

Energy distribution & lighting control.

Pricelist

01 / 07 / 2017

:hager

**The reliable
partner for
intelligent
solutions.**

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

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



Dear friends and partners,

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

This is one of those moments.

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

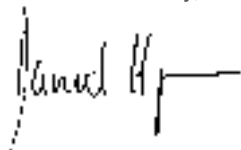
The latest studies indicate that many properties will first have to be adapted to accommodate the solar power systems, energy storage units and intelligent building controls that characterise smart homes. As of 2014, 15.3 million UK homes could benefit from improvements to aid in energy-efficient living and working. Large-scale renovation and modernisation are needed if renewable energy is to help achieve an 80 percent cut in the UK's carbon emissions by 2050.

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

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

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

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Daniel Hager', with a horizontal line extending to the right.

Daniel Hager
Hager Group CEO

Under one roof

Members of Hager Group

:hager

B.
Berker

ELCOM.

DAITEM


diagral

EFEN 

B. BOCCHIOTTI

One family

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



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

hagergroup

Your trust

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

Our strengths

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

E3

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

Environ

E for Environment

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



Ethics

E for Ethics

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

ment

Energy

E for Energy

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

Technology as a friend



Hager Design turns technical products into familiar friends.

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

Technology for people

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

An honest brand

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

Friendly, serene, balanced

An honest, authentic design that blends naturally into everyday life, without gadgets or cheap effects.



Erwin van Handenhoven
Hager Group Design Director

Ingeniously simple

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

Looking ahead to the future

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

01 Distribution boards

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



14

02 Protection and switching devices

h3 MCCBs-Moulded Case Circuit Breakers / Manual changeover switches /
Automatic transfer switches / ACCL / **h3** MCBs / RCCBs / RCBOs /
Accessories / Earth Leakage Relays / Photovoltaic range / HRC Fuses and
Fuse carriers / Surge protection devices / Isolating switches /
Changeover switches



28

03 Signaling and power interface

Indicator lights / Pushbuttons / Analogue voltmeters and ammeters /
Current transformers / Selector switches / Bells & buzzers / Contactors /
Latching relays / Digital energy meters



52

04 Energy and lighting control

Time switches / Twilight switches / Presence & movement detectors /
LED floodlight / Dimmers / Energy meters / Time lag switch / Energy meters



58

Distribution Boards

Hager distribution boards and enclosures are a perfect blend of style and functionality. They meet tough technical standards while matching modern aesthetics of today's new age buildings.



novello ⁺ SPN	16
novello ⁺ TPN	17
novello ⁺ TPN horizontal PPI	18
novello ⁺ TPN tier PPI	18
novello ⁺ vertical TPN modular incomer	19
novello ⁺ vertical TPN MCCB incomer	20
novello ⁺ TPN phase segregated	21
novello ⁺ TPN phase selector	21
novello ⁺ flexi	22
novello ⁺ one way enclosures	22
novello ⁺ plug & socket outlets - metal	22
novello ⁺ plug & socket outlets - plastic	22
Cable end box	23
Accessories for novello ⁺	23
novello ⁺ panelboard system	24
golf enclosures	26
vector enclosures	27
Busbars	27



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	1100
8 way, 8 modules	1	▶ VYS08C	1375
12 way, 12 modules	1	▶ VYS12C	1635
16 way, 16 modules	1	VYS16C	2010
18 way, 18 modules	1	VYS18C	2535



VYS12D

IP43 Double Door DBs

Description	Pack Qty.	Cat. Ref. plain door	Unit MRP (₹)	Cat. Ref. acrylic door	Unit MRP (₹)
4 way, 4 modules	1	▶ VYS04D	1475	VYS04G	1880
6 way, 6 modules	1	▶ VYS06D	1655	VYS06G	1985
8 way, 8 modules	1	▶ VYS08D	1830	VYS08G	2180
12 way, 12 modules	1	▶ VYS12D	2200	VYS12G	2650
16 way, 16 modules	1	▶ VYS16D	2760	VYS16G	3295
18 way, 18 modules	1	▶ VYS18D	3480	VYS18G	3945

IP54 Double Door DBs

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 4 modules	1	VYS04P	4945
6 way, 6 modules	1	VYS06P	5105
8 way, 8 modules	1	VYS08P	5820
12 way, 12 modules	1	VYS12P	6705

- Pre-wired and TV telephone DBs available on request.
- For price and technical information, please contact your nearest Hager sales office.



VYT06CH

TPN distribution boards

Characteristics:

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

Accessories:

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

IP30 Single Door DBs (Incomer + Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 4+12 modules	1	VYT04CD	2770
6 way, 4+18 modules	1	VYT06CD	3365
4 way, 8+12 modules	1	VYT04CH	3055
6 way, 8+18 modules	1	VYT06CH	3765
8 way, 8+24 modules	1	VYT08CH	4420
12 way, 8+36 modules	1	VYT12CH	6545

IP43 Double Door DBs (Incomer + Outgoing Modules)

Description	Pack Qty.	Cat. Ref. plain door	Unit MRP (₹)	Cat. Ref. acrylic door	Unit MRP (₹)
4 way, 4+12 modules	1	▶ VYT04DD	3500	-	-
6 way, 4+18 modules	1	▶ VYT06DD	4205	-	-
4 way, 8+12 modules	1	▶ VYT04DH	3645	VYT04GH	4705
6 way, 8+18 modules	1	▶ VYT06DH	4490	VYT06GH	5825
8 way, 8+24 modules	1	▶ VYT08DH	5375	VYT08GH	6980
12 way, 8+36 modules	1	▶ VYT12DH	8065	VYT12GH	10700
16 way, 8+48 modules	1	VYT16DH	9935	VYT16GH	12830



VYT06DH

IP54 Double Door DBs (Incomer + Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 8+12 modules	1	VYT04PH	11825
6 way, 8+18 modules	1	VYT06PH	14245
8 way, 8+24 modules	1	VYT08PH	15570
12 way, 8+36 modules	1	VYT12PH	21910

- Pre-wired and TV telephone DBs available on request.
- For price and technical information, please contact your nearest Hager sales office.



VYH04DH

TPN horizontal PPI distribution boards

Characteristics:

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

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

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

Description	Pack Qty.	Cat. Ref. plain door	Unit MRP (₹)	Cat. Ref. acrylic door	Unit MRP (₹)
4+2 way, 8+6+12 modules	1	▶ VYH04DH	6825	VYH04GH	8115
6+2 way, 8+6+18 modules	1	▶ VYH06DH	8115	VYH06GH	9665
8+2 way, 8+6+24 modules	1	▶ VYH08DH	10895	VYH08GH	13365
12+2 way, 8+6+36 modules	1	▶ VYH12DH	13080	VYH12GH	15815



VYP10DH

TPN tier PPI distribution board

Characteristics:

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

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

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

Description	Pack Qty.	Cat. Ref. plain door	Unit MRP (₹)
6+2 way, 8+6+18 modules	1	▶ VYP06DH	7525
8+2 way, 8+6+24 modules	1	▶ VYP08DH	8875
10+2 way, 8+6+30 modules	1	▶ VYP10DH	9205
12+2 way, 8+6+36 modules	1	▶ VYP12DH	9975
16+2 way, 8+6+48 modules	1	VYP16DH	10535
12+2 way, MCCB*+ 6 + 36 modules	1	VYP12DM	10090

- *Provision to mount frame X160 h3 MCCB

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

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



VYP04DL

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	▶ VYP04DL-P	8975
6 way, 12+18 modules	1	▶ VYP06DL-P	10710
8 way, 12+24 modules	1	▶ VYP08DL-P	11410
12 way, 12+36 modules	1	▶ VYP12DL-P	15290
16 way, 12+48 modules	1	VYP16DL-P	20660

Metering Box

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Ext Box for VTPN DD DB	1	VYP00M	4820

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



VYV06DM

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	10750
6 way, MCCB+18 modules	1	▶ VYV06DM-P	12425
8 way, MCCB+24 modules	1	▶ VYV08DM-P	13535
12 way, MCCB+36 modules	1	▶ VYV12DM-P	18025
16 way, MCCB+48 modules	1	VYV16DM-P	21300



VYV06DM2

vertical TPN distribution boards (x250 h3 MCCB incomer)

Characteristics:

- Double Door: IP43
- As per IS 8623 - III
- Impact resistance IK09
- X250 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	19910
6 way, MCCB+18 modules	1	VYV06DM2-P	21705
8 way, MCCB+24 modules	1	VYV08DM2-P	23225
12 way, MCCB+36 modules	1	VYV12DM2-P	24545
16 way, MCCB+48 modules	1	VYV16DM2-P	27635

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



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

IP30 Single Door DBs

(Incomer+ Sub Incomer + Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 12+12+12 modules	1	VYG04CL	8610
6 way, 12+12+18 modules	1	VYG06CL	9395
8 way, 12+12+24 modules	1	VYG08CL	10085
12 way, 12+12+36 modules	1	VYG12CL	11590

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	9430	VYG04DM	13580
6 way, 12+12+18 modules	1	▶ VYG06DL	10630	VYG06DM	15515
8 way, 12+12+24 modules	1	▶ VYG08DL	11860	VYG08DM	17745
12 way, 12+12+36 modules	1	▶ VYG12DL	15110	VYG12DM	20235

- *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

IP30 Single Door DBs

(Incomer+ Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 8+12 modules	1	VYC04CH	11870
6 way, 8+18 modules	1	VYC06CH	12625
8 way, 8+24 modules	1	VYC08CH	13995
12 way, 8+36 modules	1	VYC12CH	15315

IP43 Double Door DBs

(Incomer+ Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way with single Front plate, 6+12 modules	1	VYC04DF	12575
4 way, 8+12 modules	1	▶ VYC04DH	12830
6 way, 8+18 modules	1	▶ VYC06DH	13025
8 way, 8+24 modules	1	▶ VYC08DH	13975
12 way, 8+36 modules	1	VYC12DH	15720



VYF414D

flexi distribution boards

Characteristics:

- Double Door: IP43 & IP54
- Plain & Acrylic doors
- As per IS 8623 - III
- Impact resistance IK09
- Flexibility to mount incoming & 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 (₹)	Cat. Ref. acrylic door	Unit MRP (₹)
2 row, 28 modules	1	▶ VYF214D	4665	VYF214G	4815
3 row, 42 modules	1	▶ VYF314D	5475	VYF314G	5905
4 row, 56 modules	1	▶ VYF414D	5995	VYF414G	6695
4 row, 64 modules	1	▶ VYF416D	7070	VYF416G	7390

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



VYM04C

one way enclosures

Characteristics:

