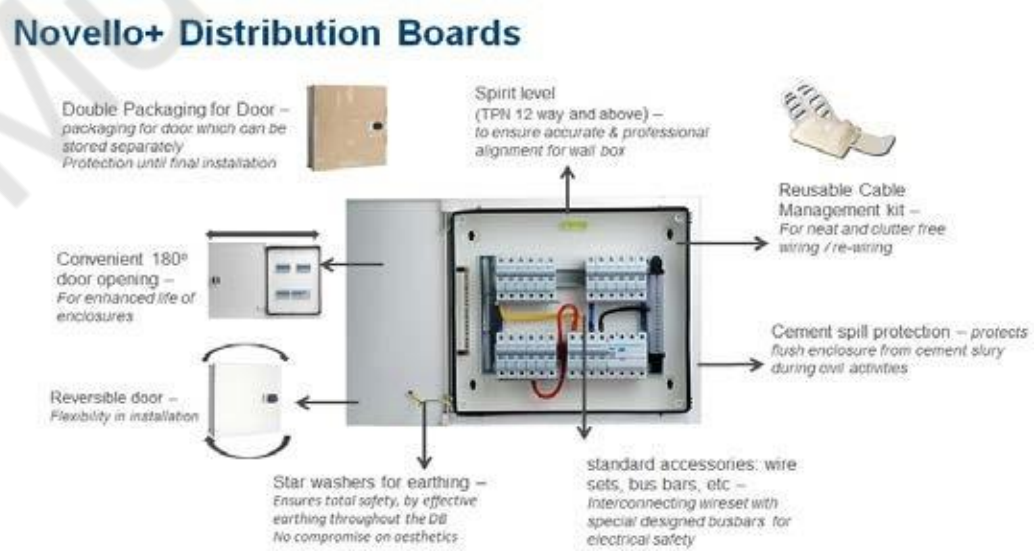
VYP10DH

IP43 Double Door DBs
(Incomer+ Sub Incomer + Outgoing Modules)

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

- ***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.**



MundraBrothers

VYV04DL-P

vertical TPN distribution boards (modular incomer)

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

- Accessories:
- Interconnection labels
- Blanking plates
- Cable management kit

IP43 Double Door DBs
(Incomer + Outgoing Modules)

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

Metering Box

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

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

MudhraBrothers

VYV06DM-P

vertical TPN distribution boards (x160 h3 MCCB incomer)

Characteristics:
- Double Door: IP43
- As per IS 8623 - III
- Impact resistance IK09
- X160 frame h3 MCCB incomer & SP/TP MCBs as outgoing

- Accessories:
- 160A rated busbar
- Blanking plates
- Cable management kit
- Identification labels as standard

IP43 Double Door DBs
(MCCB + Outgoing Modules)

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

VYV06DM-P160

vertical TPN distribution boards (P160 h3+ MCCB incomer)

Characteristics:
- Double Door: IP43
- As per IS 8623 - III
- Impact resistance IK09
- P160 frame h3 MCCB incomer & SP/TP MCBs as outgoing

- Accessories:
  - 160A rated busbar
  - Blanking plates
  - Cable management kit
  - Identification labels as standard

IP43 Double Door DBs
(MCCB + Outgoing Modules)

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

VYV06DM2-P

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

Characteristics:
- Double Door: IP43
- As per IS 8623 - III
- Impact resistance IK09
- x250 h3 / P250 h3+ frame h3 MCCB incomer & SP/TP MCBs as outgoing

- Accessories:
  - 250A rated busbar
  - Blanking plates
  - Cable management kit
  - Identification labels as standard

IP43 Double Door DBs
(MCCB + Outgoing Modules)

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

MunafraBrothers

VYG08DL

TPN phase segregated distribution boards

Characteristics:
- Single Door: IP30
- Double Door: IP43
- As per IS 8623 - III
- Impact resistance IK09
- Provision for mounting upto 12
- module incomer, 4 module sub
- incomer in each phase & SP
- MCBs as outgoing

