

**Energy
distribution
& lighting
control.**

Pricelist

22 / 03 / 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.

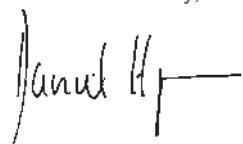
The latest studies indicate that many properties will first have to be adapted to accommodate the solar power systems, energy storage units and intelligent building controls that characterise smart homes. As of 2014, 15.3 million UK homes could benefit from improvements to aid in energy-efficient living 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".

Daniel Hager
Hager Group CEO

Under one roof



:hager

B.
Berker

ELCOM.

DAITEM

diagral

EFEN

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 unmistakeable, explicit and clear brand image tells customers straight away that these products are part of ‘the family’. This is our signature, the Hager DNA, which embodies two central principles.

Friendly, serene, balanced

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



Erwin van Handenhoven
Hager Group Design Director

Ingeniously simple

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

Looking ahead to the future

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

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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.



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VYS12C

SPN distribution boards

Characteristics:

- Single Door: IP30
- Double Door: IP43 & IP54
- Plain & Acrylic doors
- As per IS 8623 - III
- Impact resistance IK09
- Accessories:
 - Wires sets
 - Insulated busbars
 - Insulated IP2X neutral bars & earth bar
 - Blanking plates
 - Cable management kit
 - Circuit identification labels as standard

IP30 Single Door DBs

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
6 way, 6 modules	1	VYS06C	1195
8 way, 8 modules	1	VYS08C	1495
12 way, 12 modules	1	VYS12C	1775
16 way, 16 modules	1	VYS16C	2185
18 way, 18 modules	1	VYS18C	2755



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	1605	VYS04G	2045
6 way, 6 modules	1	VYS06D	1800	VYS06G	2160
8 way, 8 modules	1	VYS08D	1990	VYS08G	2370
12 way, 12 modules	1	VYS12D	2390	VYS12G	2880
16 way, 16 modules	1	VYS16D	3000	VYS16G	3580
18 way, 18 modules	1	VYS18D	3780	VYS18G	4290

IP54 Double Door DBs

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 4 modules	1	VYS04P	5375
6 way, 6 modules	1	VYS06P	5550
8 way, 8 modules	1	VYS08P	6325
12 way, 12 modules	1	VYS12P	7290

- 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	3010
6 way, 4+18 modules	1	VYT06CD	3660
4 way, 8+12 modules	1	VYT04CH	3320
6 way, 8+18 modules	1	VYT06CH	4090
8 way, 8+24 modules	1	VYT08CH	4805
12 way, 8+36 modules	1	VYT12CH	7115

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	3805	-	-
6 way, 4+18 modules	1	▶ VYT06DD	4570	-	-
4 way, 8+12 modules	1	▶ VYT04DH	3960	VYT04GH	5115
6 way, 8+18 modules	1	▶ VYT06DH	4880	VYT06GH	6330
8 way, 8+24 modules	1	▶ VYT08DH	5845	VYT08GH	7585
12 way, 8+36 modules	1	▶ VYT12DH	8765	VYT12GH	11630
16 way, 8+48 modules	1	VYT16DH	10800	VYT16GH	13945



VYT06DH

IP54 Double Door DBs (Incomer + Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 8+12 modules	1	VYT04PH	12855
6 way, 8+18 modules	1	VYT06PH	15485
8 way, 8+24 modules	1	VYT08PH	16925
12 way, 8+36 modules	1	VYT12PH	23815

- 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	7420	▶ VYH04GH	8820
6+2 way, 8+6+18 modules	1	▶ VYH06DH	8820	▶ VYH06GH	10505
8+2 way, 8+6+24 modules	1	▶ VYH08DH	11845	▶ VYH08GH	14525
12+2 way, 8+6+36 modules	1	▶ VYH12DH	14220	▶ VYH12GH	17190



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	8180
8+2 way, 8+6+24 modules	1	▶ VYP08DH	9645
10+2 way, 8+6+30 modules	1	▶ VYP10DH	10005
12+2 way, 8+6+36 modules	1	▶ VYP12DH	10845
16+2 way, 8+6+48 modules	1	▶ VYP16DH	11450
12+2 way, MCCB*+ 6 + 36 modules	1	▶ VYP12DM	10965

- *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.



VYV04DL

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	9755
6 way, 12+18 modules	1	▶ VYV06DL-P	11640
8 way, 12+24 modules	1	▶ VYV08DL-P	12400
12 way, 12+36 modules	1	▶ VYV12DL-P	16620
16 way, 12+48 modules	1	▶ VYV16DL-P	22455

Metering Box

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Ext Box for VTPN DD DB	1	▶ VYV00M	5240

- 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	11685
6 way, MCCB+18 modules	1	▶ VYV06DM-P	13505
8 way, MCCB+24 modules	1	▶ VYV08DM-P	14710
12 way, MCCB+36 modules	1	▶ VYV12DM-P	19595
16 way, MCCB+48 modules	1	▶ VYV16DM-P	23150



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	21640
6 way, MCCB+18 modules	1	▶ VYV06DM2-P	23590
8 way, MCCB+24 modules	1	▶ VYV08DM2-P	25245
12 way, MCCB+36 modules	1	▶ VYV12DM2-P	26680
16 way, MCCB+48 modules	1	▶ VYV16DM2-P	30040

- 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	9360
6 way, 12+12+18 modules	1	VYG06CL	10210
8 way, 12+12+24 modules	1	VYG08CL	10960
12 way, 12+12+36 modules	1	VYG12CL	12600

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	10250	VYG04DM	14760
6 way, 12+12+18 modules	1	► VYG06DL	11555	VYG06DM	16865
8 way, 12+12+24 modules	1	► VYG08DL	12890	VYG08DM	19290
12 way, 12+12+36 modules	1	► VYG12DL	16425	VYG12DM	21995

- *Provision to mount X160 frame H3 MCCB

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



VYC06DH

IP30 Single Door DBs (Incomer+ Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 8+12 modules	1	VYC04CH	12900
6 way, 8+18 modules	1	VYC06CH	13725
8 way, 8+24 modules	1	VYC08CH	15210
12 way, 8+36 modules	1	VYC12CH	16645

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	13670
4 way, 8+12 modules	1	► VYC04DH	13945
6 way, 8+18 modules	1	► VYC06DH	14155
8 way, 8+24 modules	1	► VYC08DH	15190
12 way, 8+36 modules	1	VYC12DH	17085



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 (₹)	Cat. Ref. acrylic door	Unit MRP (₹)
2 row, 28 modules	1	▶ VYF214D	5070	▶ VYF214G	5235
3 row, 42 modules	1	▶ VYF314D	5950	▶ VYF314G	6420
4 row, 56 modules	1	▶ VYF414D	6515	▶ VYF414G	7275
4 row, 64 modules	1	▶ VYF416D	7685	▶ VYF416G	8030



VYM04C

one way enclosures

Characteristics:

- IP30 degree of protection

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
2 way, 2 modules	1	▶ VYM02C	625
4 way, 4 modules	1	▶ VYM04C	625
6 way, 6 modules	1	▶ VYM06C	1055
8 way, 8 modules	1	▶ VYM08C	1055
metal enclosure hinged door, 3 pole, x160 frame MCCB	1	▶ VYM160HM	2070
metal enclosure hinged door, 4 pole, x160 frame MCCB	1	▶ VYM161HM	2070
metal enclosure hinged door, 3 pole, x250 frame MCCB	1	▶ VYM250HM	5690
metal enclosure hinged door, 4 pole, x250 frame MCCB	1	▶ VYM251HM	5690



VYA220C

plug & socket outlets - metal

Characteristics:

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
10A 2 Pin + SC*, 1 modules	1	▶ VYA110C	1310
20A 2 Pin + SC*, 1 modules	1	▶ VYA120C	1405
20A 2 Pin + SC*, 2 modules	1	▶ VYA220C	1530
20A 3 Pin + SC*, 4 modules	1	▶ VYA420C	2595
32A 3 Pin + SC*, 4 modules	1	▶ VYA432C	3085
63A 5 Pin + SC*, 8 modules	1	▶ VYA863C	11430

* 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	2290
32A 3 Pin, 4 modules	1	▶ VYB432C	2475
32A 5 Pin, 8 modules	1	▶ VYB832C	4500
63A 5 Pin, 8 modules	1	▶ VYB863C	11325