- IP30 degree of protection

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
2 way, 2 modules	1	▶ VYM02C	575
4 way, 4 modules	1	▶ VYM04C	575
6 way, 6 modules	1	▶ VYM06C	970
8 way, 8 modules	1	▶ VYM08C	970
metal enclosure hinged door, 3 pole, x160 frame MCCB	1	▶ VYM160HM	1905
metal enclosure hinged door, 4 pole, x160 frame MCCB	1	▶ VYM161HM	1905
metal enclosure hinged door, 3 pole, x250 frame MCCB	1	▶ VYM250HM	5235
metal enclosure hinged door, 4 pole, x250 frame MCCB	1	▶ VYM251HM	5235



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	1205
20A 2 Pin + SC*, 1 modules	1	▶ VYA120C	1295
20A 2 Pin + SC*, 2 modules	1	▶ VYA220C	1410
20A 3 Pin + SC*, 4 modules	1	▶ VYA420C	2385
32A 3 Pin + SC*, 4 modules	1	▶ VYA432C	2840
63A 5 Pin + SC*, 8 modules	1	▶ VYA863C	10515

* SC - Scraping Earth

plug & socket outlets - plastic

Characteristics:

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

Accessories:

- - Plastic plug & socket



VYB432C

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
16A 3 Pin, 4 modules	1	▶ VYB416C	2105
32A 3 Pin, 4 modules	1	▶ VYB432C	2275
32A 5 Pin, 8 modules	1	▶ VYB832C	4140
63A 5 Pin, 8 modules	1	▶ VYB863C	10420



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	150	10A 2P+E Metal Socket	VZ140I	155
20A 2P+E Metal Plug	10	▶ VZ131I	160	20A 2P+E Metal Socket	▶ VZ141I	175
20A 3P+E Metal Plug	10	▶ VZ132I	215	20A 3P+E Metal Socket	▶ VZ142I	235
32A 3P+E Metal Plug	5	▶ VZ133I	390	32A 3P+E Metal Socket	▶ VZ143I	390
63A 5P Metal Plug	1	VZ134I	1820	63A 5P Metal Socket	VZ144I	1925

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	650
CEB for 6 way SPN DD DB	1	VYS06E	670
CEB for 8 way SPN DD DB	1	VYS08E	745
CEB for 12 way SPN DD DB	1	▶ VYS12E	840
CEB for 16 way SPN DD DB	1	VYS16E	1185
CEB for 18 way SPN DD DB	1	VYS18E	1235

CEB for TPN DB

CEB for 4 way TPN DD DB	1	▶ VYT04E	1080
CEB for 6 way TPN DD DB	1	▶ VYT06E	1185
CEB for 8 way TPN DD DB	1	▶ VYT08E	2080
CEB for 12 way TPN DD DB	1	VYT12E	2775
CEB for 16 way TPN DD DB	1	VYT16E	2775

CEB for TPN Horizontal PPI DB

CEB for 2 + 4 way Horizontal PPI DD DB	1	VYH04E	1180
CEB for 2 + 6 way Horizontal PPI DD DB	1	VYH06E	1850
CEB for 2 + 8 way Horizontal PPI DD DB	1	VYH08E	2090
CEB for 2 + 12 way Horizontal PPI DD DB	1	VYH12E	2455

CEB for TPN Tier PPI DB

CEB for 2 + 6 way Tier PPI DD DB	1	VYP06E	930
CEB for 2 + 8 way Tier PPI DD DB	1	VYP08E	950
CEB for 2 + 10 way Tier PPI DD DB	1	VYP10E	1175
CEB for 2 + 12 way Tier PPI DD DB	1	VYP12E	1725
CEB for 2 + 12 way Tier PPI DD DB (MCCB)	1	VYP12EM	1940

CEB for vertical TPN DB

CEB for Vertical TPN DD DB	1	VYV00E	2930
----------------------------	---	---------------	------

CEB for Flexi DB

CEB for 14Mod flexy DB	1	VYF14E	920
CEB for 16Mod flexy DB	1	VYF16E	1120



VYH08E

Accessories for novello⁺ DBs

Characteristics:

- Keylock can be added at site without changing of distribution boards



VZ100i

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Keylock + 2 keys	10	VZ100i	915
Door handle for novello ⁺	10	VZ101i	400
Neutral link 5 connection	10	VZ110i	100
Neutral link 9 connection	10	VZ111i	140
Neutral link 15 connection	10	VZ112i	185
Neutral link 19 connection	10	VZ113i	220
4 way 8 Segment cover plate - 4 Mod	5	VZ120i	220
8 way 8 Segment cover plate - 4 Mod	5	VZ121i	265
6 way 8 Segment cover plate - 4 Mod	5	VZ122i	310
12 way 8 Segment cover plate - 4 Mod	5	VZ123i	350



JN2B0008S16

250A / 400A / 630A / 800A panel board system upto 800A incoming, 125A / 250A outgoing

Characteristics:

- BS EN 60439 -1 IEC 60439-1
- Suitable for MCCBs & isolating switches incomers.
- Suitable for 3P MCCB incomer & 3P MCCB outgoing
- ASTA certified insulated tinned copper busbar assembly:
- 250A - Rated short circuit withstand capacity for busbar 25kA at 415V for 0.3 sec.
- 400A - Rated short circuit withstand capacity for busbar 35kA at 415V for 1 sec.
- 630A / 800A - Rated short circuit withstand capacity for busbar 40kA at 415V for 0.3 sec.
- Sheet steel with epoxy powder coating RAL 9002
- IP41
- Accessories like key lock, Metering box, Cable End Box.

250A panel board system

Description	Pack Qty.	No. of ways 125A	Cat. Ref.	Unit MRP (₹)
3P, 250A (x250/ h250) MCCB incoming * and 3P, 125A (x160 frame size) MCCB outgoing	1	4 way	JN2B00004S16	34695
		6 way	JN2B00006S16	41040
		8 way	JN2B00008S16	43795
		10 way	JN2B00010S16	50445
		12 way	JN2B00012S16	55195
		16 way	JN2B00016S16	64315



JN4B0008S16

400A panel board system

Description	Pack Qty.	No. of ways 125A	Cat. Ref.	Unit MRP (₹)
up to 3P, 400A (h400 frame) MCCB incoming # up to 3P, 125A (x160 frame size) MCCB outgoing	1	4 way	JN4B00004S16	41270
		6 way	JN4B00006S16	47470
		8 way	JN4B00008S16	50305
		10 way	JN4B00010S16	56905
		12 way	JN4B00012S16	61845
		16 way	JN4B00016S16	70775

630A/ 800A panel board system

Description	Pack Qty.	No. of ways 125A	No. of ways 250A	Cat. Ref.	Unit MRP (₹)
up to 3P, 630A(h630 frame) / 800A MCCB (h1000 frame) incoming ^ up to 3P, 125A (x160) MCCB outgoing	1	/	4 way	JN8B00004S16	66975
		/	6 way	JN8B00006S16	70635
		/	8 way	JN8B00008S16	73340
		/	10 way	JN8B00010S16	86925
		/	12 way	JN8B00012S16	96805
		/	16 way	JN8B00016S16	109155



JN8B0008S16

630A/ 800A panel board system

Description	Pack Qty.	No. of ways 125A	No. of ways 250A	Cat. Ref.	Unit MRP (₹)
up to 3P, 630A (h630 frame) / 800A MCCB (h1000 frame) incoming ^ up to 3P, 250A (x250 frame size) MCCB outgoing and up to 3P, 125A (x160 frame size) MCCB outgoing	1	2 way	2 way	JN8B000202S16	70490
		4 way	2 way	JN8B000204S16	74195
		6 way	2 way	JN8B000206S16	78375
		8 way	2 way	JN8B000208S16	91675
		10 way	2 way	JN8B000210S16	102125
		14 way	2 way	JN8B000214S16	115045

- **Note:** Link kits are not supplied with standard enclosures, the same to be ordered separately

*Incomer suitable for 3P h250 frame thermal magnetic MCCB

#Incomer suitable for 3P h400 frame thermal magnetic MCCB

^Incomer suitable for 3P h630 / h1000 frame thermal magnetic MCCB

250A / 400A / 630A / 800A panel board system accessories

Incomer kits (Includes mounting plates for MCCB)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
250A 3P MCCB incomer kit	1	JN2L2503MH6	855
400A 3P MCCB incomer kit	1	JN4L4003MH6	3090
630A 3P MCCB incomer kit	1	JN8L6303MH6	4655
800A 3P MCCB incomer kit	1	JN8L8003MH6	on request

Key lock for distribution boards

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Key lock for distribution boards	1	JK1XKLS6	500

250A Incoming, 125A Outgoing

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Cable End Box	1	VYD00E2	2715

400A Incoming, 125A Outgoing

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Cable End Box	1	VYD00E4	3420

630A / 800A Incoming, 125A / 250A Outgoing

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Cable End Box	1	VYD00E6	3890

250A Metering box

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Hinged door Metering Box*	1	VYD00M2	4710

400A Metering box

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Hinged door Metering Box*	1	VYD00M4	5560

630A / 800A Metering box

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Hinged door Metering Box*	1	VYD00M6	6330

* Metering box are excluding accessories



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	1165
1 row 8 modules (8 way SPN DB)	1	VF108PJ	▶ VF108TJ	1540
1 row 12 modules (12 way SPN DB)	1	VF112PJ	▶ VF112TJ	1950
1 row 18 modules (18 way SPN DB)	1	VF118PJ	▶ VF118TJ	2600
2 row 24 modules (6 way TPN DB)	1	VF212PJ	▶ VF212TJ	2990
2 row 36modules (8 way TPN DB)	1	VF218PJ	▶ VF218TJ	4060
3 row 36 modules (8 way TPN DB)	1	VF312PJ	▶ VF312TJ	3905
4 row 48 modules (12 way TPN DB)	1	VF412PJ	▶ VF412TJ	4780

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	1165
1 row 8 modules (8 way SPN DB)	1	VS108PJ	VS108TJ	1540
1 row 12 modules (12 way SPN DB)	1	VS112PJ	VS112TJ	1950
1 row 18 modules (18 way SPN DB)	1	VS118PJ	VS118TJ	2600
2 row 24 modules (6 way TPN DB)	1	VS212PJ	VS212TJ	2990
2 row 36modules (8 way TPN DB)	1	VS218PJ	VS218TJ	4060
3 row 36 modules (8 way TPN DB)	1	VS312PJ	VS312TJ	3905
4 row 48 modules (12 way TPN DB)	1	VS412PJ	VS412TJ	4780
Key lock	1	VZ794N	VZ794N	505



VS412PJ



VE212L

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	1875
1 row 6 modules	1	▶ VE106L	2335
1 row 10 modules	1	▶ VE110L	3255
1 row 12 modules	1	▶ VE112L	3860
1 row 18 modules	1	▶ VE118L	4595
2 row 24 modules	1	▶ VE212L	5240
2 row 36 modules	1	VE218L	7745
3 row 36 modules	1	VE312L	7085
4 row 48 modules	1	VE412L	10050
3 row 54 modules	1	VE318L	11465
vector IP65 Key lock	1	VZ311	490

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	270
1 pole 1 mod step, 56 mod	50	▶ KD163B	1025
2 pole 2 mod step, 12 mod	50	KDN263A	460
2 pole 2 mod step, 56 mod	20	▶ KD263B	1950
3 pole 3 mod step, 12 mod	50	KDN363A	490
3 pole 3 mod step, 57 mod	20	▶ KD363B	2270
4 pole 4 mod step, 12 mod	25	KDN463A	1015
4 pole 4 mod step, 56 mod	10	▶ KD463B	4045

Prong busbars (for MCBs ML---J)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1 pole 1 step 13 mod - Brown (phase)	1	KB163P	275
1 pole 1 step 13 mod - Blue (neutral)	1	KB163N	275

End caps for busbars

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
for 1 pole fork busbar	50	KZN021	10
for 2 & 3 pole fork busbar	10	KZN023	20
for 4 pole fork busbar	10	KZN024	35









KM14N

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
63A din rail mounting neutral link	25	▶ KM14N	260
Terminal connector - 35 sq mm	4	KF83D	145
Modular terminal block 100A SP 1 mod	12	KR50U	375
Half mod blanking plate	50	P031F	20
One mod blanking plate	50	▶ P032F	20

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.