- Accessories:
- Insulated busbar
- Wire sets
- Insulated IP2X neutral bars & earth bar
- Blanking plates
- Cable management kit
- Identification labels as standard

IP43 Double Door DBs
(Incomer+ Sub Incomer + Outgoing Modules)

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

- ***Provision to mount X160 frame H3 MCCB**

VYC06DH

TPN phase selector distribution boards

Characteristics:
- Single Door: IP30
- Double Door: IP43
- As per IS 8623 - III
- Impact resistance IK09
- 63A rotary switches

- Accessories:
  - Wire sets
  - Insulated busbars, neutral bars & earth bars
  - blanking plates
  - Cable management kit
  - Identification labels as standard

IP43 Double Door DBs
(Incomer+ Outgoing Modules)

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

VYF414D

flexi distribution boards

Characteristics:
- Double Door: IP43 & IP54
- Plain & Acrylic doors
- As per IS 8623 - III
- Impact resistance IK09
- Flexibility to mount incomer & outgoing as per need

- Accessories:
- Blanking plates
- Insulated IP2X neutral bars & earth bar
- Circuit identification labels as standard

IP43 Double Door DBs
(Total Modules)

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

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

AnandraBrothers

VYM04C

one way enclosures

Characteristics:
- IP30 degree of protection

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

VYA220C

plug & socket outlets - metal

Characteristics:
- Supplied with metal plug & socket
- Provision to mount MCBs
- Metal plug & socket: IP30

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

* SC - Scraping Earth

VYB432C

plug & socket outlets - plastic

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

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

MunotaBrothers

VZ130I & VZ140I

plug & socket outlets

Characteristics:
- Metal plug & socket:IP44

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

cable end box for novello+ DBs

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

VYT08E

Description

CEB for SPN DBs	Pack Qty.	Cat. Ref.	Unit MRP (₹)
CEB for 4 way SPN DD DB	1	**VYS04E**	1037
CEB for 6 way SPN DD DB	1	**VYS06E**	1094
CEB for 8 way SPN DD DB	1	**VYS08E**	1216
CEB for 12 way SPN DD DB	1	**VYS12E**	1379
CEB for 16 way SPN DD DB	1	**VYS16E**	1947
CEB for 18 way SPN DD DB	1	**VYS18E**	2022
CEB for TPN DB (for 8mod incomer)			
CEB for 4 way TPN DD DB	1	**VYT04E**	1779
CEB for 6 way TPN DD DB	1	▶ **VYT06E**	1929
CEB for 8 way TPN DD DB	1	**VYT08E**	3390
CEB for 12 way TPN DD DB	1	**VYT12E**	4531
CEB for 16 way TPN DD DB	1	**VYT16E**	4531
CEB for TPN Horizontal PPI DB			
CEB for 2 + 4 way Horizontal PPI DD DB	1	**VYH04E**	1872
CEB for 2 + 6 way Horizontal PPI DD DB	1	**VYH06E**	2938
CEB for 2 + 8 way Horizontal PPI DD DB	1	**VYH08E**	3436
CEB for 2 +12 way Horizontal PPI DD DB	1	**VYH12E**	3882
CEB for TPN Tier PPI DB			
CEB for 2 + 6 way Tier PPI DD DB	1	**VYP06E**	1616
CEB for 2 + 8 way Tier PPI DD DB	1	**VYP08E**	1646
CEB for 2 + 10 way Tier PPI DD DB	1	**VYP10E**	2039
CEB for 2 + 12 way Tier PPI DD DB	1	**VYP12E**	3115
CEB for 2 + 12 way Tier PPI DD DB (MCCB)	1	**VYP12EM**	3251
CEB for vertical TPN DB			
CEB for Vertical TPN DD DB	1	**VYV00E**	4977
CEB for Flexi DB			
CEB for 14Mod flexy DB	1	**VYF14E**	1697
CEB for 16Mod flexy DB	1	**VYF16E**	2068

