

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

**Pricelist** with effect from

**01<sup>st</sup> August 2021**

**:hager**



**The reliable  
partner for  
intelligent  
solutions.**

# Under one roof

## Members

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**B.**  
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**BOCCHIOTTI**

**IBOCO**

## One family

The world is changing, and we are changing with it. As a family company, we have grown over the last sixty years to become a reliable partner to expert technicians and electrical wholesalers around the world. With more than 11,500 employees and annual sales of €2 billion, we have a huge capacity for innovation. 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. It is the 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. For our part, we rely on feedback, ideas and involvement of our customers and partners in the electrical trade. Precise market knowledge and our close relationship with the trade and with end customers have always been the cornerstone of our success. We are now active in more than 120 countries all over the world, yet remain as close to our customers and their individual needs as we have ever been.

## Our strengths

We have huge opportunities ahead: the 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, our 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 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 more than six decades.

# Sustainable success with E3

As a family-run company with strong values, we act today to ensure our long-term success for tomorrow. One way we do this is by investing in our employees and their skills development, optimising our eco-balance and developing processes and solutions that are more energy efficient. Sustainability is rooted in everything that we do, we focus on three particular aspects as part of our E3 approach.

## Ethics



### E for Ethics

Ethical principles determine how we behave towards our customers, our colleagues and society as a whole. By the end of 2018 we had already exceeded our goal for 2020, to have over 17% of management and specialist positions filled by women. Additional areas of focus include Let's talk!, our group-wide Integrity Alert System, and a complete training programme on business ethics.

## E for Environment

Considering products in terms of their lifecycles revolutionises the way in which we view product development, resource usage and our environmental footprint. We recycle 80% of our plastic waste in-house and certain products contain material that has been recycled from consumer waste.

# Environment

**“Thinking and acting sustainably helps us to systematically prevent risks and seize business opportunities at an earlier stage and on a larger scale.”**



# Energie

## E for Energy

Contributing to the energy transition, we provide environmentally friendly, forward-looking solutions that optimise our customers' energy usage. This also applies to the development of sustainable products, particularly in the areas of energy storage systems, integrated energy management systems and e-mobility.



# We are shaping the future. Join us.

**Our products  
and solutions are  
designed to ensure  
that your customers  
can make the most of  
the energy transition.**



**Daniel Hager**  
Hager Group CEO

**Dear friends and partners,**

It's clear for all to see; in our industry, society and the working world, the winds of change are sweeping through. Events that elicit enthusiasm in some are met with uncertainty by others. What is going to change, and what will stay the same? And what does all this mean for our business?

One thing is certain: at Hager Group, we are taking ownership of the changes that lie ahead. The future is what we make it, and we have the power to decide our own tomorrow by continually reinventing the future alongside our colleagues, customers and partners.

Take digitalisation, for example; a development that covers almost every area of modern life. Our IoT server harnesses the power of digital to bring you a new world that is virtually without limits, where a host of connected devices and features can be incorporated into building automation. We provide professional seminars and online training to ensure that you and your team are ready to take on the digital challenges that lie ahead. Elsewhere, we provide project planning support for your business in the form of hagercad and ZPlan as well as Hager Ready, our new planning and labelling software that has been met with high levels of user satisfaction.

Other examples include energy efficiency and the long-overdue electrical modernisation of our existing buildings. Our products and solutions are designed to ensure that your customers

can make the most of the energy transition. Our portfolio includes all of the components required to make residential and commercial buildings more energy efficient. Together, we can ensure that life in tomorrow's electrical world is more comfortable, climate-friendly and environmentally conscious.

We see it as our role to provide you with the right products and solutions for your customers before they even know they need them. This is not a new approach, far from it; staying close to our customers and partners has always been firmly rooted in our philosophy.

Even though we are seeing radical change in so many areas, much has remained the same. Take for example the trust that has underscored the relationship between Hager Group and the electrical trade for more than 60 years; the strength that results from this partnership; and the knowledge that, together, we will transform the challenges of tomorrow into opportunities.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Daniel Hager'. The signature is fluid and cursive, with a horizontal line extending from the end.



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## 01 Distribution boards

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



12-21

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## 02 Protection and switching devices

h3+ MCCBs/ h3 MCCBs / Manual Changeover switches /  
Automatic transfer switches / ACCL / h3 MCBs / RCCBs / RCBOs /  
Accessories / Earth Leakage Relays / HRC Fuses and Fuse carriers /  
Surge protection devices / Isolating switches / Changeover switches



26-48

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## 03 Energy and lighting control

Indicator lights / Pushbuttons / Bells & buzzers / Contactors /  
Latching relays / Time switches / Twilight switches /  
Presence & movement detectors / Dimmers / Time lag switch



52-55

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## 04 insysta™ Wiring Accessories

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



58-61

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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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novello <sup>+</sup> SPN	12
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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	<b>VYS06C</b>	1555
8 way, 8 modules	1	<b>VYS08C</b>	1960
12 way, 12 modules	1	<b>VYS12C</b>	2320
16 way, 16 modules	1	<b>VYS16C</b>	2860
18 way, 18 modules	1	<b>VYS18C</b>	3215



VYS12D

### IP43 Double Door DBs

Description	Pack Qty.	Cat. Ref. plain door	Unit MRP (₹)
4 way, 4 modules	1	▶ <b>VYS04D</b>	2125
6 way, 6 modules	1	▶ <b>VYS06D</b>	2385
8 way, 8 modules	1	▶ <b>VYS08D</b>	2640
12 way, 12 modules	1	▶ <b>VYS12D</b>	3170
16 way, 16 modules	1	▶ <b>VYS16D</b>	4030
18 way, 18 modules	1	▶ <b>VYS18D</b>	4420

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



VYT06CH

**TPN distribution boards**
**Characteristics:**

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

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

**IP30 Single Door DBs**  
 (Incomer + Outgoing Modules)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 4+12 modules	1	<b>VYT04CD</b>	4010
6 way, 4+18 modules	1	<b>VYT06CD</b>	4865
4 way, 8+12 modules	1	<b>VYT04CH</b>	4395
6 way, 8+18 modules	1	<b>VYT06CH</b>	5415
8 way, 8+24 modules	1	<b>VYT08CH</b>	6365
12 way, 8+36 modules	1	<b>VYT12CH</b>	9440