 MCCBs thermal magnetic release	30
 MCCBs microprocessor release	33
 MCCBs trip free switches	34
 MCCBs accessories	35
Manual changeover switches	37
MCOS enclosures	37
Automatic transfer switch	38
Automatic changeover with current limiter - SPN	39
Automatic changeover with current limiter - TPN	39
 MCBs type NBN, NCN 0.5 to 63 A	40
 MCBs type NDN 0.5 to 63 A	41
Project MCBs type NC---N 0.5 to 63 A	42
MCBs type HLF 80 to 125 A	43
MCBs type ML, 6A to 40 A, SPN	43
Auxilliaries & accessories	43
RCCBs	44
RCCB - type Hi (high immunity)	44
RCBOs / RCBOs type Hi	45
RCBO, RCD+MCB modules	46
RCD add-on blocks (125A)	47
Earth leakage relays	47
Photovoltaic solution	48
HRC fuse carriers	49
HRC cartridge fuses gG type	49
Surge protection devices	50
Modular changeover switches	51
Isolating switches	51



HDA125Z

MCCBs thermal magnetic release

Characteristics:

- Complies with IEC 60947-2
- 6 Frame sizes
- 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 (₹)
16A, 3 pole	1	HDA016Z	4325
20A, 3 pole	1	HDA020Z	4325
25A, 3 pole	1	HDA025Z	4325
32A, 3 pole	1	HDA032Z	4325
40A, 3 pole	1	HDA040Z	4325
50A, 3 pole	1	HDA050Z	4325
63A, 3 pole	1	▶ HDA063Z	4325
80A, 3 pole	1	HDA080Z	4325
100A, 3 pole	1	▶ HDA100Z	4325
125A, 3 pole	1	▶ HDA125Z	5355
160A, 3 pole	1	▶ HDA160Z	5785
16A, 4 pole	1	HDA017Z	4975
20A, 4 pole	1	HDA021Z	4975
25A, 4 pole	1	HDA026Z	4975
32A, 4 pole	1	HDA033Z	4975
40A, 4 pole	1	HDA041Z	4975
50A, 4 pole	1	HDA051Z	4975
63A, 4 pole	1	▶ HDA064Z	4975
80A, 4 pole	1	HDA081Z	4975
100A, 4 pole	1	▶ HDA101Z	4975
125A, 4 pole	1	▶ HDA126Z	5625
160A, 4 pole	1	▶ HDA161Z	6115



HHA125Z

X160 frame MCCB fixed overload, fixed short circuit

breaking capacity
Icu : 25kA

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
16A, 3 pole	1	HHA016Z	5365
20A, 3 pole	1	HHA020Z	5365
25A, 3 pole	1	HHA025Z	5365
32A, 3 pole	1	HHA032Z	5365
40A, 3 pole	1	HHA040Z	5365
50A, 3 pole	1	HHA050Z	5365
63A, 3 pole	1	▶ HHA063Z	5365
80A, 3 pole	1	HHA080Z	5365
100A, 3 pole	1	▶ HHA100Z	5365
125A, 3 pole	1	▶ HHA125Z	7240
160A, 3 pole	1	▶ HHA160Z	9025
16A, 4 pole	1	HHA017Z	7320
20A, 4 pole	1	HHA021Z	7320
25A, 4 pole	1	HHA026Z	7320
32A, 4 pole	1	HHA033Z	7320
40A, 4 pole	1	HHA041Z	7320
50A, 4 pole	1	HHA051Z	7320
63A, 4 pole	1	▶ HHA064Z	7320
80A, 4 pole	1	HHA081Z	7320
100A, 4 pole	1	▶ HHA101Z	7320
125A, 4 pole	1	▶ HHA126Z	9360
160A, 4 pole	1	▶ HHA161Z	11350



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 (₹)
25A, 3 pole	1	HDA025U	4870
40A, 3 pole	1	HDA040U	4870
63A, 3 pole	1	▶ HDA063U	4870
80A, 3 pole	1	HDA080U	4870
100A, 3 pole	1	▶ HDA100U	4870
125A, 3 pole	1	▶ HDA125U	5795
160A, 3 pole	1	▶ HDA160U	6710

25A, 4 pole	1	HDA026U	5615
40A, 4 pole	1	HDA041U	5615
63A, 4 pole	1	▶ HDA064U	5615
80A, 4 pole	1	HDA081U	5615
100A, 4 pole	1	▶ HDA101U	5615
125A, 4 pole	1	▶ HDA126U	6760
160A, 4 pole	1	▶ HDA161U	7525



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 (₹)
25A, 3 pole	1	HHA025U	6115
40A, 3 pole	1	HHA040U	6115
63A, 3 pole	1	▶ HHA063U	6115
80A, 3 pole	1	HHA080U	6115
100A, 3 pole	1	▶ HHA100U	6115
125A, 3 pole	1	▶ HHA125U	7460
160A, 3 pole	1	▶ HHA160U	9185

25A, 4 pole	1	HHA026U	8270
40A, 4 pole	1	HHA041U	8270
63A, 4 pole	1	▶ HHA064U	8270
80A, 4 pole	1	HHA081U	8270
100A, 4 pole	1	▶ HHA101U	8270
125A, 4 pole	1	▶ HHA126U	9735
160A, 4 pole	1	▶ HHA161U	11900



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 (₹)
25A, 3 pole	1	HNA025U	7570
40A, 3 pole	1	HNA040U	7570
63A, 3 pole	1	HNA063U	7570
80A, 3 pole	1	HNA080U	7570
100A, 3 pole	1	▶ HNA100U	7570
125A, 3 pole	1	▶ HNA125U	9075
160A, 3 pole	1	▶ HNA160U	11350

25A, 4 pole	1	HNA026U	10060
40A, 4 pole	1	HNA041U	10060
63A, 4 pole	1	HNA064U	10060
80A, 4 pole	1	HNA081U	10060
100A, 4 pole	1	▶ HNA101U	10060
125A, 4 pole	1	▶ HNA126U	10910
160A, 4 pole	1	▶ HNA161U	12980



HNB100U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
200A, 3 pole	1	▶ HHB200Z	11085
250A, 3 pole	1	▶ HHB250Z	13840
200A, 4 pole	1	▶ HHB201Z	11525
250A, 4 pole	1	▶ HHB251Z	15045

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	8440
125A, 3 pole	1	HNB125U	9410
160A, 3 pole	1	HNB160U	12440
200A, 3 pole	1	▶ HNB200U	13205
250A, 3 pole	1	▶ HNB250U	17795
100A, 4 pole	1	HNB101U	10815
125A, 4 pole	1	HNB126U	11355
160A, 4 pole	1	HNB161U	14320
200A, 4 pole	1	▶ HNB201U	19140
250A, 4 pole	1	▶ HNB251U	21410



HHG250U

h250 frame MCCB
Over load adjustable 0.63 to 1 x In
short circuit adjustable 6-8-10-13 x In

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
63A, 25kA, 3 pole	1	HHG063U	8000
100A, 25kA, 3 pole	1	HHG100U	8000
125A, 25kA, 3 pole	1	HHG125U	10070
160A, 25kA, 3 pole	1	HHG160U	13035
200A, 25kA, 3 pole	1	HHG200U	15400
250A, 25kA, 3 pole	1	HHG250U	18355
63A, 50kA, 3 pole	1	HNG063U	9590
100A, 50kA, 3 pole	1	HNG100U	9590
125A, 50kA, 3 pole	1	HNG125U	11255
160A, 50kA, 3 pole	1	HNG160U	15400
200A, 50kA, 3 pole	1	HNG200U	21215
250A, 50kA, 3 pole	1	HNG250U	21560
200A, 65kA, 3 pole	1	HEG200U	24880
250A, 65kA, 3 pole	1	HEG250U	26065

H400 / H630 frame MCCB
Over load adjustable
short circuit adjustable

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
250A, 50kA, 4 pole	1	HND251U	25465
400A, 25kA, 3 pole	1	HHD400U	28905
400A, 50kA, 3 pole	1	HND400U	31395
400A, 50kA, 4 pole	1	▶ HND401U	35550
400A, 70kA, 3 pole	1	▶ HED400H	39085
630A, 50kA, 3 pole	1	HND630H	36720
630A, 70kA, 3 pole	1	▶ HED630H	45010



HEC126H

MCCBs microprocessor release

H250 frame MCCB
overload adjustable $I_r = 0.4$ to $1 \times I_n$
short circuit adjustable 2.5 to $10 \times I_r$

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 50kA, 3 pole	1	HNC040H	19320
125A, 50kA, 3 pole	1	HNC125H	24900
250A, 50kA, 3 pole	1	HNC250H	29035
40A, 50kA, 4 pole	1	HNC041H	24880
125A, 50kA, 4 pole	1	HNC126H	30195
250A, 50kA, 4 pole	1	HNC251H	39360
40A, 70kA, 3 pole	1	HEC040H	22860
125A, 70kA, 3 pole	1	HEC125H	27135
250A, 70kA, 3 pole	1	HEC250H	33170
40A, 70kA, 4 pole	1	HEC041H	30195
125A, 70kA, 4 pole	1	HEC126H	31995
250A, 70kA, 4 pole	1	HEC251H	41465



HEE970H

H630 frame MCCB
overload adjustable = 0.4 to $1 \times I_n$
short circuit adjustable 2.5 to $10 \times I_r$ (250-400A)
2.5 to $8 \times I_r$ (630A)
time delay 0.1 - 0.2 sec.

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
400A, 50kA, 3 pole	1	HND400H	34960
400A, 50kA, 4 pole	1	HND401H	40870
630A, 50kA, 4 pole	1	► HND631H	43835
400A, 70kA, 4 pole	1	HED401H	47385
630A, 70kA, 4 pole	1	HED631H	52125

H1000 frame MCCB
overload adjustable = 0.4 to $1 \times I_n$
short circuit adjustable 2.5 to $10 \times I_r$ (630-800A)
2.5 to $8 \times I_r$ (1000A)
time delay 0.1 - 0.2 sec.