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	168	10A 2P+E Metal Socket	VZ140I	175
20A 2P+E Metal Plug	10	►VZ131I	180	20A 2P+E Metal Socket	►VZ141I	199
20A 3P+E Metal Plug	10	►VZ132I	242	20A 3P+E Metal Socket	►VZ142I	266
32A 3P+E Metal Plug	5	►VZ133I	443	32A 3P+E Metal Socket	►VZ143I	443
63A 5P Metal Plug	1	VZ134I	2068	63A 5P Metal Socket	VZ144I	2186

cable end box for novello⁺ DBs**Characteristics:**

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

Description

CEB for SPN DBs	Pack Qty.	Cat. Ref.	Unit MRP (₹)
CEB for 4 way SPN DD DB	1	VYS04E	705
CEB for 6 way SPN DD DB	1	VYS06E	730
CEB for 8 way SPN DD DB	1	VYS08E	810
CEB for 12 way SPN DD DB	1	►VYS12E	915
CEB for 16 way SPN DD DB	1	VYS16E	1290
CEB for 18 way SPN DD DB	1	VYS18E	1345

CEB for TPN DB

CEB for 4 way TPN DD DB	1	►VYT04E	1175
CEB for 6 way TPN DD DB	1	►VYT06E	1290
CEB for 8 way TPN DD DB	1	►VYT08E	2260
CEB for 12 way TPN DD DB	1	VYT12E	3015
CEB for 16 way TPN DD DB	1	VYT16E	3015

CEB for TPN Horizontal PPI DB

CEB for 2 + 4 way Horizontal PPI DD DB	1	VYH04E	1285
CEB for 2 + 6 way Horizontal PPI DD DB	1	VYH06E	2010
CEB for 2 + 8 way Horizontal PPI DD DB	1	VYH08E	2270
CEB for 2 + 12 way Horizontal PPI DD DB	1	VYH12E	2670

CEB for TPN Tier PPI DB

CEB for 2 + 6 way Tier PPI DD DB	1	VYP06E	1010
CEB for 2 + 8 way Tier PPI DD DB	1	VYP08E	1035
CEB for 2 + 10 way Tier PPI DD DB	1	VYP10E	1275
CEB for 2 + 12 way Tier PPI DD DB	1	VYP12E	1875
CEB for 2 + 12 way Tier PPI DD DB (MCCB)	1	VYP12EM	2110

CEB for vertical TPN DB

CEB for Vertical TPN DD DB	1	VYV00E	3185
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CEB for Flexi DB

CEB for 14Mod flexy DB	1	VYF14E	1000
CEB for 16Mod flexy DB	1	VYF16E	1215

Accessories for novello⁺ DBs**Characteristics:**

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Keylock + 2 keys	10	VZ100i	1040
Door handle for novello ⁺	10	VZ101i	455
Neutral link 5 connection	10	VZ110i	115
Neutral link 9 connection	10	VZ111i	160
Neutral link 15 connection	10	VZ112i	210
Neutral link 19 connection	10	VZ113i	250
4 way 8 Segment cover plate - 4 Mod	5	VZ120i	250
8 way 8 Segment cover plate - 4 Mod	5	VZ121i	300
6 way 8 Segment cover plate - 4 Mod	5	VZ122i	350
12 way 8 Segment cover plate - 4 Mod	5	VZ123i	400



VZ100i



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	Cat. Ref.	Unit MRP (₹)
		125A		
3P, 250A (x250/ h250) MCCB incoming * and 3P, 125A (x160 frame size) MCCB outgoings	1	4 way	JN2B0004S16	36520
		6 way	JN2B0006S16	43200
		8 way	JN2B0008S16	46100
		10 way	JN2B0010S16	53100
		12 way	JN2B0012S16	58100
		16 way	JN2B0016S16	67700

400A panel board system

Description	Pack Qty.	No. of ways	Cat. Ref.	Unit MRP (₹)
		125A		
up to 3P, 400A (h400 frame) MCCB incoming # up to 3P, 125A (x160 frame size) MCCB outgoings	1	4 way	JN4B0004S16	43440
		6 way	JN4B0006S16	49970
		8 way	JN4B0008S16	52950
		10 way	JN4B0010S16	59900
		12 way	JN4B0012S16	65100
		16 way	JN4B0016S16	74500



JN4B0008S16

630A/ 800A panel board system

Description	Pack Qty.	No. of ways	No. of ways	Cat. Ref.	Unit MRP (₹)
		125A	250A		
up to 3P, 630A(h630 frame) / 800A MCCB (h1000 frame) incoming ^ up to 3P, 125A (x160) MCCB outgoings	1	/	4 way	JN8B0004S16	70500
		/	6 way	JN8B0006S16	74350
		/	8 way	JN8B0008S16	77200
		/	10 way	JN8B0010S16	91500
		/	12 way	JN8B0012S16	101900
		/	16 way	JN8B0016S16	114900



JN8B0008S16

630A/ 800A panel board system

Description	Pack Qty.	No. of ways	No. of ways	Cat. Ref.	Unit MRP (₹)
		125A	250A		
up to 3P, 630A (h630 frame) / 800A MCCB (h1000 frame) incoming ^ up to 3P, 250A (x250 frame size) MCCB outgoings and up to 3P, 125A (x160 frame size) MCCB outgoings	1	2 way	2 way	JN8B00202S16	74200
		4 way	2 way	JN8B00204S16	78100
		6 way	2 way	JN8B00206S16	82500
		8 way	2 way	JN8B00208S16	96500
		10 way	2 way	JN8B00210S16	107500
		14 way	2 way	JN8B00214S16	121100

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	900
400A 3P MCCB incomer kit	1	JN4L4003MH6	3250
630A 3P MCCB incomer kit	1	JN8L6303MH6	4900
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	2860

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	4960

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	1225
1 row 8 modules (8 way SPN DB)	1	VF108PJ	VF108TJ	1620
1 row 12 modules (12 way SPN DB)	1	VF112PJ	VF112TJ	2055
1 row 18 modules (18 way SPN DB)	1	VF118PJ	VF118TJ	2735
2 row 24 modules (6 way TPN DB)	1	VF212PJ	VF212TJ	3145
2 row 36modules (8 way TPN DB)	1	VF218PJ	VF218TJ	4275
3 row 36 modules (8 way TPN DB)	1	VF312PJ	VF312TJ	4110
4 row 48 modules (12 way TPN DB)	1	VF412PJ	VF412TJ	5030



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	1225
1 row 8 modules (8 way SPN DB)	1	VS108PJ	VS108TJ	1620
1 row 12 modules (12 way SPN DB)	1	VS112PJ	VS112TJ	2055
1 row 18 modules (18 way SPN DB)	1	VS118PJ	VS118TJ	2735
2 row 24 modules (6 way TPN DB)	1	VS212PJ	VS212TJ	3145
2 row 36modules (8 way TPN DB)	1	VS218PJ	VS218TJ	4275
3 row 36 modules (8 way TPN DB)	1	VS312PJ	VS312TJ	4110
4 row 48 modules (12 way TPN DB)	1	VS412PJ	VS412TJ	5030
Key lock	1	VZ794N	VZ794N	530



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	1975
1 row 6 modules	1	▶ VE106L	2460
1 row 10 modules	1	▶ VE110L	3425
1 row 12 modules	1	▶ VE112L	4065
1 row 18 modules	1	▶ VE118L	4835
2 row 24 modules	1	▶ VE212L	5515
2 row 36 modules	1	VE218L	8150
3 row 36 modules	1	VE312L	7460
4 row 48 modules	1	VE412L	10580
3 row 54 modules	1	VE318L	12070
vector IP65 Key lock	1	VZ311	515

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	305
1 pole 1 mod step, 56 mod	50	▶ KD163B	1165
2 pole 2 mod step, 12 mod	50	KDN263A	520
2 pole 2 mod step, 56 mod	20	▶ KD263B	2215
3 pole 3 mod step, 12 mod	50	KDN363A	555
3 pole 3 mod step, 57 mod	20	▶ KD363B	2580
4 pole 4 mod step, 12 mod	25	KDN463A	1155
4 pole 4 mod step, 56 mod	10	▶ KD463B	4595

Prong busbars (for MCBs ML---J)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1 pole 1 step 13 mod - Brown (phase)	1	KB163P	315
1 pole 1 step 13 mod - Blue (neutral)	1	KB163N	315

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	25
for 4 pole fork busbar	10	KZN024	40



KM14N

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
63A din rail mounting neutral link	25	▶ KM14N	295
Terminal connector – 35 sq mm	4	KF83D	165
Modular terminal block 100A SP 1 mod	12	KR50U	425
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.