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


VYT06DH

Description	Pack Qty.	Cat. Ref. metal door	Unit MRP (₹)
4 way, 4+12 modules	1	▶ <b>VYT04DD</b>	5015
6 way, 4+18 modules	1	▶ <b>VYT06DD</b>	6025
4 way, 8+12 modules	1	▶ <b>VYT04DH</b>	5225
6 way, 8+18 modules	1	▶ <b>VYT06DH</b>	6440
8 way, 8+24 modules	1	▶ <b>VYT08DH</b>	7730
12 way, 8+36 modules	1	▶ <b>VYT12DH</b>	11565
16 way, 8+48 modules	1	<b>VYT16DH</b>	14340

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



VYH04DH

**TPN horizontal PPI distribution boards**

**Characteristics:**

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

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

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

Description	Pack Qty.	Cat. Ref. plain door	Unit MRP (₹)
4+2 way, 8+6+12 modules	1	▶ <b>VYH04DH</b>	9865
6+2 way, 8+6+18 modules	1	▶ <b>VYH06DH</b>	11625
8+2 way, 8+6+24 modules	1	▶ <b>VYH08DH</b>	16030
12+2 way, 8+6+36 modules	1	▶ <b>VYH12DH</b>	19240

**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	▶ <b>VYP06DH</b>	11590
8+2 way, 8+6+24 modules	1	▶ <b>VYP08DH</b>	13670
10+2 way, 8+6+30 modules	1	▶ <b>VYP10DH</b>	14180
12+2 way, 8+6+36 modules	1	▶ <b>VYP12DH</b>	15370
16+2 way, 8+6+48 modules	1	<b>VYP16DH</b>	16225
12+2 way, MCCB*+ 6 + 36 modules	1	<b>VYP12DM</b>	15540



VYP10DH

- **\*Provision to mount frame X160 h3 MCCB**
- **For P160 h3+ MCCB mounting, please contact your nearest Hager sales office.**

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



VYV04DL-P

**vertical TPN distribution boards (modular incomer)**

**Characteristics:**

- Single Door: IP30
  - Double Door: IP43 & IP54
  - Plain & Acrylic doors
  - As per IS 8623 - III
  - Impact resistance IK09
  - 12 module incomers, SP/TP MCB's outgoing
- Accessories:
    - - Interconnection labels
    - - Blanking plates
    - - Cable management kit

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 12+12 modules	1	▶ <b>VYV04DL-P</b>	12975
6 way, 12+18 modules	1	▶ <b>VYV06DL-P</b>	14500
8 way, 12+24 modules	1	▶ <b>VYV08DL-P</b>	15925
12 way, 12+36 modules	1	▶ <b>VYV12DL-P</b>	22415
16 way, 12+48 modules	1	<b>VYV16DL-P</b>	27705

**Metering Box**

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Ext Box for VTPN DD DB	1	<b>VYV00M</b>	7055

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



VYV06DM-P

**vertical TPN distribution boards (x160 h3 MCCB incomer)**

**Characteristics:**

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

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, MCCB+12 modules	1	▶ <b>VYV04DM-P</b>	16065
6 way, MCCB+18 modules	1	▶ <b>VYV06DM-P</b>	18250
8 way, MCCB+24 modules	1	▶ <b>VYV08DM-P</b>	20090
12 way, MCCB+36 modules	1	▶ <b>VYV12DM-P</b>	26865
16 way, MCCB+48 modules	1	<b>VYV16DM-P</b>	31890

**vertical TPN distribution boards (P160 h3+ MCCB incomer)**

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, MCCB+12 modules	1	▶ <b>VYV04DM-P160</b>	16065
6 way, MCCB+18 modules	1	▶ <b>VYV06DM-P160</b>	18250
8 way, MCCB+24 modules	1	▶ <b>VYV08DM-P160</b>	20090
12 way, MCCB+36 modules	1	▶ <b>VYV12DM-P160</b>	26865
16 way, MCCB+48 modules	1	<b>VYV16DM-P160</b>	31890

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

**Characteristics:**

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



VYV06DM2-P

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, MCCB+12 modules	1	<b>VYV04DM2-P</b>	29810
6 way, MCCB+18 modules	1	<b>VYV06DM2-P</b>	32505
8 way, MCCB+24 modules	1	<b>VYV08DM2-P</b>	34770
12 way, MCCB+36 modules	1	<b>VYV12DM2-P</b>	36750
16 way, MCCB+48 modules	1	<b>VYV16DM2-P</b>	41385





VYG08DL

**TPN phase segregated distribution boards**

**Characteristics:**

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

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

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

Description	Pack Qty.	Cat. Ref. modular incomer	Unit MRP (₹)	Cat. Ref. MCCB incomer*	Unit MRP (₹)
4 way, 12+12+12 modules	1	▶ <b>VYG04DL</b>	13100	<b>VYG04DM</b>	18705
6 way, 12+12+18 modules	1	▶ <b>VYG06DL</b>	14755	<b>VYG06DM</b>	21380
8 way, 12+12+24 modules	1	▶ <b>VYG08DL</b>	16465	<b>VYG08DM</b>	24485
12 way, 12+12+36 modules	1	▶ <b>VYG12DL</b>	20480	<b>VYG12DM</b>	27920

- \*Provision to mount X160 frame H3 MCCB



VYC06DH

**TPN phase selector distribution boards**

**Characteristics:**

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

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

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 8+12 modules	1	<b>VYC04DH</b>	17860
6 way, 8+18 modules	1	▶ <b>VYC06DH</b>	18140
8 way, 8+24 modules	1	▶ <b>VYC08DH</b>	19440
12 way, 8+36 modules	1	▶ <b>VYC12DH</b>	21880



VYF414D

**flexi distribution boards**

**Characteristics:**

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

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

**IP43 Double Door DBs  
(Total Modules)**

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
2 row, 28 modules	1	▶ <b>VYF214D</b>	7205
3 row, 42 modules	1	▶ <b>VYF314D</b>	8650
4 row, 40 modules	1	▶ <b>VYF410D</b>	8595
4 row, 56 modules	1	▶ <b>VYF414D</b>	9425
4 row, 64 modules	1	<b>VYF416D</b>	11110

- 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	▶ <b>VYM02C</b>	870
4 way, 4 modules	1	▶ <b>VYM04C</b>	870
6 way, 6 modules	1	▶ <b>VYM06C</b>	1465
8 way, 8 modules	1	▶ <b>VYM08C</b>	1465
metal enclosure hinged door, 3 pole, x160 frame MCCB	1	▶ <b>VYM160HM</b>	3195
metal enclosure hinged door, 4 pole, x160 frame MCCB	1	▶ <b>VYM161HM</b>	3195
metal enclosure hinged door, 3 pole, x250 frame MCCB	1	▶ <b>VYM250HM</b>	8340
metal enclosure hinged door, 4 pole, x250 frame MCCB	1	▶ <b>VYM251HM</b>	8340
160A 3P MCCB h3+ Enclosure	1	<b>VYM160HM-P160</b>	3195
160A 4P MCCB h3+ Enclosure	1	<b>VYM161HM-P160</b>	3195
250A 3P MCCB h3+ Enclosure	1	<b>VYM250HM-P250</b>	8340
250A 4P MCCB h3+ Enclosure	1	<b>VYM251HM-P250</b>	8340