VYH08E

Note: DD means double door

VZ100i

Accessories for novello+ DBs

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

MunishBrothers

VF312TJ

golf enclosures

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

Flush mounting

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

VS412PJ

Surface mounting

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

MundraBrothers

golf enclosures

Advantages for you:

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

VE318L

vector enclosures

Characteristics:
- Double door: IP65
- Surface mounted version
- Flexibility to mount incomer & outgoing as per need

Total modules

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

Busbars, neutral bars & other accessories for DBs

Characteristics:
- All Insulated busbars are rated for 63A

KDN163A

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

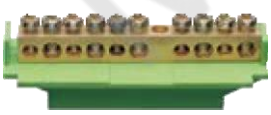
Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1 pole 1 mod step, 12 mod	100	**KDN163A**	547
1 pole 1 mod step, 56 mod	50	▶ **KD163B**	2047
2 pole 2 mod step, 12 mod	50	**KDN263A**	927
2 pole 2 mod step, 56 mod	20	▶ **KD263B**	3916
3 pole 3 mod step, 12 mod	50	**KDN363A**	984
3 pole 3 mod step, 57 mod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

Prong busbars (for MCBs ML---J)

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

End caps for busbars

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



KM14N

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

MunjalBrothers

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.

02

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

Mundra Brothers

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, mantainability and accessories make them ideal for protection for low voltage installations.

Without engineers

:hager

HWBS416EDA

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

Characteristics:

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

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

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

Accessories

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

Note:

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

ACB Variants

Description		Unit MRP (₹)
Switch Disconnector 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**

Mundhra Brothers

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 LSIG
D = OCR STD LSIG	H = OCR LCD display Energy LSIG

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)

MundraBrothers

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
B = AC/DC 110V
C = AC/DC 220V
D = AC 380V
E = AC 440V
F = DC 24V
G = DC 48V
H = AC/DC 110V with time delay
I = AC/DC 220V with time delay
J = AC 380V with time delay
K = AC 440V with time delay
L = DC 24V with time delay
M = DC 48V with time delay
N = AC/DC 110V double shunt release
O = AC/DC 220V double shunt release
P = AC 380V double shunt release
Q = AC 440V double shunt release
R = DC 24V double shunt release
S = DC 48V double shunt release

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

Motor operator & ready to close switch
A = without
B = AC/DC 110V motor only
C = AC/DC 220V motor only
D = AC 380V motor only
E = AC 440V motor only
F = DC 24V motor only
G = DC 48V motor only
N = AC/DC 110V motor with RTC
O = AC/DC 220V motor with RTC
P = AC 380V motor with RTC
Q = AC 440V motor with RTC
R = DC 24V motor with RTC
S = DC 48V motor with RTC
U = without motor with RTC

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

Air Circuit Breakers

01 Intelligent OCR

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

02 Flexible protection

Can switch ON/OFF LSIGN and thermal memory separately.

03 Easy communication

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

04 Easy maintenance

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

05 Flexible terminal connection

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

06 Wide range of accessories

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

MundhraBrothers

HHS025DR

h3+ MCCBs thermal magnetic release

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

Breaking Capacity

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

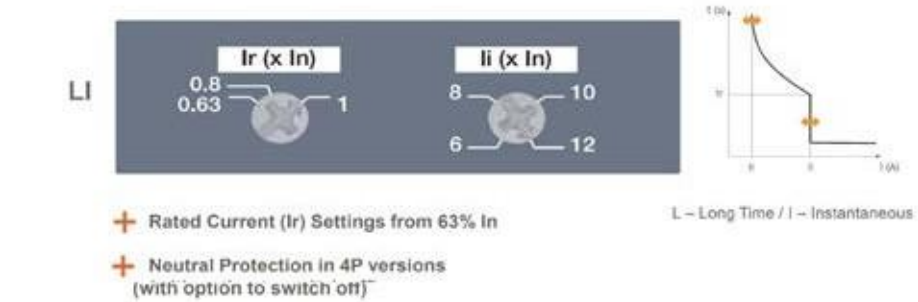
Breaking Capacity

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

Breaking Capacity

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

h3+
Thermal Magnetic Releases



MundraBrothers

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
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	**HHS040JR**	20461	**HHS041JR**	26569
100A		**HHS100JR**	20461	▶ **HHS101JR**	26315
160A	P250	**HHS160JR**	26135	▶ **HHS161JR**	33822
250A		**HHT250JR**	34352	▶ **HHT251JR**	44054