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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	4915
20A, 3 pole	1	HDA020Z	4915
25A, 3 pole	1	HDA025Z	4915
32A, 3 pole	1	HDA032Z	4915
40A, 3 pole	1	HDA040Z	4915
50A, 3 pole	1	HDA050Z	4915
63A, 3 pole	1	► HDA063Z	4915
80A, 3 pole	1	HDA080Z	4915
100A, 3 pole	1	► HDA100Z	4915
125A, 3 pole	1	► HDA125Z	6085
160A, 3 pole	1	► HDA160Z	6575
16A, 4 pole	1	HDA017Z	5655
20A, 4 pole	1	HDA021Z	5655
25A, 4 pole	1	HDA026Z	5655
32A, 4 pole	1	HDA033Z	5655
40A, 4 pole	1	HDA041Z	5655
50A, 4 pole	1	HDA051Z	5655
63A, 4 pole	1	► HDA064Z	5655
80A, 4 pole	1	HDA081Z	5655
100A, 4 pole	1	► HDA101Z	5655
125A, 4 pole	1	► HDA126Z	6390
160A, 4 pole	1	► HDA161Z	6950



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	6095
20A, 3 pole	1	HHA020Z	6095
25A, 3 pole	1	HHA025Z	6095
32A, 3 pole	1	HHA032Z	6095
40A, 3 pole	1	HHA040Z	6095
50A, 3 pole	1	HHA050Z	6095
63A, 3 pole	1	► HHA063Z	6095
80A, 3 pole	1	HHA080Z	6095
100A, 3 pole	1	► HHA100Z	6095
125A, 3 pole	1	► HHA125Z	8225
160A, 3 pole	1	► HHA160Z	10255
16A, 4 pole	1	HHA017Z	8320
20A, 4 pole	1	HHA021Z	8320
25A, 4 pole	1	HHA026Z	8320
32A, 4 pole	1	HHA033Z	8320
40A, 4 pole	1	HHA041Z	8320
50A, 4 pole	1	HHA051Z	8320
63A, 4 pole	1	► HHA064Z	8320
80A, 4 pole	1	HHA081Z	8320
100A, 4 pole	1	► HHA101Z	8320
125A, 4 pole	1	► HHA126Z	10635
160A, 4 pole	1	► HHA161Z	12895



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	5535
40A, 3 pole	1	HDA040U	5535
63A, 3 pole	1	► HDA063U	5535
80A, 3 pole	1	HDA080U	5535
100A, 3 pole	1	► HDA100U	5535
125A, 3 pole	1	► HDA125U	6585
160A, 3 pole	1	► HDA160U	7625

25A, 4 pole	1	HDA026U	6380
40A, 4 pole	1	HDA041U	6380
63A, 4 pole	1	► HDA064U	6380
80A, 4 pole	1	HDA081U	6380
100A, 4 pole	1	► HDA101U	6380
125A, 4 pole	1	► HDA126U	7680
160A, 4 pole	1	► HDA161U	8550



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	6950
40A, 3 pole	1	HHA040U	6950
63A, 3 pole	1	► HHA063U	6950
80A, 3 pole	1	HHA080U	6950
100A, 3 pole	1	► HHA100U	6950
125A, 3 pole	1	► HHA125U	8480
160A, 3 pole	1	► HHA160U	10440

25A, 4 pole	1	HHA026U	9395
40A, 4 pole	1	HHA041U	9395
63A, 4 pole	1	► HHA064U	9395
80A, 4 pole	1	HHA081U	9395
100A, 4 pole	1	► HHA101U	9395
125A, 4 pole	1	► HHA126U	11060
160A, 4 pole	1	► HHA161U	13525



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	8600
40A, 3 pole	1	HNA040U	8600
63A, 3 pole	1	HNA063U	8600
80A, 3 pole	1	HNA080U	8600
100A, 3 pole	1	► HNA100U	8600
125A, 3 pole	1	► HNA125U	10315
160A, 3 pole	1	► HNA160U	12895

25A, 4 pole	1	HNA026U	11430
40A, 4 pole	1	HNA041U	11430
63A, 4 pole	1	HNA064U	11430
80A, 4 pole	1	HNA081U	11430
100A, 4 pole	1	► HNA101U	11430
125A, 4 pole	1	► HNA126U	12395
160A, 4 pole	1	► HNA161U	14750



HNB100U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
200A, 3 pole	1	▶ HHB200Z	12595
250A, 3 pole	1	▶ HHB250Z	15730
200A, 4 pole	1	▶ HHB201Z	13095
250A, 4 pole	1	▶ HHB251Z	17095

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	9590
125A, 3 pole	1	HNB125U	10695
160A, 3 pole	1	HNB160U	14135
200A, 3 pole	1	▶ HNB200U	15005
250A, 3 pole	1	▶ HNB250U	20220
100A, 4 pole	1	HNB101U	12290
125A, 4 pole	1	HNB126U	12905
160A, 4 pole	1	HNB161U	16275
200A, 4 pole	1	▶ HNB201U	21750
250A, 4 pole	1	▶ HNB251U	24330

X250 frame MCCB

Over load adjustable 0.63 to 1 x In

short circuit adjustable 6-8-10-13 x In



HHG250U

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
63A, 25kA, 3 pole	1	HHG063U	9090
100A, 25kA, 3 pole	1	HHG100U	9090
125A, 25kA, 3 pole	1	HHG125U	11445
160A, 25kA, 3 pole	1	HHG160U	14810
200A, 25kA, 3 pole	1	HHG200U	17500
250A, 25kA, 3 pole	1	HHG250U	20860
63A, 50kA, 3 pole	1	HNG063U	10900
100A, 50kA, 3 pole	1	HNG100U	10900
125A, 50kA, 3 pole	1	HNG125U	12790
160A, 50kA, 3 pole	1	HNG160U	17500
200A, 50kA, 3 pole	1	HNG200U	24110
250A, 50kA, 3 pole	1	HNG250U	24500
200A, 65kA, 3 pole	1	HEG200U	28270
250A, 65kA, 3 pole	1	HEG250U	29620

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
250A, 50kA, 4 pole	1	HND251U	28935
400A, 25kA, 3 pole	1	HHD400U	32845
400A, 50kA, 3 pole	1	▶ HND400U	35675
400A, 50kA, 4 pole	1	▶ HND401U	40395
400A, 70kA, 3 pole	1	HED400H	44415
630A, 50kA, 3 pole	1	▶ HND630H	41730
630A, 70kA, 3 pole	1	HED630H	51145



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 x I_r

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 50kA, 3 pole	1	HNC040H	21955
125A, 50kA, 3 pole	1	HNC125H	28295
250A, 50kA, 3 pole	1	HNC250H	32995
40A, 50kA, 4 pole	1	HNC041H	28270
125A, 50kA, 4 pole	1	HNC126H	34310
250A, 50kA, 4 pole	1	HNC251H	44730
40A, 70kA, 3 pole	1	HEC040H	25980
125A, 70kA, 3 pole	1	HEC125H	30835
250A, 70kA, 3 pole	1	HEC250H	37695
40A, 70kA, 4 pole	1	HEC041H	34310
125A, 70kA, 4 pole	1	HEC126H	36360
250A, 70kA, 4 pole	1	HEC251H	47120



HEE970H

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
400A, 50kA, 3 pole	1	HND400H	39725
400A, 50kA, 4 pole	1	HND401H	46445
630A, 50kA, 4 pole	1	HND631H	49810
400A, 70kA, 4 pole	1	HED401H	53845
630A, 70kA, 4 pole	1	HED631H	59235

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
630A, 50kA, 3 pole	1	HNE630H	45090
800A, 50kA, 3 pole	1	HNE800H	67255
1000A, 50kA, 3 pole	1	HNE970H	79440
800A, 50kA, 4 pole	1	HNE801H	83500
1000A, 50kA, 4 pole	1	HNE971H	105580
800A, 70kA, 3 pole	1	HEE800H	87500
1000A, 70kA, 3 pole	1	HEE970H	110405
800A, 70kA, 4 pole	1	HEE801H	110405
1000A, 70kA, 4 pole	1	HEE971H	148475



HNF990H

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1250A, 50kA, 3 pole	1	HNF980H	110405
1600A, 50kA, 3 pole	1	HNF990H	151020
1250A, 50kA, 4 pole	1	HNF981H	140865
1600A, 50kA, 4 pole	1	HNF991H	161805
1250A, 70kA, 3 pole	1	HEF980H	141245
1600A, 70kA, 3 pole	1	HEF990H	165610
1250A, 70kA, 4 pole	1	HEF981H	173855
1600A, 70kA, 4 pole	1	HEF991H	201775