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	▶ <b>VYA110C</b>	1790
20A 2 Pin + SC*, 1 modules	1	▶ <b>VYA120C</b>	1920
20A 2 Pin + SC*, 2 modules	1	▶ <b>VYA220C</b>	2095
20A 3 Pin + SC*, 4 modules	1	▶ <b>VYA420C</b>	3125
32A 3 Pin + SC*, 4 modules	1	▶ <b>VYA432C</b>	4215
63A 5 Pin + SC*, 8 modules	1	▶ <b>VYA863C</b>	15600

\* SC - Scraping Earth



VYB432C

### plug & socket outlets - plastic

**Characteristics:**

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

- Accessories:  
- - Plastic plug & socket

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
16A 3 Pin, 4 modules	1	▶ <b>VYB416C</b>	3400
32A 3 Pin, 4 modules	1	▶ <b>VYB432C</b>	3675
32A 5 Pin, 8 modules	1	▶ <b>VYB832C</b>	6690
63A 5 Pin, 8 modules	1	▶ <b>VYB863C</b>	16835



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	<b>VZ130I</b>	200	10A 2P+E Metal Socket	<b>VZ140I</b>	205
20A 2P+E Metal Plug	10	▶ <b>VZ131I</b>	210	20A 2P+E Metal Socket	▶ <b>VZ141I</b>	230
20A 3P+E Metal Plug	10	▶ <b>VZ132I</b>	290	20A 3P+E Metal Socket	▶ <b>VZ142I</b>	315
32A 3P+E Metal Plug	5	▶ <b>VZ133I</b>	520	32A 3P+E Metal Socket	▶ <b>VZ143I</b>	520
63A 3P Metal Plug	1	<b>VZ134I</b>	2430	63A 3P Metal Socket	<b>VZ144I</b>	2580

## cable end box for novello<sup>+</sup> 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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
CEB for 4 way SPN DD DB	1	<b>VYS04E</b>	895
CEB for 6 way SPN DD DB	1	<b>VYS06E</b>	925
CEB for 8 way SPN DD DB	1	<b>VYS08E</b>	1050
CEB for 12 way SPN DD DB	1	▶ <b>VYS12E</b>	1190
CEB for 16 way SPN DD DB	1	<b>VYS16E</b>	1680
CEB for 18 way SPN DD DB	1	<b>VYS18E</b>	1745

#### CEB for TPN DB (for 8mod incomer)

CEB for 4 way TPN DD DB	1	▶ <b>VYT04E</b>	1535
CEB for 6 way TPN DD DB	1	▶ <b>VYT06E</b>	1665
CEB for 8 way TPN DD DB	1	▶ <b>VYT08E</b>	2925
CEB for 12 way TPN DD DB	1	<b>VYT12E</b>	3910
CEB for 16 way TPN DD DB	1	<b>VYT16E</b>	3910

#### CEB for TPN Horizontal PPI DB

CEB for 2 + 4 way Horizontal PPI DD DB	1	<b>VYH04E</b>	1615
CEB for 2 + 6 way Horizontal PPI DD DB	1	<b>VYH06E</b>	2535
CEB for 2 + 8 way Horizontal PPI DD DB	1	<b>VYH08E</b>	2965
CEB for 2 + 12 way Horizontal PPI DD DB	1	<b>VYH12E</b>	3350

#### CEB for TPNTier PPI DB

CEB for 2 + 6 way Tier PPI DD DB	1	<b>VYP06E</b>	1395
CEB for 2 + 8 way Tier PPI DD DB	1	<b>VYP08E</b>	1420
CEB for 2 + 10 way Tier PPI DD DB	1	<b>VYP10E</b>	1760
CEB for 2 + 12 way Tier PPI DD DB	1	<b>VYP12E</b>	2635
CEB for 2 + 12 way Tier PPI DD DB (MCCB)	1	<b>VYP12EM</b>	2805

#### CEB for vertical TPN DB

CEB for Vertical TPN DD DB	1	<b>VYV00E</b>	4295
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#### CEB for Flexi DB

CEB for 14Mod flexy DB	1	<b>VYF14E</b>	1465
CEB for 16Mod flexy DB	1	<b>VYF16E</b>	1785



VYH08E



VZ100i

## Accessories for novello<sup>+</sup> DBs

### Characteristics:

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Keylock + 2 keys	10	<b>VZ100i</b>	1445
Door handle for novello <sup>+</sup>	10	<b>VZ101i</b>	635
Neutral link 5 connection	10	<b>VZ110i</b>	160
Neutral link 9 connection	10	<b>VZ111i</b>	220
Neutral link 15 connection	10	<b>VZ112i</b>	300
Neutral link 19 connection	10	<b>VZ113i</b>	345
4 way 8 Segment cover plate - 4 Mod	5	<b>VZ120i</b>	345
8 way 8 Segment cover plate - 4 Mod	5	<b>VZ121i</b>	420
6 way 8 Segment cover plate - 4 Mod	5	<b>VZ122i</b>	490
12 way 8 Segment cover plate - 4 Mod	5	<b>VZ123i</b>	560



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	<b>VF104PJ</b>	<b>VF104TJ</b>	1380
1 row 8 modules (8 way SPN DB)	1	<b>VF108PJ</b>	▶ <b>VF108TJ</b>	1815
1 row 12 modules (12 way SPN DB)	1	<b>VF112PJ</b>	▶ <b>VF112TJ</b>	2305
1 row 18 modules (18 way SPN DB)	1	<b>VF118PJ</b>	▶ <b>VF118TJ</b>	3070
2 row 24 modules (6 way TPN DB)	1	<b>VF212PJ</b>	▶ <b>VF212TJ</b>	3530
2 row 36modules (8 way TPN DB)	1	<b>VF218PJ</b>	▶ <b>VF218TJ</b>	4790
3 row 36 modules (8 way TPN DB)	1	<b>VF312PJ</b>	▶ <b>VF312TJ</b>	4605
4 row 48 modules (12 way TPN DB)	1	<b>VF412PJ</b>	▶ <b>VF412TJ</b>	5640