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
630A, 50kA, 3 pole	1	HNE630H	39680
800A, 50kA, 3 pole	1	HNE800H	59185
1000A, 50kA, 3 pole	1	HNE970H	69905
800A, 50kA, 4 pole	1	HNE801H	73480
1000A, 50kA, 4 pole	1	HNE971H	92910
800A, 70kA, 3 pole	1	HEE800H	77000
1000A, 70kA, 3 pole	1	HEE970H	97155
800A, 70kA, 4 pole	1	HEE801H	97155
1000A, 70kA, 4 pole	1	HEE971H	130660



HNF990H

H1600 frame MCCB
overload adjustable $I_r = 0.4$ to $1 \times I_n$
short circuit adjustable 2.5 to $10 \times I_r$
time delay 0.1 - 0.2 sec.

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1250A, 50kA, 3 pole	1	HNF980H	97155
1600A, 50kA, 3 pole	1	HNF990H	132900
1250A, 50kA, 4 pole	1	HNF981H	123960
1600A, 50kA, 4 pole	1	HNF991H	142390
1250A, 70kA, 3 pole	1	HEF980H	124295
1600A, 70kA, 3 pole	1	HEF990H	145735
1250A, 70kA, 4 pole	1	HEF981H	152990
1600A, 70kA, 4 pole	1	HEF991H	177560



HCA125Z

MCCBs trip free switches

Switch disconnectors capacity suitable AC22/23A

X160 frame MCCB

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
125A, 3 pole	1	HCA125Z	8060
160A, 3 pole	1	HCA160Z	8475
125A, 4 pole	1	HCA126Z	9620
160A, 4 pole	1	HCA161Z	10350

X250 frame MCCB

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
250A, 3 pole	1	HCB250Z	9880
250A, 4 pole	1	HCB251Z	11545

H630 frame MCCB

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
400A, 3 pole	1	HCD400H	17580
630A, 3 pole	1	HCD630H	18620
400A, 4 pole	1	HCD401H	22880
630A, 4 pole	1	HCD631H	24440

H1000 frame MCCB

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
800A, 3 pole	1	HCE800H	41080
1000A, 3 pole	1	HCE970H	43160
800A, 4 pole	1	HCE801H	48360
1000A, 4 pole	1	HCE971H	53560



HCB250Z

H1600 frame MCCB

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1250A, 3 pole	1	HCF980H	58975
1600A, 3 pole	1	HCF990H	61620
1250A, 4 pole	1	HCF981H	69905
1600A, 4 pole	1	HCF991H	73005



HXA021H



HXA030H



HXA031H



HYD015H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
X160 Frame MCCB			
Auxiliary Contact	1	▶ HXA021H	940
Alarm Contact	1	▶ HXA024H	940
Shunt 24V DC	1	HXA001H	1935
Shunt 230V AC	1	HXA004H	1935
UnderVoltage - 24V DC	1	HXA011H	2340
UnderVoltage - 240V AC	1	▶ HXA014H	2340
UnderVoltage - 415V AC	1	HXA015H	2340
Direct Rotary Handle	1	▶ HXA030H	1175
Extended Rotary Handle	1	▶ HXA031H	1645
Handle locking device	1	HXA039H	905
Spreaders - 3P	1	▶ HYA014H	450
Speaders - 4P	1	▶ HYA015H	605
Phase barriers - 3P / 4P	1	HYB019H	175
DIN Rail Adaptor	1	HYA033H	330
X250 Frame MCCB			
Auxiliary Contact	1	▶ HXA021H	940
Alarm Contact	1	▶ HXA024H	940
Shunt 24V DC	1	HXA001H	1935
Shunt 230V AC	1	HXA004H	1935
UnderVoltage - 24V DC	1	HXA011H	2340
UnderVoltage - 240V AC	1	▶ HXA014H	2340
UnderVoltage - 415V AC	1	HXA015H	2340
Direct Rotary Handle	1	▶ HXB030H	1230
Extended Rotary Handle	1	▶ HXB031H	1830
Motor Operator 240VAC	1	HXB042H	18935
Spreaders - 3P	1	▶ HYB011H	515
Speaders - 4P	1	▶ HYB012H	700
Phase barriers - 3P / 4P	1	HYB019H	175
Mechanical Interlock	1	HXB065H	10635
H250 Frame MCCB			
Auxiliary Contact	1	HXC021H	995
Alarm Contact	1	HXC024H	995
Shunt 24V DC	1	HXC001H	2055
Shunt 230V AC	1	HXC004H	2055
UnderVoltage - 24V DC	1	HXC011H	2340
UnderVoltage - 240V AC	1	HXC014H	2340
UnderVoltage - 415V AC	1	HXC015H	2340
Direct Rotary Handle	1	HXC030H	1705
Extended Rotary Handle	1	HXC031H	1815
Handle locking device	1	HXC039H	1065
Motor Operator 240VAC	1	HXC042H	19675
Spreaders - 3P	1	▶ HXC011H	565
Speaders - 4P	1	▶ HYB012H	700
Mechanical Interlock	1	HXC065H	10635
H400/630 Frame MCCB			
Auxiliary Contact	1	HXC021H	995
Alarm Contact	1	HXC024H	995
Shunt 24V DC	1	HXC001H	2055
Shunt 230V AC	1	HXC004H	2055
UnderVoltage - 24V DC	1	HXC011H	2340
UnderVoltage - 240V AC	1	HXC014H	2340
UnderVoltage - 415V AC	1	HXC015H	2340
Direct Rotary Handle	1	HXD030H	1995
Extended Rotary Handle	1	▶ HXD031H	2460
Handle locking device	1	HXD039H	1380
Motor Operator 240VAC	1	HXD042H	23890
Spreaders - 3P (Upto 400A)	1	▶ HYD011H	1155
Speaders - 4P (Upto 400A)	1	▶ HYD012H	1380
Spreaders - 3P (Upto 630A)	1	▶ HYD014H	1175
Speaders - 4P (Upto 630A)	1	▶ HYD015H	1410
Mechanical Interlock	1	HXD065H	37760



HXC021H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
H1000 Frame MCCB			
Auxiliary Contact	1	HXC021H	995
Alarm Contact	1	HXC024H	995
Shunt 24V DC	1	HXC001H	2055
Shunt 230V AC	1	HXC004H	2055
UnderVoltage - 24V DC	1	HXE011H	2460
UnderVoltage - 240V AC	1	HXE014H	2460
UnderVoltage - 415V AC	1	HXE015H	2460
Direct Rotary Handle	1	HXE030H	2935
Extended Rotary Handle	1	HXE031H	4225
Motor Operator 240VAC	1	HXE042H	37230
Mechanical Interlock	1	HXE065H	87755



HXE014H

H1600 Frame MCCB			
Auxiliary Contact	1	HXC021H	995
Alarm Contact	1	HXC024H	995
Shunt 24V DC	1	HXF001H	2055
Shunt 230V AC	1	HXF004H	2055
UnderVoltage - 24V DC	1	HXE011H	2460
UnderVoltage - 240V AC	1	HXE014H	2460
UnderVoltage - 415V AC	1	HXE015H	2460
Direct Rotary Handle	1	HXF030H	2935
Extended Rotary Handle	1	HXF031H	4925
Handle locking device	1	HXF039H	1595
Motor Operator 240V AC	1	HXF042H	47865



HBA161H

X160 Frame MCCB			
"Idn=300mA fixed sensitivity instantaneous tripping", 125A, 3 Pole	1	HBA127H	13295
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 3 Pole	1	HBA125H	15420
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 3 Pole	1	HBA160H	16485
"Idn=300 mA fixed sensitivity instantaneous tripping", 125A, 4 Pole	1	HBA128H	13830
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 4 Pole	1	HBA126H	15955
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 4 Pole	1	HBA161H	17020

X250 Frame MCCB			
Adjustable sensitivity till 6A, Adjustable tripping 1s, 250A, 4 Pole	1	HBB251H	20745



HBB251H

H630 Frame MCCB			
Adjustable sensitivity till 6A, Adjustable tripping 1s, 400A, 4 Pole	1	HBD401H	40420
Adjustable sensitivity till 6A, Adjustable tripping 1s, 500A, 4 Pole	1	HBD631H	44680



HI451I



HZC101I



HZC204I



VYE63M

Manual changeover switches

Characteristics:

- Comply with EN 60 947-3
- Manual changeover switches,
- 63 to 1600A
- 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	4285
100A	1	▶ HI405I	5665
125A	1	▶ HI451I	8535
160A	1	▶ HI452I	9330
250A	1	▶ HI454I	16235
400A	1	▶ HI456I	25035
630A	1	HI458I	29480
800A	1	HI460I	44130
1250A	1	HI462I	106040
1600A	1	HI464I	146520

* includes bridging bars & external handle

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

- Prices available upon request

MCOS enclosures

Characteristics:

- Rating: 63 – 1600A
- Changeover: 4P type
- Door: Hinged type single door
- Mounting: Surface type

- Preassembled with Manual COS
- Padlocking facility
- Removable gland plate
- Gasket protection

Description	Pack Qty.	Rating	Cat. Ref.	Unit MRP (₹)
63A FP MCOS Hinged Door Box	1	63A	▶ VYE63M	6240
100A FP MCOS Hinged Door Box	1	100A	▶ VYE100M	7945
125A FP MCOS Hinged Door Box	1	125A	▶ VYE125M	11810
160A FP MCOS Hinged Door Box	1	160A	▶ VYE160M	12945
250A FP MCOS Hinged Door Box	1	250A	VYE250M	20790
400A FP MCOS Hinged Door Box	1	400A	VYE400M	31810
630A FP MCOS Hinged Door Box	1	630A	VYE630M	36870
800A FP MCOS Hinged Door Box	1	800A	VYE800M	54700
1250A FP MCOS Hinged Door Box	1	1250A	VYE1250M	133990
1600A FP MCOS Hinged Door Box	1	1600A	VYE1600M	178795



HIB412I

Automatic transfer switches

Characteristics:

- Motorized changeover switches
- 125 to 1600A
- Allows automated switch, changeover switch or on load power circuit permutation
- For safety breaking
- 4P
- lockable on position: O.
- Mounting on plain or perforated plate
- Controller HZI811I controls HIB switches
- HZI812I should be used to supply HZI811I and motorized control of HIB to avoid control circuit breaking
- Comply with NF EN 60 947-3
- Connection with terminals

Motorized changeover switches (In)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
125A	1	▶ HIB412I	47830
160A	1	▶ HIB416I	55220
250A	1	▶ HIB425I	68950
400A	1	HIB440I	84875
630A	1	HIB463I	111365
800A	1	HIB480I	157390
1000A	1	HIB490I	166010
1250A	1	HIB491I	196550
1600A	1	HIB492I	257795