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

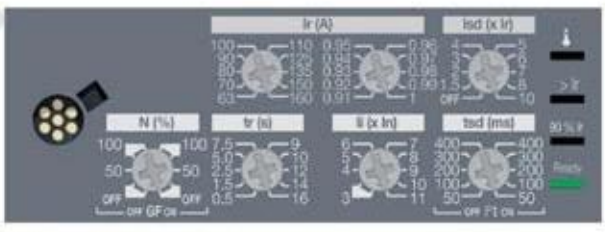
Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
40kA					
40A	P160	**HNS040JR**	20503	**HNS041JR**	26084
100A		▶ **HNS100JR**	20503	▶ **HNS101JR**	26084
160A		**HNS160JR**	26219	▶ **HNS161JR**	36837
250A	P250	▶ **HNT250JR**	36147	▶ **HNT251JR**	49382
400A	P630	**HNW400JR**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

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

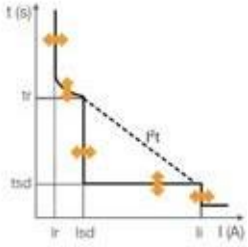
Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
50kA					
40A	P160	**HMS040JR**	23588	**HMS041JR**	32310
100A		**HMS100JR**	23588	**HMS101JR**	33277
160A		**HMS160JR**	29902	▶ **HMS161JR**	38721
250A	P250	▶ **HMT250JR**	40530	**HMT251JR**	55495
400A	P630	**HMW400JR**	60096	**HMW401JR**	77962
630A		**HMW630JR**	62214	**HMW631JR**	82429

h3+ Range Overview
Electronic Releases

LSI
LSIG



Trip unit 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

MundhraBrothers

HHT250LR

h3+ MCCBs microprocessor LSIG release

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

Breaking Capacity

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

Breaking Capacity

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

Breaking Capacity

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

h3+ Key Benefits

MundraBrothers

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
- Optinal Panel mounted display for visualization and control
- Complete range of accessories
- Direct mounting arrangement for Extended Rotary Handle for quick installation
- International Certification and approvals

Breaking Capacity

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

Breaking Capacity

Ics=100% Icu as per IEC 60947-2)	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
40kA	40A	P160	**HNS040NR**	60508	**HNS041NR**	67103
	100A		**HNS100NR**	60508	**HNS101NR**	67103
	160A		**HNS160NR**	61503	**HNS161NR**	69703
	250A	P250	**HNT250NR**	62220	**HNT251NR**	74956
	400A	P630	**HNW400NR**	93196	**HNW401NR**	104964
	630A		**HNW630NR**	105838	**HNW631NR**	130499

Breaking Capacity

Ics=100% Icu as per IEC 60947-2)	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
50kA	40A	P160	**HMS040NR**	61409	**HMS041NR**	68116
	100A		**HMS100NR**	61409	**HMS101NR**	68116
	160A		**HMS160NR**	57784	**HMS161NR**	70747
	250A	P250	**HMT250NR**	63144	**HMT251NR**	76077
	400A	P630	**HMW400NR**	94586	**HMW401NR**	106849
	630A		**HMW630NR**	106887	**HMW631NR**	132449

h3+ Energy Release with embedded display

OLED

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 Visulaization & control
- ZSI for Intelligent Discrimination

MundraBrothers

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

MadhraBrass

01
Secure screw

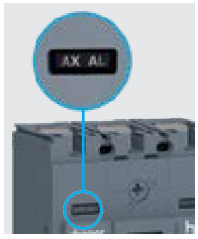
The quarter-turn auxiliary access system saves time when installing the product. The secure screw offers additional comfort.