### Surface mounting

Description	Pack Qty.	Cat. Ref. plain door	Cat. Ref. acrylic door	Unit MRP (₹)
1 row 4 modules (4 way SPN DB)	1	<b>VS104PJ</b>	<b>VS104TJ</b>	1380
1 row 8 modules (8 way SPN DB)	1	<b>VS108PJ</b>	<b>VS108TJ</b>	1815
1 row 12 modules (12 way SPN DB)	1	<b>VS112PJ</b>	<b>VS112TJ</b>	2305
1 row 18 modules (18 way SPN DB)	1	<b>VS118PJ</b>	<b>VS118TJ</b>	3070
2 row 24 modules (6 way TPN DB)	1	<b>VS212PJ</b>	<b>VS212TJ</b>	3530
2 row 36modules (8 way TPN DB)	1	<b>VS218PJ</b>	<b>VS218TJ</b>	4790
3 row 36 modules (8 way TPN DB)	1	<b>VS312PJ</b>	<b>VS312TJ</b>	4605
4 row 48 modules (12 way TPN DB)	1	<b>VS412PJ</b>	<b>VS412TJ</b>	5640



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	▶ <b>VE103L</b>	2260
1 row 6 modules	1	▶ <b>VE106L</b>	2810
1 row 10 modules	1	▶ <b>VE110L</b>	3915
1 row 12 modules	1	▶ <b>VE112L</b>	4645
1 row 18 modules	1	▶ <b>VE118L</b>	5530
2 row 24 modules	1	▶ <b>VE212L</b>	6300
2 row 36 modules	1	<b>VE218L</b>	9320
3 row 36 modules	1	<b>VE312L</b>	8530
4 row 48 modules	1	<b>VE412L</b>	12095
3 row 54 modules	1	<b>VE318L</b>	13800
vector IP65 Key lock	1	<b>VZ311</b>	590

## 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)

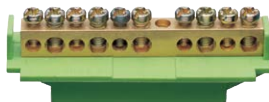
Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1 pole 1 mod step, 12 mod	100	▶ <b>KDN163A</b>	380
1 pole 1 mod step, 56 mod	50	▶ <b>KD163B</b>	1425
2 pole 2 mod step, 12 mod	50	<b>KDN263A</b>	645
2 pole 2 mod step, 56 mod	20	▶ <b>KD263B</b>	2725
3 pole 3 mod step, 12 mod	50	<b>KDN363A</b>	685
3 pole 3 mod step, 57 mod	20	▶ <b>KD363B</b>	3440
4 pole 4 mod step, 12 mod	25	<b>KDN463A</b>	1415
4 pole 4 mod step, 56 mod	10	▶ <b>KD463B</b>	6120

### Prong busbars (for MCBs ML---J)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1 pole 1 step 13 mod - Brown (phase)	1	<b>KB163P</b>	395
1 pole 1 step 13 mod - Blue (neutral)	1	<b>KB163N</b>	395

### End caps for busbars

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
for 1 pole fork busbar	50	<b>KZN021</b>	25
for 2 & 3 pole fork busbar	10	<b>KZN023</b>	35
for 4 pole fork busbar	10	<b>KZN024</b>	60



KM14N

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
63A din rail mounting neutral link	25	▶ <b>KM14N</b>	415
Half mod blanking plate	50	<b>P031F</b>	30
One mod blanking plate	50	<b>P032F</b>	30

# 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.



# High powered air circuit breakers hager

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



# - Price available on request

**:hager**

# h3+ moulded case circuit breaker



## Configured smartly



### More options in commercial buildings

Discover our new circuit breaker generation h3+ with four trip units for every requirement. The highlight: The h3+ energy with electronic high-end protection and smart parameterisation via configuration tool and mobile end device.

[hager.de/h3+](http://hager.de/h3+)

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HHS025DR

**h3+ MCCBs thermal magnetic release**

**Characteristics:**

- Complies with IEC 60947-2
- 3 Frame sizes: P160 , P250 & P630
- Thermal Magnetic Trip Unit with adjustable O/L and S/C
- Adjustable Overload from 63% to 100%
- Neutral Protection for all 4P breakers as standard (option of OFF / 50% / 100% Neutral setting)

- Calibrated at 50°C
- Current Limiting type
- Complete range of accessories
- Direct mounting arrangement for Extended Rotary Handle for quick installation
- International Certification and approvals

**Breaking Capacity**

Ics=100% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)	
25kA	40A	P160	HHS040DR	7210	HHS041DR	10410	
	63A		HHS063DR	7210	HHS064DR	10410	
	80A		HHS080DR	7210	HHS081DR	10410	
	100A		HHS100DR	7210	HHS101DR	10410	
	125A		HHS125DR	13210	HHS126DR	16195	
	160A		HHS160DR	14585	HHS161DR	18170	
	P250	200A	HHT200DR	23880	HHT201DR	28725	
		250A	HHT250DR	24340	HHT251DR	29295	
		320A	HHJ320DR	25050	HHJ321DR	31385	
		400A	HHJ400DR	25070	HHJ401DR	31815	
		P630	630A	HHJ630DE	30680	HHJ631DE	37445

**Breaking Capacity**

Ics=100% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)	
40kA	40A	P160	HNS040DR	9245	HNS041DR	11840	
	63A		HNS063DR	9245	HNS064DR	11840	
	80A		HNS080DR	9245	HNS081DR	11840	
	100A		HNS100DR	9245	HNS101DR	11840	
	125A		HNS125DR	13925	HNS126DR	17305	
	160A		HNS160DR	15405	HNS161DR	19155	
	P250	200A	HNT200DR	24185	HNT201DR	29815	
		250A	HNT250DR	24655	HNT251DR	31010	
		320A	HNJ320DR	25560	HNJ321DR	32030	
		400A	HNJ400DR	25580	HNJ401DR	32465	
		P630	630A	HNJ630DE	31305	HNJ631DE	38210

**Breaking Capacity**

Ics=100% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)	
50kA	40A	P160	HMS040DR	12200	HMS041DR	14965	
	63A		HMS063DR	12200	HMS064DR	14965	
	80A		HMS080DR	12200	HMS081DR	14965	
	100A		HMS100DR	12200	HMS101DR	14965	
	125A		HMS125DR	16590	HMS126DR	19595	
	160A		HMS160DR	17495	HMS161DR	21240	
	P250	200A	HMT200DR	26065	HMT201DR	31850	
		250A	HMT250DR	26560	HMT251DR	33790	
		320A	HMJ320DR	28610	HMJ321DR	34855	
		400A	HMJ400DR	28815	HMJ401DR	35670	
		P630	630A	HMJ630DE	34945	HMJ631DE	44440