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	9160
160A, 3 pole	1	HCA160Z	9630
125A, 4 pole	1	HCA126Z	10930
160A, 4 pole	1	HCA161Z	11760

X250 frame MCCB

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
250A, 3 pole	1	HCB250Z	11230
250A, 4 pole	1	HCB251Z	13120

H630 frame MCCB

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
400A, 3 pole	1	HCD400H	19980
630A, 3 pole	1	HCD630H	21160
400A, 4 pole	1	HCD401H	26000
630A, 4 pole	1	HCD631H	27775

H1000 frame MCCB

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
800A, 3 pole	1	HCE800H	46680
1000A, 3 pole	1	HCE970H	49045
800A, 4 pole	1	HCE801H	54955
1000A, 4 pole	1	HCE971H	60865

H1600 frame MCCB

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1250A, 3 pole	1	HCF980H	67015
1600A, 3 pole	1	HCF990H	70025
1250A, 4 pole	1	HCF981H	79435
1600A, 4 pole	1	HCF991H	82960



HCB250Z



HXA021H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
X160 Frame MCCB			
Auxiliary Contact	1	► HXA021H	1070
Alarm Contact	1	► HXA024H	1070
Shunt 24V DC	1	HXA001H	2200
Shunt 230V AC	1	HXA004H	2200
UnderVoltage - 24V DC	1	HXA011H	2660
UnderVoltage - 240V AC	1	► HXA014H	2660
UnderVoltage - 415V AC	1	HXA015H	2660
Direct Rotary Handle	1	► HXA030H	1335
Extended Rotary Handle	1	► HXA031H	1870
Handle locking device	1	HXA039H	1030
Spreaders - 3P	1	► HYA014H	510
Speaders - 4P	1	► HYA015H	690
Phase barriers - 3P / 4P	1	HYB019H	200
DIN Rail Adaptor	1	HYA033H	375



HXA030H

Auxiliary Contact	1	► HXA021H	1070
Alarm Contact	1	► HXA024H	1070
Shunt 24V DC	1	HXA001H	2200
Shunt 230V AC	1	HXA004H	2200
UnderVoltage - 24V DC	1	HXA011H	2660
UnderVoltage - 240V AC	1	► HXA014H	2660
UnderVoltage - 415V AC	1	HXA015H	2660
Direct Rotary Handle	1	► HXB030H	1395
Extended Rotary Handle	1	► HXB031H	2080
Motor Operator 240VAC	1	HXB042H	21515
Spreaders - 3P	1	► HYB011H	585
Speaders - 4P	1	► HYB012H	795
Phase barriers - 3P / 4P	1	HYB019H	200
Mechanical Interlock	1	HXB065H	12085



HXA031H

Auxiliary Contact	1	HXC021H	1130
Alarm Contact	1	HXC024H	1130
Shunt 24V DC	1	HXC001H	2335
Shunt 230V AC	1	HXC004H	2335
UnderVoltage - 24V DC	1	HXC011H	2660
UnderVoltage - 240V AC	1	HXC014H	2660
UnderVoltage - 415V AC	1	HXC015H	2660
Direct Rotary Handle	1	HXC030H	1935
Extended Rotary Handle	1	HXC031H	2060
Handle locking device	1	HXC039H	1210
Motor Operator 240VAC	1	HXC042H	22360
Spreaders - 3P	1	► HYC011H	640
Speaders - 4P	1	► HYB012H	795
Mechanical Interlock	1	HXC065H	12085



HYD015H

Auxiliary Contact	1	HXC021H	1130
Alarm Contact	1	HXC024H	1130
Shunt 24V DC	1	HXC001H	2335
Shunt 230V AC	1	HXC004H	2335
UnderVoltage - 24V DC	1	HXC011H	2660
UnderVoltage - 240V AC	1	HXC014H	2660
UnderVoltage - 415V AC	1	HXC015H	2660
Direct Rotary Handle	1	HXD030H	2265
Extended Rotary Handle	1	► HXD031H	2795
Handle locking device	1	HXD039H	1570
Motor Operator 240VAC	1	HXD042H	27150
Spreaders - 3P (Upto 400A)	1	► HYD011H	1315
Speaders - 4P (Upto 400A)	1	► HYD012H	1570
Spreaders - 3P (Upto 630A)	1	► HYD014H	1335
Speaders - 4P (Upto 630A)	1	► HYD015H	1600
Mechanical Interlock		HXD065H	42910



HXC021H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
H1000 Frame MCCB			
Auxiliary Contact	1	HXC021H	1130
Alarm Contact	1	HXC024H	1130
Shunt 24V DC	1	HXC001H	2335
Shunt 230V AC	1	HXC004H	2335
UnderVoltage - 24V DC	1	HXE011H	2795
UnderVoltage - 240V AC	1	HXE014H	2795
UnderVoltage - 415V AC	1	HXE015H	2795
Direct Rotary Handle	1	HXE030H	3335
Extended Rotary Handle	1	HXE031H	4800
Motor Operator 240VAC	1	HXE042H	42305
Mechanical Interlock	1	HXE065H	99720



HXE014H

Auxiliary Contact	1	HXC021H	1130
Alarm Contact	1	HXC024H	1130
Shunt 24V DC	1	HXF001H	2335
Shunt 230V AC	1	HXF004H	2335
UnderVoltage - 24V DC	1	HXE011H	2795
UnderVoltage - 240V AC	1	HXE014H	2795
UnderVoltage - 415V AC	1	HXE015H	2795
Direct Rotary Handle	1	HXF030H	3335
Extended Rotary Handle	1	HXF031H	5595
Handle locking device	1	HXF039H	1810
Motor Operator 240V AC	1	HXF042H	54390



HBA161H

"ldn=300mA fixed sensitivity instantaneous tripping", 125A, 3 Pole	1	HBA127H	15110
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 3 Pole	1	HBA125H	17525
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 3 Pole	1	HBA160H	18735
"ldn=300 mA fixed sensitivity instantaneous tripping", 125A, 4 Pole	1	HBA128H	15715
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 4 Pole	1	HBA126H	18130
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 4 Pole	1	HBA161H	19340

X250 Frame MCCB			
Adjustable sensitivity till 6A, Adjustable tripping 1s, 250A, 4 Pole	1	HBB251H	23575



HBB251H

H630 Frame MCCB			
Adjustable sensitivity till 6A, Adjustable tripping 1s, 400A, 4 Pole	1	HBD401H	45930
Adjustable sensitivity till 6A, Adjustable tripping 1s, 500A, 4 Pole	1	HBD631H	50770



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

HI451I



Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
63A	1	► HI403I	4870
100A	1	► HI405I	6440
125A	1	► HI451I	9700
160A	1	► HI452I	10600
250A	1	► HI454I	18450
400A	1	► HI456I	28450
630A	1	HI458I	33500
800A	1	HI460I	50150
1250A	1	HI462I	120500
1600A	1	HI464I	166500

* includes bridging bars & external handle

HZC101I



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		HZC105I	#
for HI 800 to 1600A, 320mm		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		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

HZC204I



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

YVE63M

Description	Pack Qty.	Rating	Cat. Ref.	Unit MRP (₹)
63A FP MCOS Hinged Door Box	1	63A	► VYE63M	7090
100A FP MCOS Hinged Door Box	1	100A	► VYE100M	9030
125A FP MCOS Hinged Door Box	1	125A	► VYE125M	13420
160A FP MCOS Hinged Door Box	1	160A	► VYE160M	14710
250A FP MCOS Hinged Door Box	1	250A	VYE250M	23625
400A FP MCOS Hinged Door Box	1	400A	VYE400M	36150
630A FP MCOS Hinged Door Box	1	630A	VYE630M	41895
800A FP MCOS Hinged Door Box	1	800A	VYE800M	62160
1250A FP MCOS Hinged Door Box	1	1250A	VYE1250M	152260
1600A FP MCOS Hinged Door Box	1	1600A	VYE1600M	203175



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



HZI811I

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

Automatic Transfer Relays

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
125A	1	► HIB412I	54350
160A	1	► HIB416I	62750
250A	1	► HIB425I	78350
400A	1	HIB440I	96450
630A	1	HIB463I	126550
800A	1	HIB480I	178850
1000A	1	HIB490I	188650
1250A	1	HIB491I	223350
1600A	1	HIB492I	292950