* includes bridging bars & external handle

* controller to be ordered separately



HZI811I

Automatic Transfer Relays

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Controller	1	▶ HZI811I	15710
Double Power Supply for Motorized Changeover	1	HZI812I	#

Terminal shrouds top and bottom (2 pieces / packaging)

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

Terminal covers

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

Remotes

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Controller changeover status display	1	HZI910I	#
Changeover status and control display	1	HZI911I	#

HZI811I must be ordered along with Motorized changeover for Auto transfer switch to function

- Prices available upon request



HZI910I



EKS301B

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	1740
Mains 30A, Genset 2.5A	1	▶ EKS302B	1740
Mains 30A, Genset 3A	1	▶ EKS303B	1740
Mains 30A, Genset 4A	1	▶ EKS304B	1740
Mains 30A, Genset 5A	1	▶ EKS305B	1740
Mains 30A, Genset 6A	1	▶ EKS306B	1740
Mains 30A, Genset 9A	1	▶ EKS309B	1740
Mains 30A, Genset 12A	1	EKS312B	1740
Mains 30A, Genset 15A	1	EKS315B	1740
Mains 30A, Genset 20A	1	▶ EKS320B	1740
Mains 30A, Genset 30A (with current limiter)	1	▶ EKS330B	1740



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	9240
Mains 40A, Genset 10A	1	EKT410SG	9240
Mains 40A, Genset 16A	1	EKT416SG	9240
Mains 40A, Genset 20A	1	EKT420SG	9240
Mains 40A, Genset 25A	1	EKT425SG	9240
Mains 40A, Genset 30A	1	EKT430SG	9240
Mains 63A, Genset 6A	1	EKT606SG	13640
Mains 63A, Genset 10A	1	EKT610SG	13640
Mains 63A, Genset 16A	1	EKT616SG	13640
Mains 63A, Genset 20A	1	EKT620SG	13640
Mains 63A, Genset 25A	1	EKT625SG	13640
Mains 63A, Genset 30A	1	EKT630SG	13640
Mains 63A, Genset 40A	1	EKT640SG	13640

TPN / TPN

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 6A	1	EKT406TG	9680
Mains 40A, Genset 10A	1	EKT410TG	9680
Mains 40A, Genset 16A	1	EKT416TG	9680
Mains 40A, Genset 20A	1	EKT420TG	9680
Mains 40A, Genset 25A	1	EKT425TG	9680
Mains 40A, Genset 30A	1	EKT430TG	9680
Mains 63A, Genset 6A	1	EKT606TG	14080
Mains 63A, Genset 10A	1	EKT610TG	14080
Mains 63A, Genset 16A	1	EKT616TG	14080
Mains 63A, Genset 20A	1	EKT620TG	14080
Mains 63A, Genset 25A	1	EKT625TG	14080
Mains 63A, Genset 30A	1	EKT630TG	14080
Mains 63A, Genset 40A	1	EKT640TG	14080

TPN / TPN (without current limiting)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 40A	1	▶ EKT440TG	9680
Mains 63A, Genset 63A	1	▶ EKT663TG	23320



NBN106N



NBN206N



NBN306N



NBN406N

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

Characteristics:

- Conforms to IS/IEC 60898 - 1:2002, IEC 60898 - 1995
- 10 kA as per IEC 60898
- Curve B & C
- 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	375
1A, 1 module	12	-	-	NCN101N	375
2A, 1 module	12	-	-	NCN102N	375
3A, 1 module	12	-	-	NCN103N	375
4A, 1 module	12	-	-	NCN104N	375
6A, 1 module	12	NBN106N	250	NCN106N	245
10A, 1 module	12	NBN110N	250	NCN110N	245
16A, 1 module	12	NBN116N	250	NCN116N	245
20A, 1 module	12	NBN120N	250	NCN120N	245
25A, 1 module	12	NBN125N	250	NCN125N	245
32A, 1 module	12	NBN132N	250	NCN132N	245
40A, 1 module	12	NBN140N	535	NCN140N	535
50A, 1 module	12	NBN150N	535	NCN150N	535
63A, 1 module	12	NBN163N	535	NCN163N	535
Double Pole					
0.5A, 2 module	6	-	-	NCN200N	1015
1A, 2 module	6	-	-	NCN201N	1015
2A, 2 module	6	-	-	NCN202N	1015
3A, 2 module	6	-	-	NCN203N	1015
4A, 2 module	6	-	-	NCN204N	1015
6A, 2 module	6	NBN206N	730	NCN206N	730
10A, 2 module	6	NBN210N	730	NCN210N	730
16A, 2 module	6	NBN216N	730	NCN216N	730
20A, 2 module	6	NBN220N	730	NCN220N	730
25A, 2 module	6	NBN225N	730	NCN225N	730
32A, 2 module	6	NBN232N	730	NCN232N	730
40A, 2 module	6	NBN240N	1175	NCN240N	1175
50A, 2 module	6	NBN250N	1175	NCN250N	1175
63A, 2 module	6	NBN263N	1175	NCN263N	1175
Triple Pole					
0.5A, 3 modules	4	-	-	NCN300N	1570
1A, 3 modules	4	-	-	NCN301N	1570
2A, 3 modules	4	-	-	NCN302N	1570
3A, 3 modules	4	-	-	NCN303N	1570
4A, 3 modules	4	-	-	NCN304N	1570
6A, 3 modules	4	NBN306N	1190	NCN306N	1190
10A, 3 modules	4	NBN310N	1190	NCN310N	1190
16A, 3 modules	4	NBN316N	1190	NCN316N	1190
20A, 3 modules	4	NBN320N	1190	NCN320N	1190
25A, 3 modules	4	NBN325N	1190	NCN325N	1190
32A, 3 modules	4	NBN332N	1190	NCN332N	1190
40A, 3 modules	4	NBN340N	1815	NCN340N	1815
50A, 3 modules	4	NBN350N	1815	NCN350N	1815
63A, 3 modules	4	NBN363N	1815	NCN363N	1815
Four Pole					
0.5A, 4 modules	3	-	-	NCN400N	1970
1A, 4 modules	3	-	-	NCN401N	1970
2A, 4 modules	3	-	-	NCN402N	1970
3A, 4 modules	3	-	-	NCN403N	1970
4A, 4 modules	3	-	-	NCN404N	1970
6A, 4 modules	3	NBN406N	1600	NCN406N	1600
10A, 4 modules	3	NBN410N	1600	NCN410N	1600
16A, 4 modules	3	NBN416N	1600	NCN416N	1600
20A, 4 modules	3	NBN420N	1600	NCN420N	1600
25A, 4 modules	3	NBN425N	1600	NCN425N	1600
32A, 4 modules	3	NBN432N	1600	NCN432N	1600
40A, 4 modules	3	NBN440N	2200	NCN440N	2200
50A, 4 modules	3	NBN450N	2200	NCN450N	2200
63A, 4 modules	3	NBN463N	2200	NCN463N	2200



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	380
1A, 1 module	12	NDN101N	380
2A, 1 module	12	NDN102N	380
3A, 1 module	12	NDN103N	380
4A, 1 module	12	NDN104N	380
6A, 1 module	12	▶ NDN106N	315
10A, 1 module	12	▶ NDN110N	315
16A, 1 module	12	▶ NDN116N	315
20A, 1 module	12	▶ NDN120N	315
25A, 1 module	12	▶ NDN125N	315
32A, 1 module	12	▶ NDN132N	315
40A, 1 module	12	NDN140N	570
50A, 1 module	12	NDN150N	570
63A, 1 module	12	NDN163N	570
Double Pole			
0.5A, 2 modules	6	NDN200N	1020
1A, 2 modules	6	NDN201N	1020
2A, 2 modules	6	NDN202N	1020
3A, 2 modules	6	NDN203N	1020
4A, 2 modules	6	NDN204N	1020
6A, 2 modules	6	▶ NDN206N	755
10A, 2 modules	6	▶ NDN210N	755
16A, 2 modules	6	▶ NDN216N	755
20A, 2 modules	6	▶ NDN220N	755
25A, 2 modules	6	▶ NDN225N	755
32A, 2 modules	6	▶ NDN232N	755
40A, 2 modules	6	▶ NDN240N	1230
50A, 2 modules	6	NDN250N	1230
63A, 2 modules	6	▶ NDN263N	1230
Triple Pole			
0.5A, 3 modules	4	NDN300N	1575
1A, 3 modules	4	NDN301N	1575
2A, 3 modules	4	NDN302N	1575
3A, 3 modules	4	NDN303N	1575
4A, 3 modules	4	NDN304N	1575
6A, 3 modules	4	NDN306N	1240
10A, 3 modules	4	NDN310N	1240
16A, 3 modules	4	▶ NDN316N	1240
20A, 3 modules	4	▶ NDN320N	1240
25A, 3 modules	4	▶ NDN325N	1240
32A, 3 modules	4	▶ NDN332N	1240
40A, 3 modules	4	▶ NDN340N	1910
50A, 3 modules	4	NDN350N	1910
63A, 3 modules	4	▶ NDN363N	1910
Four Pole			
0.5A, 4 modules	3	NDN400N	1970
1A, 4 modules	3	NDN401N	1970
2A, 4 modules	3	NDN402N	1970
3A, 4 modules	3	NDN403N	1970
4A, 4 modules	3	NDN404N	1970
6A, 4 modules	3	NDN406N	1650
10A, 4 modules	3	NDN410N	1650
16A, 4 modules	3	NDN416N	1650
20A, 4 modules	3	NDN420N	1650
25A, 4 modules	3	NDN425N	1650
32A, 4 modules	3	▶ NDN432N	1650
40A, 4 modules	3	▶ NDN440N	2380
50A, 4 modules	3	NDN450N	2380
63A, 4 modules	3	▶ NDN463N	2380



NC210N



NC410N

Project Miniature circuit breakers - type NC---N

Characteristics:

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

Description	Pack Qty.	Cat. Ref. Curve C
Single Pole		
0.5A, 1 module	12	NC100N
1A, 1 module	12	NC101N
2A, 1 module	12	NC102N
3A, 1 module	12	NC103N
4A, 1 module	12	NC104N
6A, 1 module	12	NC106N
10A, 1 module	12	NC110N
16A, 1 module	12	NC116N
20A, 1 module	12	NC120N
25A, 1 module	12	NC125N
32A, 1 module	12	NC132N
40A, 1 module	12	NC140N
50A, 1 module	12	NC150N
63A, 1 module	12	NC163N
Double Pole		
0.5A, 2 module	6	NC200N
1A, 2 module	6	NC201N
2A, 2 module	6	NC202N
3A, 2 module	6	NC203N
4A, 2 module	6	NC204N
6A, 2 module	6	NC206N
10A, 2 module	6	NC210N
16A, 2 module	6	NC216N
20A, 2 module	6	NC220N
25A, 2 module	6	NC225N
32A, 2 module	6	NC232N
40A, 2 module	6	NC240N
50A, 2 module	6	NC250N
63A, 2 module	6	NC263N
Triple Pole		
0.5A, 3 modules	4	NC300N
1A, 3 modules	4	NC301N
2A, 3 modules	4	NC302N
3A, 3 modules	4	NC303N
4A, 3 modules	4	NC304N
6A, 3 modules	4	NC306N
10A, 3 modules	4	NC310N
16A, 3 modules	4	NC316N
20A, 3 modules	4	NC320N
25A, 3 modules	4	NC325N
32A, 3 modules	4	NC332N
40A, 3 modules	4	NC340N
50A, 3 modules	4	NC350N
63A, 3 modules	4	NC363N
Four Pole		
0.5A, 4 modules	3	NC400N
1A, 4 modules	3	NC401N
2A, 4 modules	3	NC402N
3A, 4 modules	3	NC403N
4A, 4 modules	3	NC404N
6A, 4 modules	3	NC406N
10A, 4 modules	3	NC410N
16A, 4 modules	3	NC416N
20A, 4 modules	3	NC420N
25A, 4 modules	3	NC425N
32A, 4 modules	3	NC432N
40A, 4 modules	3	NC440N
50A, 4 modules	3	NC450N
63A, 4 modules	3	NC463N

- Prices available on request

* - Material sold exclusively for projects only, not for retail sale



HLF199S



HLF499S



ML510J



MZ215

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	1920
100A, 1.5 modules	1	▶ HLF190S	2150
125A, 1.5 modules	1	▶ HLF199S	2325
Double Pole			
80A, 3 modules	1	▶ HLF280S	4255
100A, 3 modules	1	▶ HLF290S	4535
125A, 3 modules	1	▶ HLF299S	4990
Triple Pole			
80A, 4.5 modules	1	▶ HLF380S	6700
100A, 4.5 modules	1	▶ HLF390S	7140
125A, 4.5 modules	1	▶ HLF399S	7930
Four Pole			
80A, 6 modules	1	▶ HLF480S	8730
100A, 6 modules	1	▶ HLF490S	9105
125A, 6 modules	1	▶ HLF499S	10295

Miniature circuit breakers - type ML---J

Characteristics:

- Conforms to IEC 60898
- Curve C SPN (1 Module)
- 6kA as per IEC 60898

Description	Pack Qty.	Cat. Ref. Curve C	Unit MRP (₹)
1P + N			
6A, 1 module	1	ML506J	695
10A, 1 module	1	ML510J	695
16A, 1 module	1	ML516J	695
20A, 1 module	1	ML520J	695
25A, 1 module	1	ML525J	695
32A, 1 module	1	ML532J	695
40A, 1 module	1	ML540J	1120

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	710
Trip alarm contact (1NO + 1NC), 0.5 module (For MCBs only)	1	▶ MZ202	835
Shunt trip 230V AC, 1 module	1	▶ MZ203	1940
Shunt trip 12-48V DC, 1 module	1	▶ MZ204	1940
Undervoltage release, 48V DC, 1 module	1	▶ MZ205	1695
Undervoltage release, 230V AC, 1 module	1	▶ MZ206	1695
MCB Locking kit	2	▶ MZN175	465
Auxiliary + alarm switch (for RCCB), 1 module	1	▶ CZ001	1375
Overvoltage release, 230V AC, U _c > 280V, 1 module	1	▶ MZ209	2100
Overvoltage + Low voltage release, 230V AC, 60V AC < U < 170V AC, U > 267V AC, 1 module	1	▶ MZ215	2845
Overvoltage release, 230V AC, U > 275 V AC, 3 phase in 1 module Suitable for 3Ph+N	1	▶ MZ216	3915

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



CD240Y

RCCBs

Characteristics:

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

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

Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
Double Pole				
16A, 2 modules	1	10 mA	CC216Y	4730
25A, 2 modules	1	10 mA	CC225Y	5415
	1	30 mA	▶ CD225Y	2565
	1	100 mA	▶ CE225Y	2770
	1	300 mA	▶ CF225Y	2815
40A, 2 modules	1	30 mA	▶ CD240Y	3010
	1	100 mA	▶ CE240Y	3210
	1	300 mA	▶ CF240Y	3280
63A, 2 modules	1	30 mA	▶ CD263Y	3590
	1	100 mA	▶ CE263Y	3810
	1	300 mA	▶ CF263Y	3835
100A, 2 modules	1	30 mA	▶ CD284Y	6155
	1	100 mA	▶ CE284Y	6155



CD440Y

Four Pole

25A, 4 modules	1	30 mA	▶ CD425Y	3535
	1	100 mA	▶ CE425Y	3670
	1	300 mA	▶ CF425Y	3755
40A, 4 modules	1	30 mA	▶ CD440Y	3495
	1	100 mA	▶ CE440Y	3685
	1	300 mA	▶ CF440Y	3810
63A, 4 modules	1	30 mA	▶ CD463Y	4050
	1	100 mA	▶ CE463Y	4355
	1	300 mA	▶ CF463Y	4355
100A, 4 modules	1	30 mA	▶ CD484Y	7070
	1	100 mA	▶ CE484Y	7070
	1	300 mA	▶ CF484Y	7070



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	5370
	1	300 mA	CQ225J	5475
40A, 2 modules	1	30 mA	▶ CH240J	5640
	1	300 mA	CQ240J	5675
63A, 2 modules	1	30 mA	CH263J	5805
	1	300 mA	▶ CQ263J	5970



CH440J

Four Pole

25A, 4 modules	1	30 mA	CH425J	6020
	1	300 mA	CQ425J	6090
40A, 4 modules	1	30 mA	▶ CH440J	6235
	1	300 mA	CQ440J	6340
63A, 4 modules	1	30 mA	▶ CH463J	6400
	1	300 mA	CQ463J	6540



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	3720
	1	100mA	▶ AE956Y	3940
	1	300 mA	▶ AF956Y	3830
10A, 2 modules	1	30 mA	▶ AD960Y	3720
	1	100mA	▶ AE960Y	3940
	1	300 mA	▶ AF960Y	3830
16A, 2 modules	1	30 mA	▶ AD966Y	3720
	1	100 mA	▶ AE966Y	3940
	1	300 mA	▶ AF966Y	3830
20A, 2 modules	1	30 mA	▶ AD970Y	3720
	1	100 mA	▶ AE970Y	3940
	1	300 mA	▶ AF970Y	3830
25A, 2 modules	1	30 mA	▶ AD975Y	3720
	1	100mA	▶ AE975Y	3940
	1	300 mA	▶ AF975Y	3830
32A, 2 modules	1	30 mA	▶ AD982Y	3905
	1	100mA	▶ AE982Y	4050
	1	300 mA	▶ AF982Y	4025
40A, 2 modules	1	30 mA	▶ AD990Y	4815
	1	100mA	▶ AE990Y	4920
	1	300 mA	▶ AF990Y	4750



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	7045
	1	300 mA	AFH956	7460
10A, 2 modules	1	30 mA	ADH960	7045
	1	300 mA	AFH960	7460
16A, 2 modules	1	30 mA	ADH966	7045
	1	300 mA	AFH966	7460
20A, 2 modules	1	30 mA	ADH970	7045
	1	300 mA	AFH970	7460
25A, 2 modules	1	30 mA	ADH975	7045
	1	300 mA	AFH975	7460
32A, 2 modules	1	30 mA	ADH982	7395
40A, 2 modules	1	30 mA	ADH990	8770



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	3135
	1	100 mA	AEC206Y	3880
10A, 4 modules	1	30 mA	▶ ADC210Y	3135
	1	100 mA	AEC210Y	3880
16A, 4 modules	1	30 mA	▶ ADC216Y	3135
	1	100 mA	AEC216Y	3880
	1	300 mA	AFC216Y	3850
25A, 4 modules	1	30 mA	▶ ADC225Y	3135
	1	100 mA	AEC225Y	3880
	1	300 mA	AFC225Y	3850
32A, 4 modules	1	30 mA	▶ ADC232Y	3350
	1	100 mA	AEC232Y	3880
	1	300 mA	AFC232Y	3850
40A, 4 modules	1	30 mA	▶ ADC240Y	3955
	1	100 mA	AEC240Y	4325
	1	300 mA	AFC240Y	4400
63A, 4 modules	1	30 mA	▶ ADC263Y	4725
	1	100 mA	AEC263Y	5000
	1	300 mA	AFC263Y	5045



ADC425Y

Four Pole

16A, 6 modules	1	30 mA	▶ ADC416Y	4270
	1	100 mA	AEC416Y	4775
	1	300 mA	AFC416Y	4875
25A, 6 modules	1	30 mA	▶ ADC425Y	4270
	1	100 mA	AEC425Y	4570
	1	300 mA	AFC425Y	4710
32A, 7 modules	1	30 mA	▶ ADC432Y	4415
	1	100 mA	AEC432Y	4620
	1	300 mA	AFC432Y	4710
40A, 7 modules	1	30 mA	▶ ADC440Y	4480
	1	100 mA	AEC440Y	4750
	1	300 mA	AFC440Y	4805
63A, 7 modules	1	30 mA	▶ ADC463Y	5300
	1	100 mA	AEC463Y	5400
	1	300 mA	AFC463Y	5400



BTC480E

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

Characteristics:

- Conforms to:
 - IEC 61009 part 1:1996
 - IEC 60947 part 2:1996
 - ISI Marked
- 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	10310
125A, adjustable sensitivity – 300/500mA/1A, 6 modules Trip time – Inst, 60 msec, 150 msec	1	BTC380E	11080
4P Type AC			
125A, 30mA, instantaneous trip, 6 modules	1	BDC480E	11610
125A, 300mA, instantaneous trip, 6 modules	1	BFC480E	11160
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	BTC480E	12375
3P Type Hi			
125A, 30mA, instantaneous trip, 6 modules	1	BDH380E	12370
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	BTH380E	15075
4P Type Hi			
125A, 30mA, instantaneous trip, 6 modules	1	BDH480E	13955
125A, 300mA, instantaneous trip, 6 modules	1	BFH480E	14770
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	BTH480E	16690



BTH380E



HR510

Earth Leakage Relays

Characteristics:

- Conforms to
 - IEC 60947 - 2 annex B
 - IEC 61008 - 1
 - IEC 61543
- This relay monitor earth leakage current and the output of the relay operates if the leakage current rises above a selected level

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Instant trip, fixed sensitivity 30mA, 1 module	1	HR500	9745
Instant trip, fixed sensitivity 300mA, 1 module	1	HR502	9865
Adjustable trip time delay (Inst. 0.1, 0.3, 0.4, 0.5, 1.3 sec) adjustable sensitivity (0.03, 0.1, 0.3, 1, 3, 10A) 3 modules	1	HR510	11490



HR742

Torroids for Earth Leakage Relays

Characteristics:

- Detection torroids for HR range of earth leakage relays

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Circular section torroid 35mm dia.	1	HR741	5920
Circular section torroid 70mm dia.	1	HR742	6665
Circular section torroid 105mm dia.	1	HR743	8195
Circular section torroid 140mm dia.	1	HR744	18240
Circular section torroid 210mm dia.	1	HR745	26725



VE218PN

Photovoltaic solution

Characteristics:

- IP65 vector enclosure for outdoor installation – Suitable for exposure to Ultraviolet light, Water exposure and Immersion in accordance with UL746C.
- Heat resistant with Dimensional stability under heat up to 130°C.
- Protection from atmospheric moisture: Ventilation and drainage of condensed water by special ventilation glands.
- Switch Disconnecter for 1000V DC
- Surge Protection Devices – Double pole polarized SPD for 1000V DC with End of life indicator
- Photovoltaic fuse carriers and fuses for DC protection of PV strings against overload and short circuits.