HHT250JR

**h3+ MCCBs microprocessor LSI release**
**Characteristics:**

- Complies with IEC 60947-2
- 3 Frame sizes: P160 , P250 & P630
- Microprocessor Trip Unit with LSI Protection
- Adjustable Overload with Delay / Short Circuit with adjustable Delay / Instantaneous
- I2T ON / OFF for precise coordination
- Dedicated Pre Trip Alarm Contact to help in service continuity

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

**Breaking Capacity**

lcs=100% lcu as per IEC 60947-2)	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
25kA	40A	P160	<b>HHS040JR</b>	15375	<b>HHS041JR</b>	19790
	100A		<b>HHS100JR</b>	15375	<b>HHS101JR</b>	19790
	160A	P250	<b>HHS160JR</b>	19640	<b>HHS161JR</b>	25055
	250A		<b>HHT250JR</b>	25815	<b>HHT251JR</b>	33110

**Breaking Capacity**

lcs=100% lcu as per IEC 60947-2)	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
40kA	40A	P160	<b>HNS040JR</b>	15630	<b>HNS041JR</b>	19885
	100A		<b>HNS100JR</b>	15630	<b>HNS101JR</b>	19885
	160A		<b>HNS160JR</b>	19990	<b>HNS161JR</b>	27685
	250A	P250	<b>HNT250JR</b>	27165	<b>HNT251JR</b>	37650
	400A		<b>HNW400JR</b>	37475	<b>HNW401JR</b>	42780
	630A		<b>HNW630JR</b>	39615	<b>HNW631JR</b>	51355

**Breaking Capacity**

lcs=100% lcu as per IEC 60947-2)	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
50kA	40A	P160	<b>HMS040JR</b>	18660	<b>HMS041JR</b>	25560
	100A		<b>HMS100JR</b>	18660	<b>HMS101JR</b>	26325
	160A		<b>HMS160JR</b>	23655	<b>HMS161JR</b>	30630
	250A	P250	<b>HMT250JR</b>	30900	<b>HMT251JR</b>	40525
	400A		<b>HMW400JR</b>	39220	<b>HMW401JR</b>	50880
	630A		<b>HMW630JR</b>	40605	<b>HMW631JR</b>	53795



HHT250LR

**h3+ MCCBs microprocessor LSIG release**

**Characteristics:**

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

**Breaking Capacity**

Ics=100% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
25kA	40A	P250	<b>HHT040LR</b>	29155	<b>HHT041LR</b>	32630
	100A		<b>HHT100LR</b>	29155	<b>HHT101LR</b>	32630
	160A	P250	<b>HHT160LR</b>	30835	<b>HHT161LR</b>	37075
	250A		<b>HHT250LR</b>	35305	<b>HHT251LR</b>	42300

**Breaking Capacity**

Ics=100% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
40kA	40A	P250	<b>HNT040LR</b>	29295	<b>HNT041LR</b>	33920
	100A		<b>HNT100LR</b>	29295	<b>HNT101LR</b>	33920
	160A		<b>HNT160LR</b>	31865	<b>HNT161LR</b>	38260
	250A		<b>HNT250LR</b>	35730	<b>HNT251LR</b>	44325
	400A	P630	<b>HNW400LR</b>	41880	<b>HNW401LR</b>	47655
	630A		<b>HNW630LR</b>	48125	<b>HNW631LR</b>	56650

**Breaking Capacity**

Ics=100% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
50kA	40A	P250	<b>HMT040LR</b>	31865	<b>HMT041LR</b>	36515
	100A		<b>HMT100LR</b>	31865	<b>HMT101LR</b>	36515
	160A		<b>HMT160LR</b>	36175	<b>HMT161LR</b>	39115
	250A		<b>HMT250LR</b>	38655	<b>HMT251LR</b>	45380
	400A	P630	<b>HMW400LR</b>	43045	<b>HMW401LR</b>	52640
	630A		<b>HMW630LR</b>	48295	<b>HMW631LR</b>	60270



HNT250NR

**h3+ MCCBs microprocessor LSIG - energy release**
**Characteristics:**

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

**Breaking Capacity**

Ics=100% Icu as per IEC 60947-2)		Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
25kA	40A	P160	<b>HHS040NR</b>	46630	<b>HHS041NR</b>	51810	
	100A		<b>HHS100NR</b>	46630	<b>HHS101NR</b>	51810	
	160A	P250	<b>HHS160NR</b>	46655	<b>HHS161NR</b>	51945	
	250A		<b>HHT250NR</b>	47590	<b>HHT251NR</b>	57875	

**Breaking Capacity**

Ics=100% Icu as per IEC 60947-2)		Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
40kA	40A	P160	<b>HNS040NR</b>	47870	<b>HNS041NR</b>	53085	
	100A		<b>HNS100NR</b>	47870	<b>HNS101NR</b>	53085	
	160A		<b>HNS160NR</b>	48655	<b>HNS161NR</b>	55140	
	250A	P250	<b>HNT250NR</b>	49220	<b>HNT251NR</b>	59295	
	400A	P630	<b>HNW400NR</b>	60825	<b>HNW401NR</b>	68505	
	630A		<b>HNW630NR</b>	69075	<b>HNW631NR</b>	85170	

**Breaking Capacity**

Ics=100% Icu as per IEC 60947-2)		Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
50kA	40A	P160	<b>HMS040NR</b>	48580	<b>HMS041NR</b>	53885	
	100A		<b>HMS100NR</b>	48580	<b>HMS101NR</b>	53885	
	160A		<b>HMS160NR</b>	49385	<b>HMS161NR</b>	55965	
	250A	P250	<b>HMT250NR</b>	49955	<b>HMT251NR</b>	60185	
	400A	P630	<b>HMW400NR</b>	61730	<b>HMW401NR</b>	69735	
	630A		<b>HMW630NR</b>	69760	<b>HMW631NR</b>	86445	

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>P160 Frame</b>			
Auxiliary Contact	1	HXA021H	1120
Alarm Contact	1	HXA024H	1120
Shunt 24V DC	1	HXA001H	2315
Shunt 230V AC	1	HXA004H	2315
UnderVoltage - 24V DC	1	HXA011H	2805
UnderVoltage - 240V DC	1	HXA014H	2805
UnderVoltage - 415V AC	1	HXA015H	2805
Direct Rotary Handle	1	HXS030H	1090
Extended Rotary Handle	1	HXS031H	1735
Spreaders - 3P	1	HYS011H	590
Spreaders - 4P	1	HYS012H	765
Interphase barrier 3/4P	1	HYS019H	350