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	#



HZI910I

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



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	1975
Mains 30A, Genset 2.5A	1	▶ EKS302B	1975
Mains 30A, Genset 3A	1	▶ EKS303B	1975
Mains 30A, Genset 4A	1	▶ EKS304B	1975
Mains 30A, Genset 5A	1	▶ EKS305B	1975
Mains 30A, Genset 6A	1	▶ EKS306B	1975
Mains 30A, Genset 9A	1	▶ EKS309B	1975
Mains 30A, Genset 12A	1	EKS312B	1975
Mains 30A, Genset 15A	1	EKS315B	1975
Mains 30A, Genset 20A	1	▶ EKS320B	1975
Mains 30A, Genset 30A	1	▶ EKS330B	1975



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	10500
Mains 40A, Genset 10A	1	EKT410SG	10500
Mains 40A, Genset 16A	1	EKT416SG	10500
Mains 40A, Genset 20A	1	EKT420SG	10500
Mains 40A, Genset 25A	1	EKT425SG	10500
Mains 40A, Genset 30A	1	EKT430SG	10500
Mains 63A, Genset 6A	1	EKT606SG	15500
Mains 63A, Genset 10A	1	EKT610SG	15500
Mains 63A, Genset 16A	1	EKT616SG	15500
Mains 63A, Genset 20A	1	EKT620SG	15500
Mains 63A, Genset 25A	1	EKT625SG	15500
Mains 63A, Genset 30A	1	EKT630SG	15500
Mains 63A, Genset 40A	1	EKT640SG	15500

TPN / TPN

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 6A	1	EKT406TG	11000
Mains 40A, Genset 10A	1	EKT410TG	11000
Mains 40A, Genset 16A	1	EKT416TG	11000
Mains 40A, Genset 20A	1	EKT420TG	11000
Mains 40A, Genset 25A	1	EKT425TG	11000
Mains 40A, Genset 30A	1	EKT430TG	11000
Mains 63A, Genset 6A	1	EKT606TG	16000
Mains 63A, Genset 10A	1	EKT610TG	16000
Mains 63A, Genset 16A	1	EKT616TG	16000
Mains 63A, Genset 20A	1	EKT620TG	16000
Mains 63A, Genset 25A	1	EKT625TG	16000
Mains 63A, Genset 30A	1	EKT630TG	16000
Mains 63A, Genset 40A	1	EKT640TG	16000

TPN / TPN (without current limiting)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 40A	1	▶ EKT440TG	11000
Mains 63A, Genset 63A	1	▶ EKT663TG	26500



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
- 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	420
1A, 1 module	12	-	-	NCN101N	420
2A, 1 module	12	-	-	► NCN102N	420
3A, 1 module	12	-	-	► NCN103N	420
4A, 1 module	12	-	-	► NCN104N	420
6A, 1 module	12	NBN106N	280	► NCN106N	275
10A, 1 module	12	NBN110N	280	► NCN110N	275
16A, 1 module	12	NBN116N	280	► NCN116N	275
20A, 1 module	12	NBN120N	280	► NCN120N	275
25A, 1 module	12	NBN125N	280	► NCN125N	275
32A, 1 module	12	NBN132N	280	► NCN132N	275
40A, 1 module	12	NBN140N	600	► NCN140N	600
50A, 1 module	12	NBN150N	600	► NCN150N	600
63A, 1 module	12	NBN163N	600	► NCN163N	600
Double Pole					
0.5A, 2 module	6	-	-	NCN200N	1140
1A, 2 module	6	-	-	NCN201N	1140
2A, 2 module	6	-	-	► NCN202N	1140
3A, 2 module	6	-	-	► NCN203N	1140
4A, 2 module	6	-	-	► NCN204N	1140
6A, 2 module	6	NBN206N	820	► NCN206N	820
10A, 2 module	6	NBN210N	820	► NCN210N	820
16A, 2 module	6	NBN216N	820	► NCN216N	820
20A, 2 module	6	NBN220N	820	► NCN220N	820
25A, 2 module	6	NBN225N	820	► NCN225N	820
32A, 2 module	6	NBN232N	820	► NCN232N	820
40A, 2 module	6	NBN240N	1320	► NCN240N	1320
50A, 2 module	6	NBN250N	1320	► NCN250N	1320
63A, 2 module	6	NBN263N	1320	► NCN263N	1320
Triple Pole					
0.5A, 3 modules	4	-	-	NCN300N	1765
1A, 3 modules	4	-	-	NCN301N	1765
2A, 3 modules	4	-	-	► NCN302N	1765
3A, 3 modules	4	-	-	► NCN303N	1765
4A, 3 modules	4	-	-	► NCN304N	1765
6A, 3 modules	4	NBN306N	1335	► NCN306N	1335
10A, 3 modules	4	NBN310N	1335	► NCN310N	1335
16A, 3 modules	4	NBN316N	1335	► NCN316N	1335
20A, 3 modules	4	NBN320N	1335	► NCN320N	1335
25A, 3 modules	4	NBN325N	1335	► NCN325N	1335
32A, 3 modules	4	NBN332N	1335	► NCN332N	1335
40A, 3 modules	4	NBN340N	2040	► NCN340N	2040
50A, 3 modules	4	NBN350N	2040	► NCN350N	2040
63A, 3 modules	4	NBN363N	2040	► NCN363N	2040
Four Pole					
0.5A, 4 modules	3	-	-	NCN400N	2215
1A, 4 modules	3	-	-	NCN401N	2215
2A, 4 modules	3	-	-	► NCN402N	2215
3A, 4 modules	3	-	-	► NCN403N	2215
4A, 4 modules	3	-	-	► NCN404N	2215
6A, 4 modules	3	NBN406N	1800	► NCN406N	1800
10A, 4 modules	3	NBN410N	1800	► NCN410N	1800
16A, 4 modules	3	NBN416N	1800	► NCN416N	1800
20A, 4 modules	3	NBN420N	1800	► NCN420N	1800
25A, 4 modules	3	NBN425N	1800	► NCN425N	1800
32A, 4 modules	3	NBN432N	1800	► NCN432N	1800
40A, 4 modules	3	NBN440N	2470	► NCN440N	2470
50A, 4 modules	3	NBN450N	2470	► NCN450N	2470
63A, 4 modules	3	NBN463N	2470	► NCN463N	2470



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	425
1A, 1 module	12	NDN101N	425
2A, 1 module	12	NDN102N	425
3A, 1 module	12	NDN103N	425
4A, 1 module	12	NDN104N	425
6A, 1 module	12	▶ NDN106N	355
10A, 1 module	12	▶ NDN110N	355
16A, 1 module	12	▶ NDN116N	355
20A, 1 module	12	▶ NDN120N	355
25A, 1 module	12	▶ NDN125N	355
32A, 1 module	12	▶ NDN132N	355
40A, 1 module	12	NDN140N	640
50A, 1 module	12	NDN150N	640
63A, 1 module	12	NDN163N	640
Double Pole			
0.5A, 2 modules	6	NDN200N	1145
1A, 2 modules	6	NDN201N	1145
2A, 2 modules	6	NDN202N	1145
3A, 2 modules	6	NDN203N	1145
4A, 2 modules	6	NDN204N	1145
6A, 2 modules	6	▶ NDN206N	850
10A, 2 modules	6	▶ NDN210N	850
16A, 2 modules	6	▶ NDN216N	850
20A, 2 modules	6	▶ NDN220N	850
25A, 2 modules	6	▶ NDN225N	850
32A, 2 modules	6	▶ NDN232N	850
40A, 2 modules	6	▶ NDN240N	1380
50A, 2 modules	6	NDN250N	1380
63A, 2 modules	6	▶ NDN263N	1380
Triple Pole			
0.5A, 3 modules	4	NDN300N	1770
1A, 3 modules	4	NDN301N	1770
2A, 3 modules	4	NDN302N	1770
3A, 3 modules	4	NDN303N	1770
4A, 3 modules	4	NDN304N	1770
6A, 3 modules	4	NDN306N	1395
10A, 3 modules	4	NDN310N	1395
16A, 3 modules	4	▶ NDN316N	1395
20A, 3 modules	4	▶ NDN320N	1395
25A, 3 modules	4	▶ NDN325N	1395
32A, 3 modules	4	▶ NDN332N	1395
40A, 3 modules	4	▶ NDN340N	2145
50A, 3 modules	4	NDN350N	2145
63A, 3 modules	4	▶ NDN363N	2145
Four Pole			
0.5A, 4 modules	3	NDN400N	2215
1A, 4 modules	3	NDN401N	2215
2A, 4 modules	3	NDN402N	2215
3A, 4 modules	3	NDN403N	2215
4A, 4 modules	3	NDN404N	2215
6A, 4 modules	3	NDN406N	1855
10A, 4 modules	3	NDN410N	1855
16A, 4 modules	3	NDN416N	1855
20A, 4 modules	3	NDN420N	1855
25A, 4 modules	3	NDN425N	1855
32A, 4 modules	3	▶ NDN432N	1855
40A, 4 modules	3	▶ NDN440N	2675
50A, 4 modules	3	NDN450N	2675
63A, 4 modules	3	▶ NDN463N	2675