L501PV



SB432PV

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
vector IP65 enclosures 1 row 3 modules	1	VE103PN	1285
vector IP65 enclosures 1 row 6 modules	1	VE106PN	1950
vector IP65 enclosures 1 row 10 modules	1	VE110PN	2720
vector IP65 enclosures 1 row 12 modules	1	VE112PN	3545
vector IP65 enclosures 1 row 18 modules	1	VE118PN	4925
vector IP65 enclosures 2 row 24 modules	1	VE212PN	5495
vector IP65 enclosures 2 row 36 modules	1	VE218PN	7215
vector IP65 enclosures 3 row 36 modules	1	VE312PN	7395
vector IP65 enclosures 3 row 54 modules	1	VE318PN	9850
vector IP65 enclosures 4 row 48 modules	1	VE412PN	9455
cable gland, M16	1	VZ016M	40
cable gland, M20	1	VZ020M	60
cable gland, M25	1	VZ025M	70
cable gland, M32	1	VZ032M	105
cable gland, M40	1	VZ040M	260
ventilated cable gland, M20, IP-66	1	VZ020D	665
ventilated cable gland, M25, IP-66	1	VZ025D	935
ventilated cable gland, M32, IP-66	1	VZ032D	1300
Photovoltaic DIN rail terminal 10mm 1000V DC	1	KXN10LH	155
Closing plate for KXN10LH	1	KW10LH	35
Surge protection device Ucpv ≤ 1000V DC, 25 kA, class II with end life indicator	1	SPV325	6850
Earth cartridge for SPV325	1	SPV025E	1635
Polarized +/- cartridge for SPV325	1	SPV025	2640
PV cartridge fuses 1A, 1000V DC	10	LF301PV	295
PV cartridge fuses 2A, 1000V DC	10	LF302PV	295
PV cartridge fuses 3A, 1000V DC	10	LF303PV	295
PV cartridge fuses 4A, 1000V DC	10	LF304PV	295
PV cartridge fuses 5A, 1000V DC	10	LF305PV	295
PV cartridge fuses 6A, 1000V DC	10	LF306PV	295
PV cartridge fuses 8A, 1000V DC	10	LF308PV	295
PV cartridge fuses 10A, 1000V DC	10	LF310PV	295
PV cartridge fuses 12A, 1000V DC	10	LF312PV	490
PV cartridge fuses 15A, 1000V DC	10	LF315PV	490
PV cartridge fuses 16A, 1000V DC	10	LF316PV	490
PV cartridge fuses 20A, 1000V DC	10	LF320PV	580
PV cartridge fuses 25A, 600V DC	10	LF325PV	580
PV cartridge fuses 32A, 600V DC	10	LF332PV	580
Photovoltaic fuse carrier 32A, single pole, 1000V DC	12	L501PV	530
Photovoltaic fuse carrier 32A, double pole, 1000V DC	6	L502PV	650
DC Switch disconnectors 32A, 1000 V DC 4 poles	1	SB432PV	8920



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	▶ LS501	200
	6	Double Pole	LS502	375
L51 fuse carriers				
690V - 32A	1	Single Pole	▶ LS601	825
	1	Double Pole	LS602	1705



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	40
10 x 38 mm	10		2A	▶ LF302G	40
breaking capacity: 120kA	10		4A	▶ LF304G	40
	10		6A	▶ LF306G	40
	10		8A	▶ LF308G	40
	10		10A	▶ LF310G	40
	10		12A	▶ LF312G	40
	10		16A	▶ LF316G	40
	10		20A	▶ LF320G	40
	10		25A	▶ LF325G	45
	10	400 V AC	32A	▶ LF332G	50
Cartridge fuses					
type gG	10	690 V AC	2A	▶ LF402G	90
14 x 51 mm	10		4A	▶ LF404G	90
breaking capacity:	10		6A	▶ LF406G	90
2 to 25A : 80kA	10		8A	▶ LF408G	90
32 to 50A : 120kA	10		10A	▶ LF410G	90
	10		12A	▶ LF412G	90
	10		16A	▶ LF416G	90
	10		20A	▶ LF420G	90
	10		25A	▶ LF425G	90
	10	500 V AC	32A	▶ LF432G	90
	10		40A	▶ LF440G	90
	10		45A	▶ LF445G	110
	10	400 V AC	50A	▶ LF450G	110



SP320

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 products-main protection				
limp 50kA	1	1P, 2 modules	▶ SP120	8105
limp 100kA	1	3P, 4 modules	▶ SP320	22805
limp 50kA	1	1P(N-PE), 2 modules	SP150	10255

Type 2 products-main protection

Imax 65kA	1	1P, 1 modules	SPN165R	7770
(with reserve indicator & remote signalling)	1	1P+N, 2 modules	SPN265R	13285
	1	4P, 4 modules	▶ SPN465R	26380
Imax 40kA	1	1P, 1 module	SPN140R	6325
(with reserve indicator & remote signalling)	1	1P+N, 2 modules	SPN240R	11980
	1	4P, 4 modules	SPN440R	23045
Imax 40kA	1	1P, 1 module	▶ SPD140D	4585
	1	1P+N, 2 modules	SPD240D	7770
	1	4P, 4 modules	▶ SPD440D	15260
Imax 15kA	1	1P, 1 module	SPN115D	3965
	1	1P+N, 2 modules	▶ SPD215D	6575
	1	4P, 4 modules	▶ SPD415D	12525

Type 3 products-fine protection

Imax 8kA	1	2P, 2 modules	SPN203N	7370
	1	4P, 3 modules	SPN403N	13000

Phase cartridges for		1	SPN165/265/465R	SPN065R	5335
		1	SPN140/240/440R	SPN040R	4315
		1	SPD140/240/440D	SPD040D	2725
		1	SPD(N)115/215/415D	SPD015D	2135
		1	SPN203N	SPN023N	#
		1	SPN403N	SPN043N	#

Neutral cartridges for		1	SPN265/465R	SPN065N	5005
		1	SPN240/440R	SPN040N	4165
		1	SPDxxxD	SPD040N	4180

SPDs for telephone lines

Imax 10kA	1	Digital Tele lines, 2 modules	SPN504	6460
	1	Analogue Tele lines, 2 modules	SPN505	6360

- Prices available on request



SP440R



SPN505



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	1630
40A, 2 modules	1	▶ SFT240N	2485
63A, 4 modules		SF263	2640
Four Pole			
40A, 4 modules	1	▶ SFT440N	4240
63A, 8 modules	1	SF463	4400



SBN225N

Isolating switches

Characteristics:

- Conforms to IEC 60947-III

- AC22A devices used as switch disconnectors in electrical circuit

Description	Pack Qty.	Cat. Ref. Curve C	Unit MRP (₹)
Single Pole			
16A, 1 modules	1	SBN116N	340

Double Pole

25A, 1 module	1	SBN225N	370
32A, 1 module	1	SBN232N	400
40A, 2 modules	1	▶ SBN240N	440
63A, 2 modules	1	▶ SBN263N	575
100A, 2 modules	1	▶ SBN290N	785
125A, 2 modules	1	▶ SBN299N	900

Triple Pole

32A, 2 module	1	SBN332N	710
40A, 3 modules	1	▶ SBN340N	760
63A, 3 modules	1	▶ SBN363N	900
100A, 3 modules	1	▶ SBN390N	1005
125A, 3 modules	1	▶ SBN399N	1160

Four Pole

32A, 4 module	1	SBN432N	785
40A, 4 modules	1	▶ SBN440N	970
63A, 4 modules	1	▶ SBN463N	1065
100A, 4 modules	1	▶ SBN490N	1305
125A, 4 modules	1	▶ SBN499N	1445



SBN440N

Signaling & Power Interface

Hager offers control and signaling products to achieve safe & efficient control of electricity within domestic, commercial and industrial applications. Hager contactors compliments our control and protection devices. They are commonly used for remote switching of electrical circuits for lighting, pumps, HVAC and building automation systems.



Indicator lights	54
Push buttons	54
Analogue voltmeters and ammeters	54
Current transformers	55
Selector switches	55
Modular bells & buzzers	55
Modular contactors	56
Latching relays	56
Digital energy meters	57



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	635
Red, 1 module	12	▶ SVN122	635
Orange, 1 module	12	▶ SVN123	635
Blue, 1 module	12	▶ SVN124	635
Red+Green indicator, 1 module	12	SVN126	820
Red+Green+Orange indicator, 1 module	12	▶ SVN129	1160
Red+Orange+Blue (RYB) indicator, 1 module	12	▶ SVN222	1160



SVN312

Push buttons

Characteristics:

- Latching push buttons for actuating loads directly or via contactors

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
16A without indicator			
1NO, 1 module	1	SVN312	1115
2NO, 1 module	1	SVN332	1145
1NO + 1NC, 1 module	1	SVN352	1145

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
16A with green indicator			
1NO, 1 module	1	SVN413	1585
2NO, 1 module	1	SVN433	1585



SM500

Analogue meters

Characteristics:

- Used to measure voltage and current in electrical circuits

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Analogue Voltmeters			
0-500V, 4 modules	1	SM500	3385

Analogue Ammeters

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
0-30A, direct reading, 4 modules	1	SM030	3385
0-50A, C.T. operated, 4 modules	1	SM050	3385
0-100A, C.T. operated, 4 modules	1	SM100	3385
0-150A, C.T. operated, 4 modules	1	SM150	3385
0-250A, C.T. operated, 4 modules	1	SM250	3385



SRA01005

Current transformer

Characteristics:

- Used to feed analogue ammeters

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Ratio			
50/5	1	SRA00505	1630
100/5	1	SRA01005	1740
150/5	1	SRA01505	1960
250/5	1	SRA02505	2075



SK602

Selector switches

Characteristics:

- For voltage/current parameter selection in 3 phase application

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Voltmeter selector switch, 7 position, 3 modules	1	SK602	4580
Ammeter selector switch, 4 position, 3 modules	1	SK603	4580
Lockable rotary switch, 4 position, 3 modules	1	SK606	5005