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>P250 Frame</b>			
Auxiliary Contact	1	HXA021H	1120
Alarm Contact	1	HXA024H	1120
Shunt 24V DC	1	HXA001H	2315
Shunt 230V AC	1	HXA004H	2315
UnderVoltage - 24V DC	1	HXA011H	2805
UnderVoltage - 240V DC	1	HXA014H	2805
UnderVoltage - 415V AC	1	HXA015H	2805
Direct Rotary Handle	1	HXT030H	1195
Extended Rotary Handle	1	HXT031H	1905
Spreaders - 3P	1	HYB011H	615
Spreaders - 4P	1	HYB012H	840
Interphase barrier 3/4P	1	HYT019H	365
Motor Mechanism (auto reset) 240V AC	1	HXT042H	22440

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>P630 Frame</b>			
Auxiliary Contact	1	HXA021H	1120
Alarm Contact	1	HXA024H	1120
Shunt 24V DC	1	HXA001H	2315
Shunt 230V AC	1	HXA004H	2315
UnderVoltage - 24V DC	1	HXA011H	2805
UnderVoltage - 240V DC	1	HXA014H	2805
UnderVoltage - 415V AC	1	HXA015H	2805
Direct Rotary Handle	1	HXW030H	1630
Extended Rotary Handle	1	HXW031H	3040
Spreaders - 3P	1	HYD014H	1405
Spreaders - 4P	1	HYD015H	1690
Interphase barrier 3/4P	1	HYW019H	695
Motor Mechanism (auto reset) 240V AC	1	HXW042H	30600



HDA125Z

## MCCBs thermal magnetic release

### Characteristics:

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

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

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
32A, 3 pole	1	<b>HDA032Z</b>	5205
40A, 3 pole	1	<b>HDA040Z</b>	5205
63A, 3 pole	1	▶ <b>HDA063Z</b>	5205
80A, 3 pole	1	<b>HDA080Z</b>	5205
100A, 3 pole	1	▶ <b>HDA100Z</b>	5205
125A, 3 pole	1	▶ <b>HDA125Z</b>	6445
160A, 3 pole	1	▶ <b>HDA160Z</b>	6955



HHA125Z

32A, 4 pole	1	<b>HDA033Z</b>	5985
40A, 4 pole	1	<b>HDA041Z</b>	5985
63A, 4 pole	1	▶ <b>HDA064Z</b>	5985
80A, 4 pole	1	<b>HDA081Z</b>	5985
100A, 4 pole	1	▶ <b>HDA101Z</b>	5985
125A, 4 pole	1	▶ <b>HDA126Z</b>	6770
160A, 4 pole	1	▶ <b>HDA161Z</b>	7365

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
32A, 3 pole	1	<b>HHA032Z</b>	6455
40A, 3 pole	1	<b>HHA040Z</b>	6455
63A, 3 pole	1	▶ <b>HHA063Z</b>	6455
80A, 3 pole	1	<b>HHA080Z</b>	6455
100A, 3 pole	1	▶ <b>HHA100Z</b>	6455
125A, 3 pole	1	▶ <b>HHA125Z</b>	8710
160A, 3 pole	1	▶ <b>HHA160Z</b>	10860

32A, 4 pole	1	<b>HHA033Z</b>	8805
40A, 4 pole	1	<b>HHA041Z</b>	8805
63A, 4 pole	1	▶ <b>HHA064Z</b>	8805
80A, 4 pole	1	<b>HHA081Z</b>	8805
100A, 4 pole	1	▶ <b>HHA101Z</b>	8805
125A, 4 pole	1	▶ <b>HHA126Z</b>	11260
160A, 4 pole	1	▶ <b>HHA161Z</b>	13660



HDA161U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 3 pole	1	<b>HDA040U</b>	5860
63A, 3 pole	1	▶ <b>HDA063U</b>	5860
80A, 3 pole	1	<b>HDA080U</b>	5860
100A, 3 pole	1	▶ <b>HDA100U</b>	5860
125A, 3 pole	1	▶ <b>HDA125U</b>	6970
160A, 3 pole	1	▶ <b>HDA160U</b>	8075

40A, 4 pole	1	<b>HDA041U</b>	6760
63A, 4 pole	1	▶ <b>HDA064U</b>	6760
80A, 4 pole	1	<b>HDA081U</b>	6760
100A, 4 pole	1	▶ <b>HDA101U</b>	6760
125A, 4 pole	1	▶ <b>HDA126U</b>	8135
160A, 4 pole	1	▶ <b>HDA161U</b>	9055



HHA161U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 3 pole	1	<b>HHA040U</b>	7365
63A, 3 pole	1	▶ <b>HHA063U</b>	7365
80A, 3 pole	1	<b>HHA080U</b>	7365
100A, 3 pole	1	▶ <b>HHA100U</b>	7365
125A, 3 pole	1	▶ <b>HHA125U</b>	8975
160A, 3 pole	1	▶ <b>HHA160U</b>	11050

40A, 4 pole	1	<b>HHA041U</b>	9950
63A, 4 pole	1	▶ <b>HHA064U</b>	9950
80A, 4 pole	1	<b>HHA081U</b>	9950
100A, 4 pole	1	▶ <b>HHA101U</b>	9950
125A, 4 pole	1	▶ <b>HHA126U</b>	11710
160A, 4 pole	1	▶ <b>HHA161U</b>	14320



HNA126U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 3 pole	1	<b>HNA040U</b>	9110
63A, 3 pole	1	<b>HNA063U</b>	9110
80A, 3 pole	1	<b>HNA080U</b>	9110
100A, 3 pole	1	▶ <b>HNA100U</b>	9110
125A, 3 pole	1	▶ <b>HNA125U</b>	10920
160A, 3 pole	1	▶ <b>HNA160U</b>	13660

40A, 4 pole	1	<b>HNA041U</b>	12100
63A, 4 pole	1	<b>HNA064U</b>	12100
80A, 4 pole	1	<b>HNA081U</b>	12100
100A, 4 pole	1	▶ <b>HNA101U</b>	12100
125A, 4 pole	1	▶ <b>HNA126U</b>	13125
160A, 4 pole	1	▶ <b>HNA161U</b>	15620





HNB100U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
200A, 3 pole	1	▶ <b>HNB200Z</b>	13335
250A, 3 pole	1	▶ <b>HNB250Z</b>	16655
200A, 4 pole	1	▶ <b>HNB201Z</b>	13865
250A, 4 pole	1	▶ <b>HNB251Z</b>	18105

**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	<b>HNB100U</b>	10155
125A, 3 pole	1	<b>HNB125U</b>	11320
160A, 3 pole	1	<b>HNB160U</b>	14970
200A, 3 pole	1	▶ <b>HNB200U</b>	15890
250A, 3 pole	1	▶ <b>HNB250U</b>	21405
100A, 4 pole	1	<b>HNB101U</b>	13010
125A, 4 pole	1	<b>HNB126U</b>	13665
160A, 4 pole	1	<b>HNB161U</b>	17230
200A, 4 pole	1	▶ <b>HNB201U</b>	23030
250A, 4 pole	1	▶ <b>HNB251U</b>	25760