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.

MunohraBrothers

HXA011H

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

HXA004H

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

HXW030H

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

MumbraBrothers

HDA125Z

MCCBs thermal magnetic release

Characteristics:
- Complies with IEC 60947-2
- Thermal Magnetic and Microprocessor Trip Units
- Calibrated at 50°C
- Current Limiting type
- Complete range of accessories
- International Certification and approvals

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

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

32A, 4 pole	1	**HDA033Z**	7981
40A, 4 pole	1	▶ **HDA041Z**	7981
63A, 4 pole	1	▶ **HDA064Z**	7981
80A, 4 pole	1	**HDA081Z**	7981
100A, 4 pole	1	▶ **HDA101Z**	7981
125A, 4 pole	1	▶ **HDA126Z**	9027
160A, 4 pole	1	▶ **HDA161Z**	9820

HHA125Z

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

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

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

MunafraBrothers

HDA161U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 3 pole	1	▸ **HDA040U**	7816
63A, 3 pole	1	▸ **HDA063U**	7816
80A, 3 pole	1	**HDA080U**	7816
100A, 3 pole	1	▸ **HDA100U**	7816
125A, 3 pole	1	▸ **HDA125U**	9297
160A, 3 pole	1	▸ **HDA160U**	10770
40A, 4 pole	1	▸ **HDA041U**	10231
63A, 4 pole	1	▸ **HDA064U**	10231
80A, 4 pole	1	▸ **HDA081U**	10231
100A, 4 pole	1	▸ **HDA101U**	10231
125A, 4 pole	1	▸ **HDA126U**	10848
160A, 4 pole	1	▸ **HDA161U**	12071

HHA161U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 3 pole	1	**HHA040U**	9820
63A, 3 pole	1	▸ **HHA063U**	9820
80A, 3 pole	1	**HHA080U**	9820
100A, 3 pole	1	▸ **HHA100U**	9820
125A, 3 pole	1	▸ **HHA125U**	11969
160A, 3 pole	1	▸ **HHA160U**	14732
40A, 4 pole	1	**HHA041U**	13271
63A, 4 pole	1	**HHA064U**	13271
80A, 4 pole	1	**HHA081U**	13271
100A, 4 pole	1	▸ **HHA101U**	13271
125A, 4 pole	1	▸ **HHA126U**	15613
160A, 4 pole	1	▸ **HHA161U**	19096

HNA126U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 3 pole	1	**HNA040U**	12147
63A, 3 pole	1	**HNA063U**	12147
80A, 3 pole	1	**HNA080U**	12147
100A, 3 pole	1	**HNA100U**	12147
125A, 3 pole	1	▸ **HNA125U**	14560
160A, 3 pole	1	▸ **HNA160U**	18214
40A, 4 pole	1	**HNA041U**	16136
63A, 4 pole	1	▸ **HNA064U**	16136
80A, 4 pole	1	▸ **HNA081U**	16136
100A, 4 pole	1	▸ **HNA101U**	16136
125A, 4 pole	1	▸ **HNA126U**	17501
160A, 4 pole	1	▸ **HNA161U**	20832

MunafraBrothers

HNB100U

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

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

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

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

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

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

HCB251Z

MCCBs trip free switches

Switch disconnectors capacity suitable AC22/23A

X250 frame MCCB

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

MundhraBrothers

HXA021H

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

HXA030H

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

HXC021H

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

HBA161H

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

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**	34896

MunnaBrothers

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

Mundra Brothers

OLR (OverLoad Relay)

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

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

Accessories for Power Contactor

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

MunnaBrothers

MPCB (Motor Protection Circuit Breaker)

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

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

Accessories for MPCB

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

MundraBrothers

HI451I

Manual changeover switches

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

Changeover switches

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

* includes bridging bars & external handle

HZC101I

HZC204I

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

 # - Prices available upon request

MCOS enclosures

VYE63M

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

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

MunotraBrothers

HIB412I

Automatic transfer switches

Characteristics:

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

Motorized changeover switches (In)

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

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

Automatic Transfer Relays

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

Terminal shrouds top and bottom (2 pieces / packaging)

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

Terminal covers

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

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

 # - Prices available upon request

MundraBrothers

EKS306B

SPN - Automatic changeover and current limiter

Characteristics:
- IEC 60947 - 3, IEC 60947 - 6
- SPN Modular
- Voltage: 150VAC to 300VAC
- 6000 Operations
- Blinking LED for overload and permanent
- LED for overload Trip
- Different LED colors for clear differentiation between functions

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

EKT406SG

TPN - Automatic Changeover and Current Limiter

Characteristics:
- IEC 60947 - 6
- TPN / TPN & TPN / SPN
- Voltage: 150VAC to 300VAC
- 10000 Operations
- Genset Start / Stop as standard

TPN / SPN

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

TPN / TPN

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

TPN / TPN
(without current limiting)

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

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

MunchraBrothers

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 aplication
- 10 kA as per IEC 60898
- ISI Marked

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

MunnaBrothers

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

MumbraBrothers

HLF199S

HLF499S

Miniature circuit breakers - type HLF---S

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

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

MZ215

Auxiliaries & accessories for MCBs, RCCBs & RCBOs

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

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

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CD240Y

RCCBs

Characteristics:
- Conforms to IEC 61008
- IS12640-1
- ISI Marked
- Protects a circuit automatically in the event of an earth leakage
- With earth fault indicator & positive contact indication

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

CD440Y

Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
Four Pole				
25A, 4 modules	1	30 mA	▸ **CD425Y**	5937
	1	100 mA	▸ **CE425Y**	6178
	1	300 mA	▸ **CF425Y**	6300
40A, 4 modules	1	30 mA	▸ **CD440Y**	5807
	1	100 mA	▸ **CE440Y**	6220
	1	300 mA	▸ **CF440Y**	6421
63A, 4 modules	1	30 mA	▸ **CD463Y**	6577
	1	100 mA	▸ **CE463Y**	7412
	1	300 mA	▸ **CF463Y**	7412
100A, 4 modules	1	30 mA	▸ **CDC484Y**	16304
	1	100 mA	**CEC484Y**	16304
	1	300 mA	**CFC484Y**	16562

CH240J

RCCBs - type Hi (high immunity)

Characteristics:
- Conforms to IEC 61008 & EMC standard EN 61543
- For electrical networks with high harmonics / pulsated DC currents and transients
- With earth fault indicator & positive contact indication

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

CH440J

Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
Four Pole				
25A, 4 modules	1	30 mA	**CH425J**	10131
	1	300 mA	**CQ425J**	9628
40A, 4 modules	1	30 mA	▸ **CH440J**	10459
	1	300 mA	**CQ440J**	10032
63A, 4 modules	1	30 mA	**CH463J**	10640
	1	300 mA	**CQ463J**	10346

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AD956Y

RCBOs - 2 pole 2 modules

Characteristics:
- Conforms to IEC 61009
- Breaking capacity 6kA
- Two pole compact device for overload, short-circuit and
- earth leakage protection, with earth fault indicator

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

ADH975

RCBOs - type Hi (high immunity)

Characteristics:
- Conforms to IEC 61009
- Breaking capacity 6kA
- For electrical networks with high harmonics / pulsated
- DC components with earth fault indicator

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

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ADC225Y

RCBO, RCD+MCB modules

Characteristics:
- Conforms to IEC 61009-1
- Breaking capacity 10kA
- CE / ISI Marked
- RoHS compliant
- Type AC
- Two pole and four pole device for overload, short-circuit and earth leakage protection, with earth fault indicator