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	2180
100A, 1.5 modules	1	▶ HLF190S	2445
125A, 1.5 modules	1	▶ HLF199S	2640
Double Pole			
80A, 3 modules	1	▶ HLF280S	4835
100A, 3 modules	1	▶ HLF290S	5155
125A, 3 modules	1	▶ HLF299S	5670
Triple Pole			
80A, 4.5 modules	1	▶ HLF380S	7615
100A, 4.5 modules	1	▶ HLF390S	8115
125A, 4.5 modules	1	▶ HLF399S	9010
Four Pole			
80A, 6 modules	1	▶ HLF480S	9920
100A, 6 modules	1	▶ HLF490S	10345
125A, 6 modules	1	▶ HLF499S	11700

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	790
10A, 1 module	1	ML510J	790
16A, 1 module	1	ML516J	790
20A, 1 module	1	ML520J	790
25A, 1 module	1	ML525J	790
32A, 1 module	1	ML532J	790
40A, 1 module	1	ML540J	1270

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	805
Trip alarm contact (1NO + 1NC), 0.5 module (For MCBs only)	1	▶ MZ202	950
Shunt trip 230V AC, 1 module	1	▶ MZ203	2205
Shunt trip 12-48V DC, 1 module	1	▶ MZ204	2205
Undervoltage release, 48V DC ,1 module	1	▶ MZ205	1925
Undervoltage release, 230V AC, 1 module	1	▶ MZ206	1925
Locking kit	2	▶ MZN175	530
Auxiliary + alarm switch (for RCCB), 1 module	1	▶ CZ001	1565
Overvoltage release, 230V AC, Uc > 280V, 1 module	1	▶ MZ209	2385
Overvoltage + Low voltage release, 230V AC, 60V AC < U < 170V AC, U > 267V AC, 1 module	1	▶ MZ215	3235
Overvoltage release, 230V AC, U > 275 V AC, 3 phase in 1 module Suitable for 3Ph+N	1	▶ MZ216	4450

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	5375
25A, 2 modules	1	10 mA	CC225Y	6155
	1	30 mA	CD225Y	2915
	1	100 mA	CE225Y	3145
	1	300 mA	CF225Y	3200
40A, 2 modules	1	30 mA	CD240Y	3420
	1	100 mA	CE240Y	3645
	1	300 mA	CF240Y	3725
63A, 2 modules	1	30 mA	CD263Y	4080
	1	100 mA	CE263Y	4330
	1	300 mA	CF263Y	4360
100A, 2 modules	1	30 mA	CD284Y	6995
	1	100 mA	CE284Y	6995



CD440Y

Four Pole

Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
Four Pole				
25A, 4 modules	1	30 mA	CD425Y	4015
	1	100 mA	CE425Y	4170
	1	300 mA	CF425Y	4265
40A, 4 modules	1	30 mA	CD440Y	3970
	1	100 mA	CE440Y	4190
	1	300 mA	CF440Y	4330
63A, 4 modules	1	30 mA	CD463Y	4605
	1	100 mA	CE463Y	4950
	1	300 mA	CF463Y	4950
100A, 4 modules	1	30 mA	CD484Y	8035
	1	100 mA	CE484Y	8035
	1	300 mA	CF484Y	8035



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	6105
	1	300 mA	CQ225J	6220
40A, 2 modules	1	30 mA	CH240J	6410
	1	300 mA	CQ240J	6450
63A, 2 modules	1	30 mA	CH263J	6595
	1	300 mA	CQ263J	6785



CH440J

Four Pole

Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
Four Pole				
25A, 4 modules	1	30 mA	CH425J	6840
	1	300 mA	CQ425J	6920
40A, 4 modules	1	30 mA	CH440J	7085
	1	300 mA	CQ440J	7205
63A, 4 modules	1	30 mA	CH463J	7270
	1	300 mA	CQ463J	7430



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	4230
	1	100mA	► AE956Y	4480
	1	300 mA	► AF956Y	4355
10A, 2 modules	1	30 mA	► AD960Y	4230
	1	100mA	► AE960Y	4480
	1	300 mA	► AF960Y	4355
16A, 2 modules	1	30 mA	► AD966Y	4230
	1	100 mA	► AE966Y	4480
	1	300 mA	► AF966Y	4355
20A, 2 modules	1	30 mA	► AD970Y	4230
	1	100 mA	► AE970Y	4480
	1	300 mA	► AF970Y	4355
25A, 2 modules	1	30 mA	► AD975Y	4230
	1	100mA	► AE975Y	4480
	1	300 mA	► AF975Y	4355
32A, 2 modules	1	30 mA	► AD982Y	4435
	1	100mA	► AE982Y	4600
	1	300 mA	► AF982Y	4575
40A, 2 modules	1	30 mA	► AD990Y	5470
	1	100mA	► AE990Y	5590
	1	300 mA	► AF990Y	5400



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	8005
	1	300 mA	► AFH956	8480
10A, 2 modules	1	30 mA	► ADH960	8005
	1	300 mA	► AFH960	8480
16A, 2 modules	1	30 mA	► ADH966	8005
	1	300 mA	► AFH966	8480
20A, 2 modules	1	30 mA	► ADH970	8005
	1	300 mA	► AFH970	8480
25A, 2 modules	1	30 mA	► ADH975	8005
	1	300 mA	► AFH975	8480
32A, 2 modules	1	30 mA	► ADH982	8405
40A, 2 modules	1	30 mA	► ADH990	9965



AD263Y

RCBO, RCD+MCB modules

Characteristics:

- Conforms to IEC 61009
- Breaking capacity 10kA
- ISI Marked

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

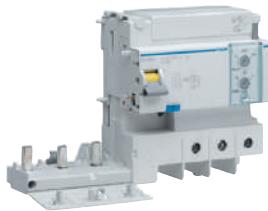
Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
Double Pole				
6A, 4 modules	1	30 mA	► AD206Y	3560
	1	100 mA	► AE206Y	4410
10A, 4 modules	1	30 mA	► AD210Y	3560
	1	100 mA	► AE210Y	4410
16A, 4 modules	1	30 mA	► AD216Y	3560
	1	100 mA	► AE216Y	4410
	1	300 mA	► AF216Y	4375
25A, 4 modules	1	30 mA	► AD225Y	3560
	1	100 mA	► AE225Y	4410
	1	300 mA	► AF225Y	4375
32A, 4 modules	1	30 mA	► AD232Y	3805
	1	100 mA	► AE232Y	4410
	1	300 mA	► AF232Y	4375
40A, 4 modules	1	30 mA	► AD240Y	4495
	1	100 mA	► AE240Y	4915
	1	300 mA	► AF240Y	5000
63A, 4 modules	1	30 mA	► AD263Y	5370
	1	100 mA	► AE263Y	5680
	1	300 mA	► AF263Y	5735



AD463Y

Four Pole

16A, 7.5 modules	1	30 mA	► AD416Y	4855
	1	100 mA	► AE416Y	5425
	1	300 mA	► AF416Y	5540
25A, 7.5 modules	1	30 mA	► AD425Y	4855
	1	100 mA	► AE425Y	5195
	1	300 mA	► AF425Y	5350
32A, 7.5 modules	1	30 mA	► AD432Y	5015
	1	100 mA	► AE432Y	5250
	1	300 mA	► AF432Y	5350
40A, 7.5 modules	1	30 mA	► AD440Y	5090
	1	100 mA	► AE440Y	5400
	1	300 mA	► AF440Y	5460
63A, 7.5 modules	1	30 mA	► AD463Y	6025
	1	100 mA	► AE463Y	6135
	1	300 mA	► AF463Y	6135



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

BTC480E


Description
Pack Qty.
Cat. Ref.
Unit MRP (₹)
3P Type AC

125A, 30mA, instantaneous trip, 6 modules
125A, adjustable sensitivity – 300/500mA/1A,
6 modules Trip time – Inst, 60 msec, 150 msec

BDC380E

11715

BTC380E

12590

4P Type AC

125A, 30mA, instantaneous trip, 6 modules
125A, 300mA, instantaneous trip, 6 modules
125A, adjustable sensitivity – 300/500mA/1A,
6 modules, Trip time – Inst, 60 msec, 150 msec

BDC480E

13195

BFC480E

12680

BTC480E

14065

3P Type Hi

125A, 30mA, instantaneous trip, 6 modules
125A, adjustable sensitivity – 300/500mA/1A,
6 modules, Trip time – Inst, 60 msec, 150 msec

BDH380E

14055

BTH380E

17130

4P Type Hi

125A, 30mA, instantaneous trip, 6 modules
125A, 300mA, instantaneous trip, 6 modules
125A, adjustable sensitivity – 300/500mA/1A,
6 modules, Trip time – Inst, 60 msec, 150 msec

BDH480E

15860

BFH480E

16785

BTH480E

18965

BTH380E



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

HR510

Description
Pack Qty.
Cat. Ref.
Unit MRP (₹)

Instant trip, fixed sensitivity 30mA, 1 module

HR500

11075

Instant trip, fixed sensitivity 300mA, 1 module

HR502

11210

Adjustable trip time delay

1

HR510

13055

(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

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.