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
800A, 3 pole	1	<b>HNE800H</b>	70520
1000A, 3 pole	1	<b>HNE970H</b>	83295
800A, 4 pole	1	<b>HNE801H</b>	87555
1000A, 4 pole	1	<b>HNE971H</b>	110705



**MCCBs trip free switches**

**Switch disconnectors capacity suitable AC22/23A**

**X160 frame MCCB**

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
160A, 3 pole	1	<b>HCA160Z</b>	10010
160A, 4 pole	1	<b>HCA161Z</b>	12225

**X250 frame MCCB**

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
250A, 3 pole	1	<b>HCB250Z</b>	11670
250A, 4 pole	1	<b>HCB251Z</b>	13625



HXA021H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>X160 Frame MCCB</b>			
Auxiliary Contact	1	▶ HXA021H	1120
Alarm Contact	1	▶ HXA024H	1120
Shunt 24V DC	1	HXA001H	2315
Shunt 230V AC	1	HXA004H	2315
UnderVoltage - 240V AC	1	HXA014H	2805
UnderVoltage - 415V AC	1	▶ HXA015H	2805
Direct Rotary Handle	1	HXA030H	1405
Extended Rotary Handle	1	▶ HXA031H	1970
Spreaders - 3P	1	▶ HYA014H	540
Speaders - 4P	1	▶ HYA015H	725
Phase barriers - 3P / 4P	1	▶ HYB019H	205
DIN Rail Adaptor	1	HYA033H	400



HXA030H

<b>X250 Frame MCCB</b>			
Auxiliary Contact	1	▶ HXA021H	1120
Alarm Contact	1	▶ HXA024H	1120
Shunt 24V DC	1	HXA001H	2315
Shunt 230V AC	1	HXA004H	2315
UnderVoltage - 24V DC	1	HXA011H	2805
UnderVoltage - 240V AC	1	▶ HXA014H	2805
UnderVoltage - 415V AC	1	HXA015H	2805
Direct Rotary Handle	1	▶ HXB030H	1475
Extended Rotary Handle	1	▶ HXB031H	2200
Motor Operator 240VAC	1	HXB042H	22670
Spreaders - 3P	1	▶ HYB011H	615
Speaders - 4P	1	▶ HYB012H	840
Phase barriers - 3P / 4P	1	HYB019H	205
Mechanical Interlock	1	HXB065H	12735



HXC021H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>H1000 Frame MCCB</b>			
Auxiliary Contact	1	<b>HXC021H</b>	1195
Alarm Contact	1	<b>HXC024H</b>	1195
Shunt 24V DC	1	<b>HXC001H</b>	2460
Shunt 230V AC	1	<b>HXC004H</b>	2460
UnderVoltage - 24V DC	1	<b>HXE011H</b>	2950
UnderVoltage - 240V AC	1	<b>HXE014H</b>	2950
UnderVoltage - 415V AC	1	<b>HXE015H</b>	2950
Direct Rotary Handle	1	<b>HXE030H</b>	3515
Extended Rotary Handle	1	<b>HXE031H</b>	5060
Motor Operator 240VAC	1	<b>HXE042H</b>	44580
Mechanical Interlock	1	<b>HXE065H</b>	105080



HBA161H

<b>X160 Frame MCCB</b>			
"Idn=300mA fixed sensitivity instantaneous tripping", 125A, 3 Pole	1	<b>HBA127H</b>	15920
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 3 Pole	1	<b>HBA125H</b>	18460
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 3 Pole	1	<b>HBA160H</b>	19740
"Idn=300 mA fixed sensitivity instantaneous tripping", 125A, 4 Pole	1	<b>HBA128H</b>	16565
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 4 Pole	1	<b>HBA126H</b>	19105
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 4 Pole	1	<b>HBA161H</b>	20380

<b>X250 Frame MCCB</b>			
Adjustable sensitivity till 6A, Adjustable tripping 1s, 250A, 4 Pole	1	<b>HBB251H</b>	24835



HI451I

### Manual changeover switches

#### Characteristics:

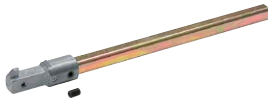
- Comply with EN 60 947-3
- Manual changeover switches, - 63 to 1600A
- Allows manual switch, - changeover switch or on load
- power circuit permutation
- Connection with terminals

- 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	5100
100A	1	▶ HI405I	6745
125A	1	▶ HI451I	10160
160A	1	▶ HI452I	11100
250A	1	▶ HI454I	19320
400A	1	▶ HI456I	29795
630A	1	HI458I	35095
800A	1	HI460I	52525
1250A	1	HI462I	126215
1600A	1	HI464I	174400

\* includes bridging bars & external handle



HZC101I

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



VYE63M

Description	Pack Qty.	Rating	Cat. Ref.	Unit MRP (₹)
63A FP MCOS Hinged Door Box	1	63A	▶ VYE63M	7155
100A FP MCOS Hinged Door Box	1	100A	▶ VYE100M	9105
125A FP MCOS Hinged Door Box	1	125A	▶ VYE125M	13540
160A FP MCOS Hinged Door Box	1	160A	▶ VYE160M	14835
250A FP MCOS Hinged Door Box	1	250A	VYE250M	23835
400A FP MCOS Hinged Door Box	1	400A	VYE400M	36465
630A FP MCOS Hinged Door Box	1	630A	VYE630M	42270
800A FP MCOS Hinged Door Box	1	800A	VYE800M	62705
1250A FP MCOS Hinged Door Box	1	1250A	VYE1250M	153605
1600A FP MCOS Hinged Door Box	1	1600A	VYE1600M	204970



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	▶ <b>HIB412I</b>	54830
160A	1	▶ <b>HIB416I</b>	63305
250A	1	▶ <b>HIB425I</b>	79045
400A	1	<b>HIB440I</b>	97300
630A	1	<b>HIB463I</b>	127670
800A	1	<b>HIB480I</b>	180430
1000A	1	<b>HIB490I</b>	190315
1250A	1	<b>HIB491I</b>	225330
1600A	1	<b>HIB492I</b>	295535

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

### Automatic Transfer Relays

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Controller	1	▶ <b>HZI811I</b>	18010