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

ADC425Y

Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
Four Pole				
16A, 6 modules	1	30 mA	▶ **ADC416Y**	6940
	1	100 mA	▶ **AEC416Y**	7821
	1	300 mA	**AFC416Y**	8069
25A, 6 modules	1	30 mA	▶ **ADC425Y**	7420
	1	100 mA	▶ **AEC425Y**	8013
	1	300 mA	▶ **AFC425Y**	8321
32A, 7 modules	1	30 mA	▶ **ADC432Y**	7158
	1	100 mA	▶ **AEC432Y**	7810
	1	300 mA	▶ **AFC432Y**	8049
40A, 7 modules	1	30 mA	▶ **ADC440Y**	7265
	1	100 mA	▶ **AEC440Y**	7911
	1	300 mA	▶ **AFC440Y**	7939
63A, 7 modules	1	30 mA	▶ **ADC463Y**	8942
	1	100 mA	**AEC463Y**	9421
	1	300 mA	**AFC463Y**	9585

MundhraBrothers

BTC480E

BTH380E

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

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

MundhraBrothers

LS501

HRC fuse carriers

Characteristics:

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

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

LF302G

HRC cartridge fuses - gG type

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

MundhraBrothers

SPL465R

Surge protection devices

Characteristics:
- Conforms to IEC 61643 - 1
- IEC 61643 - 11
- Protects electronic equipments against transient voltage surges caused by lightning or switching of motors, transformers etc.

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

MundhraBrothers

SFT240N

2 way centre off changeover switches

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

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

SBN225N

Isolating switches

Characteristics:
- Conforms to IEC 60947-III
- AC22A devices used as switch disconnectors in electrcical circuit

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

SBN440N

MunnraBrothers

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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03

Page

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

MundhraBrothers

SVN126

Indicating lights (LED)

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

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

SVN312

Push buttons

Characteristics:
- Latching push buttons for actuating loads directly or via contactors

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

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

ESC463

Contactors

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

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

MunohraBrothers

EH771

Electromechanical time switches

Characteristics:
- Complies with EN 60 730
- Contact Rating: 16A AC1
- Programming using captive segments
- These devices are used to control lighting & ventilation circuits based upon real time

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

EG103E

Digital time switches

Characteristics:
- Contact Rating: 16A AC1
- USB Key Versions: EG103E, EG293B
- Digital time switches for daily, weekly and yearly cycle
- 56 pre-recorded adjustable programs

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

EE180

Astronomical time switches

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

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

*Timer referance available till stock lasts

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EE702

Twilight switches

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Programmable twilight + electromechanical time switch delivered with surface cell, 5 modules	1	**EE110**	19845
Outdoor IP54 twilight switch 2 to 1000 lux	1	**EE702**	8342
Spare IP54 surface cell for EE100 & 110	1	**EEN003**	7780