HR741

6725

Circular section torroid 70mm dia.

HR742

7575

Circular section torroid 105mm dia.

HR743

9315

Circular section torroid 140mm dia.

HR744

20725

Circular section torroid 210mm dia.

HR745

30370



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 Disconnector 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	1460
vector IP65 enclosures 1 row 6 modules	1	VE106PN	2215
vector IP65 enclosures 1 row 10 modules	1	VE110PN	3090
vector IP65 enclosures 1 row 12 modules	1	VE112PN	4030
vector IP65 enclosures 1 row 18 modules	1	VE118PN	5595
vector IP65 enclosures 2 row 24 modules	1	VE212PN	6245
vector IP65 enclosures 2 row 36 modules	1	VE218PN	8200
vector IP65 enclosures 3 row 36 modules	1	VE312PN	8405
vector IP65 enclosures 3 row 54 modules	1	VE318PN	11195
vector IP65 enclosures 4 row 48 modules	1	VE412PN	10745
cable gland, M16	1	VZ016M	45
cable gland, M20	1	VZ020M	70
cable gland, M25	1	VZ025M	80
cable gland, M32	1	VZ032M	120
cable gland, M40	1	VZ040M	295
ventilated cable gland, M20	1	VZ020D	755
ventilated cable gland, M25	1	VZ025D	1060
ventilated cable gland, M32	1	VZ032D	1475
Photovoltaic DIN rail terminal 10mm 1000V DC	1	KXN10LH	175
Closing plate for KXN10LH	1	KW10LH	40
Surge protection device Ucpv > 1000V DC, 25 kA, class II with end life indicator	1	SPV325	7785
Earth cartridge for SPV325	1	SPV025E	1860
Polarized +/- cartridge for SPV325	1	SPV025	3000
PV cartridge fuses 1A, 1000V DC	10	LF301PV	335
PV cartridge fuses 2A, 1000V DC	10	LF302PV	335
PV cartridge fuses 3A, 1000V DC	10	LF303PV	335
PV cartridge fuses 4A, 1000V DC	10	LF304PV	335
PV cartridge fuses 5A, 1000V DC	10	LF305PV	335
PV cartridge fuses 6A, 1000V DC	10	LF306PV	335
PV cartridge fuses 8A, 1000V DC	10	LF308PV	335
PV cartridge fuses 10A, 1000V DC	10	LF310PV	335
PV cartridge fuses 12A, 1000V DC	10	LF312PV	555
PV cartridge fuses 15A, 1000V DC	10	LF315PV	555
PV cartridge fuses 16A, 1000V DC	10	LF316PV	555
PV cartridge fuses 20A, 1000V DC	10	LF320PV	660
PV cartridge fuses 25A, 600V DC	10	LF325PV	660
PV cartridge fuses 32A, 600V DC	10	LF332PV	660
Photovoltaic fuse carrier 32A, single pole, 1000V DC 12		L501PV	600
Photovoltaic fuse carrier 32A, double pole, 1000V DC	6	L502PV	740
DC Switch disconnectors 32A, 1000 V DC 4 poles	1	SB432PV	10135



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 6	Single Pole Double Pole	▶ LS501 ▶ LS502	225 425
L51 fuse carriers 690V - 32A	1 1	Single Pole Double Pole	▶ LS601 ▶ LS602	935 1940



LF302G

HRC cartridge fuses - gG type

Description	Pack Qty.	Characteristics	Amp Rating	Cat. Ref.	Unit MRP (₹)
Cartridge fuses type gG 10 x 38 mm breaking capacity: 120kA	10	500 V AC	1A	▶ LF301G	45
	10		2A	▶ LF302G	45
	10		4A	▶ LF304G	45
	10		6A	▶ LF306G	45
	10		8A	▶ LF308G	45
	10		10A	▶ LF310G	45
	10		12A	▶ LF312G	45
	10		16A	▶ LF316G	45
	10		20A	▶ LF320G	45
	10		25A	▶ LF325G	50
	10	400 V AC	32A	▶ LF332G	55
Cartridge fuses type gG 14 x 51 mm breaking capacity: 2 to 25A : 80kA 32 to 50A : 120kA	10	690 V AC	2A	▶ LF402G	105
	10		4A	▶ LF404G	105
	10		6A	▶ LF406G	105
	10		8A	▶ LF408G	105
	10		10A	▶ LF410G	105
	10		12A	▶ LF412G	105
	10		16A	▶ LF416G	105
	10		20A	▶ LF420G	105
	10		25A	▶ LF425G	105
	10	500 V AC	32A	▶ LF432G	105
	10		40A	▶ LF440G	105
	10		45A	▶ LF445G	125
	10	400 V AC	50A	▶ LF450G	125



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				
Imp 50kA	1	1P, 2 modules	► SP120	9210
Imp 100kA	1	3P, 4 modules	► SP320	25915
Imp 50kA	1	1P(N-PE), 2 modules	► SP150	11655



SP440R

Type 2 products-main protection

Imax 65kA (with reserve indicator & remote signalling)	1	1P, 1 modules	SPN165R	8830
	1	1P+N, 2 modules	► SPN265R	15095
	1	4P, 4 modules	► SPN465R	29980
Imax 40kA (with reserve indicator & remote signalling)	1	1P, 1 module	SPN140R	7185
	1	1P+N, 2 modules	► SPN240R	13615
	1	4P, 4 modules	► SPN440R	26185
Imax 40kA	1	1P, 1 module	► SPD140D	5210
	1	1P+N, 2 modules	► SPD240D	8830
	1	4P, 4 modules	► SPD440D	17340
Imax 15kA	1	1P, 1 module	SPN115D	4505
	1	1P+N, 2 modules	► SPD215D	7470
	1	4P, 4 modules	► SPD415D	14230



SP408S

Type 2 products-main protection

Imax 8kA	1	2P, 2 modules	SPN208	8375
	1	4P, 3 modules	► SPN408S	14770

Phase cartridges for

	1	SPN165/265/465R	SPN065R	6065
	1	SPN140/240/440R	► SPN040R	4905
	1	SPD140/240/440D	► SPD040D	3095
	1	SPD(N)115/215/415D	► SPD015D	2425

Neutral cartridges for

	1	SPN265/465R	SPN065N	5685
	1	SPN240/440R	► SPN040N	4735
	1	SPDxxxR	► SPD040N	4750

SPDs for telephone lines

Imax 10kA	1	Digital Tele lines, 2 modules	SPN504	7340
	1	Analogue Tele lines, 2 modules	► SPN505	7225

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	1855
40A, 2 modules	1	► SFT240N	2825
63A, 4 modules		SF263	3000
Four Pole			
40A, 4 modules	1	► SFT440N	4820
63A, 8 modules	1	SF463	5000



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	385
Double Pole			
25A, 1 module	1	SBN225N	420
32A, 1 module	1	SBN232N	455
40A, 2 modules	1	► SBN240N	500
63A, 2 modules	1	► SBN263N	655
100A, 2 modules	1	► SBN290N	890
125A, 2 modules	1	► SBN299N	1020

Triple Pole

32A, 2 module	1	SBN332N	805
40A, 3 modules	1	► SBN340N	865
63A, 3 modules	1	► SBN363N	1025
100A, 3 modules	1	► SBN390N	1140
125A, 3 modules	1	► SBN399N	1320

Four Pole

32A, 4 module	1	SBN432N	890
40A, 4 modules	1	► SBN440N	1100
63A, 4 modules	1	► SBN463N	1210
100A, 4 modules	1	► SBN490N	1485
125A, 4 modules	1	► SBN499N	1640



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.