SU215

Modular bells & buzzers

Characteristics:

- Modular devices to provide audio alarm in buildings

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Double Pole			
230V / 6.5 VA bell, 1 module	12	SU213	1450
230V / 6.5 VA buzzer, 1 module	12	SU215	1585



ETC463

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	1635
1 NO+1NC, 25A, 1 module	1	ESC227	1780
2 NO, 40A, 3 modules	1	▶ ESC240	2855
2 NO, 63A, 3 modules	1	▶ ESC263	3885
3 NO, 40A, 3 modules	1	ESC340	3895
3 NO, 63A 3 modules	1	ESC363	4675
4 NO, 25A, 3 modules	1	ESC425	2550
4 NO, 40A, 3 modules	1	▶ ESC440	4680
2 NO+2NC, 40A, 3 modules	1	ESC442	4275
3 NO+1NC, 40A, 3 modules	1	ESC443	4160
4 NO, 63A, 3 modules	1	▶ ESC463	5580
2NO+2NC, 63A, 3 modules	1	▶ ESC465	4990
3NO+1NC, 63A, 3 modules	1	ESC466	5225
Auxiliary contact 1NO+1NC	1	ESC080	1560
4NO, 40A, night and day contactor, 3 modules	1	ETC440	4775
4NO, 63A, night and day contactor, 3 modules	1	ETC463	5925



EPN540

Latching relays

Characteristics:

- These devices are used for controlling of lighting circuits in buildings

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
230V / 16A, 230V AC coil 1NO, 1 module	1	EPN510	1790
230V / 16A, 230V AC coil 2NO, 1 module	1	EPN520	1885
230V / 16A, 230V AC coil 1NO+1NC, 1 module	1	EPN515	1885
230V / 16A, 230V AC coil 2NO+2NC, 2 modules	1	EPN525	3895
230V / 16A, 230V AC coil 4NO, 2 modules	1	EPN540	3895



EC350

Digital energy meters - Direct measurement

Characteristics:

- Used to measure the active energy consumed by an installation
- They help to keep the real cost of an installation under control
- Modular design with DIN channel mounting, devices are ideal to monitor energy consumption in the enclosures

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Single phase kwh meter 32A	1	EC050	8870
Single phase kwh meter 63A	1	EC150	15570
Single phase kwh meter 63A - 2 tariffs	1	EC152	20515
Three phase kwh meter 63A	1	EC350	19865

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.



Time switches	60
Time lag switch	60
Twilight switches	61
Presence & movement detectors	61
LED floodlight	61
Movement detector-wall mounted	62
Accessories for movement & presence detectors	62
Dimmers & dimming systems	62



EH711

Electromechanical time switches

Characteristics:

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

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Quartz 1 channel 1 daily dial 1 module	1	▶ EH011	2490
Quartz 1 channel 1 daily dial 3 modules	1	▶ EH111	2545
Quartz 1 channel 1 daily dial	1	▶ EH711	2395
Quartz 1 channel weekly dial	1	▶ EH771	2705



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	6135
2 channel yearly time switch supplied with USB key 1 Programming through PC software (optional), 4 modules	1	EG293B	19605
Spare USB Key for EG293B	1	EG007	2235



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	7875
Astro time switch with USB key, 2 channels	1	▶ EE181	9075
PC programming kit for EE180, EE181, EG103E	1	EG003U	7825
Spare USB key	1	EG005	830



EMN005

Time lag switch

Characteristics:

- Contact Rating: 16A AC1
- Multifunction with Pre-warning and Double delay upto 1 hour
- Double delay upto 30 sec. to 10 min. or 1 hour

- A staircase time lag switch allows you to switch on the light during an adjustable time.
- After the time lag it switches off automatically.
- Application: Staircase, etc

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Time lag switch	1	EMN005	3075



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 (₹)
Adjustable sensitivity 5 to 50 lux & 50 to 2000 lux, delivered with surface cell, 4 modules	1	EE100	8855
Programmable twilight + electromechanical time switch delivered with surface cell, 5 modules	1	EE110	12865
Outdoor IP54 twilight switch 2 to 1000 lux	1	▶ EE702	5410
Spare IP54 surface cell for EE100 & 110	1	EE1003	5140



EE883

Movement and presence detectors-ceiling mounted

Characteristics:

- Day light sensing.
- Surface and flush mounting versions
- Adjustable time delay and lux level settings
- Movement detectors
- Inbuilt ambient light sensor with adjustable lux level 5 to 1000 lux
- adjustable time delay upto 15 mins
- Presence detectors
- Inbuilt ambient light sensor with adjustable lux level 5 to 1200 lux
- adjustable time delay upto 1 Hr

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Movement detectors			
Single lens, 360°, 6m dia detection 10A AC 1, 1 channel, surface mounted	1	▶ EE804	4150
Single lens, 360°, 6m dia detection 10A AC 1, 1 channel, flush mounted	1	▶ EE805	4150



EE880

Presence detectors

Dual lens, 360°, 13m x 7m detection 16A AC 1, 1 channel, surface mounted	1	▶ EE810	8085
Dual lens, 360°, 13m x 7m detection 16A & 2A AC 1, 2 channels, surface mounted	1	▶ EE811	9310
Dual lens, 360°, 13m x 7m detection 1/10V, 16A AC 1, 1 channel, surface mounted	1	▶ EE812	11510
Monobloc, 360°, 7m x 7m detection 16A AC 1, daylight override, flush mounted, IR remote (accessory)	1	▶ EE815	8835
Monobloc, 360°, 7m x 7m detection 16A AC 1, daylight regulation, DALI/DSI, IR remote (accessory)	1	▶ EE816	11845
Hyper frequency motion detector 1 channel, Area detection: 1m - 8m, Surface mounted, Time delay: 5s - 15mins	1	▶ EE883	11090
IR motion detector for Corridors Area detection: 20m x 4m, Surface mounted Time delay: 5s - 15mins	1	EE880	8800



EE600

LED floodlight

Characteristics:

- LED lamp with a unique design, integrating LED technology and motion detector for energy savings
- Detection range - 12m
- Weather proof IP55
- Day light sensing

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
High powered - detection range 220-360°, 60W, luminous flux 3400lm	1	EE600	23100
Cool light - detection range 140°, 15 W, luminous flux 1100lm	1	EE610	12010
Remote control	1	EE806	3955



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	5225
Movement detector, 200°, 16m front detection, 10A AC 1	1	▶ EE830	5955
Movement detector, 360°, 10m dia detection, 10A AC 1	1	▶ EE840	6765
Enhanced range			
Movement detector, 140°, 16m front detection, 16A AC 1	1	▶ EE850	6795
Movement detector, 220°, 16m front detection, 16A AC 1	1	▶ EE860	7585
Movement detector, 220+360°, 16m front + 6m dia, 16A AC 1	1	▶ EE870	8485



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	3955
Installer remote control for EE815 & EE816	1	EE807	7395
User remote control for EE816	1	EE808	5360
Surface mounting box (for EE810, EE811, EE812)	1	EE813	565
Corner mounting bracket for Comfort detectors	1	EE825	655
Ceiling mounting bracket for Comfort detectors	1	EE827	655
Corner mounting bracket for Enhanced detectors	1	EE855	655



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	7970
500 Watts, 230V, 50 Hz suitable for incandescent, halogen 230V, halogen VLV(12 or 24V) via ferromagnetic & electronic transformer, scene input	1	▶ EVN004	12230
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	13755
1/10 V Pilot dimmers with scene input to control several EV102 with adjustable preset levels & time delays	1	EV108	15050



SBR240N

Isolating switches

Characteristics:

- Conforms to IEC 60947-III

- AC22A devices used as switch disconnectors in electrical circuit

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Single Pole			
16A, 1 modules	1	SB116	320

Double Pole

25A, 1 module	1	SBR225N	350
32A, 1 module	1	SBR232N	380
40A, 2 modules	1	SBR240N	415
63A, 2 modules	1	SBR263N	545
100A, 2 modules	1	SBR290N	740
125A, 2 modules	1	SBR299N	845

Triple Pole

32A, 2 module	1	SBR332N	670
40A, 3 modules	1	SBR340N	715
63A, 3 modules	1	SBR363N	850
100A, 3 modules	1	SBR390N	945
125A, 3 modules	1	SBR399N	1095

Four Pole

32A, 4 module	1	SBR432N	740
40A, 4 modules	1	SBR440N	915
63A, 4 modules	1	SBR463N	1005
100A, 4 modules	1	SBR490N	1230
125A, 4 modules	1	SBR499N	1360



SBR490N

Dispatch lead time for non-stockable references:

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

Terms & Conditions

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

* Product development is a continuous process and hence the described content in the catalogue are subject to change without prior notice. Contact your nearest Hager Partner for the latest information.

☐ Send Sales Engineer ☐ Subscribe to Newsletter ☐ New Product Information

Name:

Company:

Address:

.....

City: Pin Code:

Tel.: Mobile:

E-mail:

Please specify profession as applicable:

☐ Consultant ☐ Panel builder ☐ OEM Contractor ☐ Architect

☐ End User (Building) ☐ End User (Industry) ☐ Government Departments

Place
Stamp
Here

To,
Hager Electro Private Limited
Corporate office:
Office 2A, First Floor
North Court Building
Opposite Joggers Park
Kalyani Nagar
Pune-411006 India
Tel: +91 20 41477500
Fax: +91 20 41477510

Toll free no.: 1800 103 5440
Email: hagerwow@hager.co.in
Website: www.hager.co.in

Always near

North

Delhi & NCR
Haryana
Uttar Pradesh
Uttarakhand

North

West

Punjab
Chandigarh
Himachal Pradesh
Jammu & Kashmir
Rajasthan

East

West Bengal
Orissa
Bihar
Jharkhand
Arunachal Pradesh
Assam
Manipur
Meghalaya
Mizoram
Nagaland
Tripura

West

Maharashtra
Gujarat
Goa
Madhya Pradesh
Chhattisgarh

South

Tamilnadu
Pondicherry
Karnataka
Kerala
Telangana
Andhra Pradesh

Our network to serve you better

- 300+ Authorised Channel Partners
- 35+ System Integrators



We are also there for you 24 hours:

hager.co.in



Hager Electro Private Limited

Corporate Office:

Office 2A, First Floor
North Court Building
Opposite Joggers Park
Kalyani Nagar
Pune-411006
India

Tel: +91 20 41477500
Fax: +91 20 41477510
Toll free no.: 1800 103 5440
hagerwow@hager.co.in
hager.co.in

Delhi Sales Office:

B 217 Tower B
DLF Towers, Jasola
New Delhi-110025
India

Tel: +91 11 49677500
Fax: +91 11 49677555

Kolkata Sales Office:

Merlin Villa, Third Floor
88A, Hazra Road
Kolkata-700026
India

Tel: +91 33 65002301