EE805A

Movement and presence detectors

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

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

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Detection Solutions

Coming Soon

EE820

Movement detectors-wall mounted

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

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

EE806

Accessories for movement & presence detectors

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

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

EVN004

Dimmers & dimming system

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

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

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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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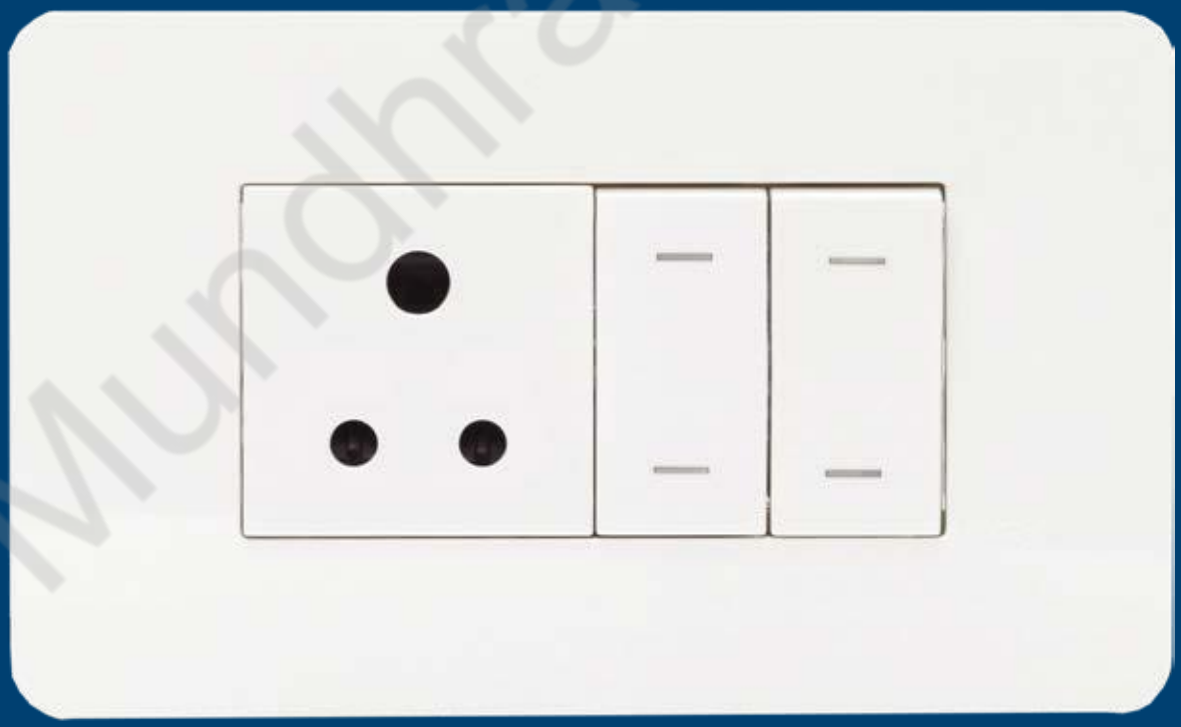

04

Page

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

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insysta™ 6AX switches

WSNSW11

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

insysta™ 10AX switches

WSNSW31

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

insysta™ 16AX switches

WSNSW61

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

insysta™ 20AX switches

WSNSL71

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

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

WSNSW81

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

insysta™ 25A motor starter switches

WSNMS12

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

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insysta™ Push button

WSNBP11

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

insysta™ Sockets

WSNSK42

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

insysta™ Regulators & dimmers

WSNFC22

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

insysta™ Data sockets

WSNDS11

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

insysta™ VDI module & accessories

WSNDT11

WSNDT31

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

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WSNDS51

insysta™ USB sockets

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

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

WSNHS22

WSNHS12

WSNHS62

insysta™ Hospitality range

Description	Module size	Cat. Ref.	Unit MRP (₹)
DND / MMR			
glossy white external DND/MMR with door bell switch & light indicator for DND/MMR	2	**WSNHS12**	1807
glossy white internal DND/MMR control & light indicator for DND/MMR	2	**WSNHS22**	1325
anthracite external DND/MMR with door bell switch & light indicator DND/MMR	2	**WSNHS12A**	2169
anthracite internal DND/MMR control & light indicator for DND/MMR	2	**WSNHS22A**	1589
Hotel card unit			
glossy white hotel key card	2	**WSNHS33**	4554
anthracite hotel key card	2	**WSNHS33A**	5534
Shaver socket			
glossy white shaver socket	4	**WSNHS44**	5421
anthracite shaver socket	4	**WSNHS44A**	6506
Skirting light			
glossy white skirting light with white LED	2	**WSNHS52**	940
anthracite skirting light with white LED	2	**WSNHS52A**	1158
Buzzer			
glossy white buzzer	2	**WSNHS62**	1204
anthracite buzzer	2	**WSNHS62A**	1445
Volume controller			
glossy white volume controller	2	**WSNHS72**	1557
anthracite volume controller	2	**WSNHS72A**	1732

WSNCG1

insysta™ Cover plates - Plastic

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

WSNCG1GW

insysta™ Cover plates - Real material

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

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WSNG3

insysta™ Grid plates - Real material

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

WSNMB3

insysta™ Wall boxes

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

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