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SVN126

Indicating lights (LED)

Characteristics:

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Green, 1 module	12	▶ SVN121	720
Red, 1 module	12	▶ SVN122	720
Orange, 1 module	12	▶ SVN123	720
Blue, 1 module	12	▶ SVN124	720
Red+Green indicator, 1 module	12	SVN126	930
Red+Green+Orange indicator, 1 module	12	▶ SVN129	1320
Red+Orange+Blue (RYB) indicator, 1 module	12	▶ SVN222	1320



SVN312

Push buttons

Characteristics:

- Latching push buttons for actuating loads directly or via contacts

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
16A without indicator			
1NO, 1 module	1	SVN312	1265
2NO, 1 module	1	SVN332	1300
1NO + 1NC, 1 module	1	SVN352	1300

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
16A with green indicator			
1NO, 1 module	1	SVN413	1800
2NO, 1 module	1	SVN433	1800



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	3845

Analogue Ammeters

0-30A, direct reading, 4 modules	1	SM030	3845
0-50A, C.T. operated, 4 modules	1	SM050	3845
0-100A, C.T. operated, 4 modules	1	SM100	3845
0-150A, C.T. operated, 4 modules	1	SM150	3845
0-250A, C.T. operated, 4 modules	1	SM250	3845



SRA01005

Current transformer

Characteristics:

- Used to feed analogue ammeters

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Ratio			
50/5	1	SRA00505	1850
100/5	1	SRA01005	1975
150/5	1	SRA01505	2225
250/5	1	SRA02505	2360



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	5205
Ammeter selector switch, 4 position, 3 modules	1	SK603	5205
Lockable rotary switch, 4 position, 3 modules	1	SK606	5690



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	1645
230V / 6.5 VA buzzer, 1 module	12	SU215	1800



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	1860
1 NO+1NC, 25A, 1 module	1	► ESC227	2020
2 NO, 40A, 3 modules	1	► ESC240	3245
2 NO, 63A, 3 modules	1	► ESC263	4415
3 NO, 40A, 3 modules	1	► ESC340	4425
3 NO, 63A 3 modules	1	► ESC363	5310
4 NO, 25A, 3 modules	1	► ESC425	2900
4 NO, 40A, 3 modules	1	► ESC440	5320
2 NO+2NC, 40A, 3 modules	1	► ESC442	4860
3 NO+1NC, 40A, 3 modules	1	► ESC443	4725
4 NO, 63A, 3 modules	1	► ESC463	6340
2NO+2NC, 63A, 3 modules	1	► ESC465	5670
3NO+1NC, 63A, 3 modules	1	► ESC466	5940
Auxiliary contact 1NO+1NC	1	► ESC080	1770
4NO, 40A, night and day contactor, 3 modules	1	► ETC440	5425
4NO, 63A, night and day contactor, 3 modules	1	► ETC463	6735



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	2035
230V / 16A, 230V AC coil 2NO, 1 module	1	► EPN520	2140
230V / 16A, 230V AC coil 1NO+1NC, 1 module	1	► EPN515	2140
230V / 16A, 230V AC coil 2NO+2NC, 2 modules	1	► EPN525	4425
230V / 16A, 230V AC coil 4NO, 2 modules	1	► EPN540	4425



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	10080
Single phase kwh meter 63A	1	EC150	17693
Single phase kwh meter 63A - 2 tariffs	1	EC152	23310
Three phase kwh meter 63A	1	EC350	22575

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.



04

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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	2830
Quartz 1 channel 1 daily dial 3 modules	1	► EH111	2890
Quartz 1 channel 1 daily dial	1	► EH711	2720
Quartz 1 channel weekly dial	1	► EH771	3075



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	6970
2 channel yearly time switch supplied with USB key Programming through PC software (optional), 4 modules	1	► EG293B	22279
Spare USB Key for EG293B	1	► EG007	2539



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	8950
Astro time switch with USB key, 2 channels	1	► EE181	10315
PC programming kit for EE180, EE181, EG103E	1	► EG003U	8890
Spare USB key	1	► EG005	945



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	3492



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	EEN100	10060
Programmable twilight + electromechanical time switch delivered with surface cell, 5 modules	1	EE110	14620
Outdoor IP54 twilight switch 2 to 1000 lux	1	▶ EE702	6145
Spare IP54 surface cell for EE100 & 110	1	EEN003	5840



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 1200 lux
- - adjustable time delay upto 1 Hr
- - 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	4715
Single lens, 360°, 6m dia detection 10A AC 1, 1 channel, flush mounted	1	▶ EE805	4715



EE880

Presence detectors

Dual lens, 360°, 13m x 7m detection 16A AC 1, 1 channel, surface mounted	1	▶ EE810	9190
Dual lens, 360°, 13m x 7m detection 16A & 2A AC 1, 2 channels, surface mounted	1	▶ EE811	10580
Dual lens, 360°, 13m x 7m detection 1/10V, 16A AC 1, 1 channel, surface mounted	1	▶ EE812	13080
Monobloc, 360°, 7m x 7m detection 16A AC 1, daylight override, flush mounted, IR remote (accessory)	1	▶ EE815	10040
Monobloc, 360°, 7m x 7m detection 16A AC 1, daylight regulation, DALI/DSI, IR remote (accessory)	1	▶ EE816	13460
Hyper frequency motion detector 1 channel, Area detection: 1m - 8m, Surface mounted, Time delay: 5s - 15mins	1	▶ EE883	12600
IR motion detector for Corridors Area detection: 20m x 4m, Surface mounted Time delay: 5s - 15mins	1	EE880	10000



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	26250
Cool light - detection range 140 , 15 W, luminous flux 1100lm	1	EE610	13650
Remote control	1	EE806	4495



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)

EE820

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Comfort range			
Movement detector, 140°, 16m front detection, 10A AC 1	1	▶ EE820	5935
Movement detector, 200°, 16m front detection, 10A AC 1	1	▶ EE830	6765
Movement detector, 360°, 10m dia detection, 10A AC 1	1	▶ EE840	7685

Enhanced range

Movement detector, 140°, 16m front detection, 16A AC 1	1	▶ EE850	7720
Movement detector, 220°, 16m front detection, 16A AC 1	1	▶ EE860	8620
Movement detector, 220+360°, 16m front + 6m dia, 16A AC 1	1	▶ EE870	9640

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.



EE806

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	4495
Installer remote control for EE815 & EE816	1	EE807	8405
User remote control for EE816	1	EE808	6090
Surface mounting box (for EE810, EE811, EE812)	1	EE813	640
Corner mounting bracket for Comfort detectors	1	EE825	745
Ceiling mounting bracket for Comfort detectors	1	EE827	745
Corner mounting bracket for Enhanced detectors	1	EE855	745

Dimmers & dimming system

Characteristics:

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



EVN004

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	9055
500 Watts, 230V, 50 Hz suitable for incandescent, halogen 230V, halogen VLV(12 or 24V) via ferromagnetic & electronic transformer, scene input	1	▶ EVN004	13900
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	15630
1/10 V Pilot dimmers with scene input to control several EV102 with adjustable preset levels & time delays	1	EV108	17100



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 (₹)
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Single Pole

16A, 1 modules	1	SB116	365
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Double Pole

25A, 1 module	1	SBR225N	395
32A, 1 module	1	SBR232N	430
40A, 2 modules	1	SBR240N	470
63A, 2 modules	1	SBR263N	620
100A, 2 modules	1	SBR290N	840
125A, 2 modules	1	SBR299N	960

Triple Pole

32A, 2 module	1	SBR332N	760
40A, 3 modules	1	SBR340N	815
63A, 3 modules	1	SBR363N	965
100A, 3 modules	1	SBR390N	1075
125A, 3 modules	1	SBR399N	1245

Four Pole

32A, 4 module	1	SBR432N	840
40A, 4 modules	1	SBR440N	1040
63A, 4 modules	1	SBR463N	1140
100A, 4 modules	1	SBR490N	1400
125A, 4 modules	1	SBR499N	1545



SBR490N

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- MCBs / RCCBs / RCBOs - 2 weeks
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- 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
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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

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**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

Mumbai Sales Office:

Office # 1301A, Tower 3
Indiabulls Finance Centre
Elphinstone Road
Mumbai-400013
India

Tel: +91 22 71813200

Kolkata Sales Office:

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

Tel: +91 33 65002301