### Terminal shrouds top and bottom (2 pieces / packaging)

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

### Terminal covers

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

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

# - Prices available upon request



EKS306B

**SPN - Automatic changeover and current limiter**

**Characteristics:**

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

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 30A, Genset 1.5A	1	▶ EKS301B	2175
Mains 30A, Genset 2.5A	1	▶ EKS302B	2175
Mains 30A, Genset 3A	1	▶ EKS303B	2175
Mains 30A, Genset 4A	1	▶ EKS304B	2175
Mains 30A, Genset 5A	1	▶ EKS305B	2175
Mains 30A, Genset 6A	1	▶ EKS306B	2175
Mains 30A, Genset 9A	1	▶ EKS309B	2175
Mains 30A, Genset 12A	1	EKS312B	2175
Mains 30A, Genset 15A	1	EKS315B	2175
Mains 30A, Genset 20A	1	▶ EKS320B	2175
Mains 30A, Genset 30A (without current limiting)	1	▶ EKS330B	2175



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	11215
Mains 40A, Genset 10A	1	EKT410SG	11215
Mains 40A, Genset 16A	1	EKT416SG	11215
Mains 40A, Genset 20A	1	EKT420SG	11215
Mains 40A, Genset 25A	1	EKT425SG	11215
Mains 40A, Genset 30A	1	EKT430SG	11215
Mains 63A, Genset 6A	1	EKT606SG	16555
Mains 63A, Genset 10A	1	EKT610SG	16555
Mains 63A, Genset 16A	1	EKT616SG	16555
Mains 63A, Genset 20A	1	EKT620SG	16555
Mains 63A, Genset 25A	1	EKT625SG	16555
Mains 63A, Genset 30A	1	EKT630SG	16555
Mains 63A, Genset 40A	1	EKT640SG	16555

**TPN / TPN**

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 6A	1	EKT406TG	11750
Mains 40A, Genset 10A	1	EKT410TG	11750
Mains 40A, Genset 16A	1	EKT416TG	11750
Mains 40A, Genset 20A	1	EKT420TG	11750
Mains 40A, Genset 25A	1	EKT425TG	11750
Mains 40A, Genset 30A	1	EKT430TG	11750
Mains 63A, Genset 6A	1	EKT606TG	17090
Mains 63A, Genset 10A	1	EKT610TG	17090
Mains 63A, Genset 16A	1	EKT616TG	17090
Mains 63A, Genset 20A	1	EKT620TG	17090
Mains 63A, Genset 25A	1	EKT625TG	17090
Mains 63A, Genset 30A	1	EKT630TG	17090
Mains 63A, Genset 40A	1	EKT640TG	17090

**TPN / TPN  
(without current limiting)**

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 40A	1	▶ EKT440TG	11750
Mains 63A, Genset 63A	1	▶ EKT663TG	28295

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



NCN106N



NCN206N



NCN306N



NCN406N

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

#### Characteristics:

- Conforms to IS/IEC 60898 - 1:2002, IEC 60898 - 1995
- 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 (₹)
<b>Single Pole</b>					
0.5A, 1 module	12	-	-	<b>NCN100N</b>	480
1A, 1 module	12	-	-	<b>NCN101N</b>	480
2A, 1 module	12	-	-	▶ <b>NCN102N</b>	480
3A, 1 module	12	-	-	▶ <b>NCN103N</b>	480
4A, 1 module	12	-	-	▶ <b>NCN104N</b>	480
6A, 1 module	12	<b>NBN106N</b>	305	▶ <b>NCN106N</b>	305
10A, 1 module	12	<b>NBN110N</b>	305	▶ <b>NCN110N</b>	305
16A, 1 module	12	<b>NBN116N</b>	305	▶ <b>NCN116N</b>	305
20A, 1 module	12	<b>NBN120N</b>	305	▶ <b>NCN120N</b>	305
25A, 1 module	12	<b>NBN125N</b>	305	▶ <b>NCN125N</b>	305
32A, 1 module	12	<b>NBN132N</b>	305	▶ <b>NCN132N</b>	305
40A, 1 module	12	<b>NBN140N</b>	680	▶ <b>NCN140N</b>	680
50A, 1 module	12	<b>NBN150N</b>	680	▶ <b>NCN150N</b>	680
63A, 1 module	12	<b>NBN163N</b>	680	▶ <b>NCN163N</b>	680
<b>Double Pole</b>					
0.5A, 2 module	6	-	-	<b>NCN200N</b>	1310
1A, 2 module	6	-	-	<b>NCN201N</b>	1310
2A, 2 module	6	-	-	▶ <b>NCN202N</b>	1310
3A, 2 module	6	-	-	▶ <b>NCN203N</b>	1310
4A, 2 module	6	-	-	▶ <b>NCN204N</b>	1310
6A, 2 module	6	<b>NBN206N</b>	950	▶ <b>NCN206N</b>	950
10A, 2 module	6	<b>NBN210N</b>	950	▶ <b>NCN210N</b>	950
16A, 2 module	6	<b>NBN216N</b>	950	▶ <b>NCN216N</b>	950
20A, 2 module	6	<b>NBN220N</b>	950	▶ <b>NCN220N</b>	950
25A, 2 module	6	<b>NBN225N</b>	950	▶ <b>NCN225N</b>	950
32A, 2 module	6	<b>NBN232N</b>	950	▶ <b>NCN232N</b>	950
40A, 2 module	6	<b>NBN240N</b>	1530	▶ <b>NCN240N</b>	1530
50A, 2 module	6	<b>NBN250N</b>	1530	▶ <b>NCN250N</b>	1530
63A, 2 module	6	<b>NBN263N</b>	1530	▶ <b>NCN263N</b>	1530
<b>Triple Pole</b>					
0.5A, 3 modules	4	-	-	<b>NCN300N</b>	1935
1A, 3 modules	4	-	-	<b>NCN301N</b>	1935
2A, 3 modules	4	-	-	▶ <b>NCN302N</b>	1935
3A, 3 modules	4	-	-	▶ <b>NCN303N</b>	1935
4A, 3 modules	4	-	-	▶ <b>NCN304N</b>	1935
6A, 3 modules	4	<b>NBN306N</b>	1550	▶ <b>NCN306N</b>	1550
10A, 3 modules	4	<b>NBN310N</b>	1550	▶ <b>NCN310N</b>	1550
16A, 3 modules	4	<b>NBN316N</b>	1550	▶ <b>NCN316N</b>	1550
20A, 3 modules	4	<b>NBN320N</b>	1550	▶ <b>NCN320N</b>	1550
25A, 3 modules	4	<b>NBN325N</b>	1550	▶ <b>NCN325N</b>	1550
32A, 3 modules	4	<b>NBN332N</b>	1550	▶ <b>NCN332N</b>	1550
40A, 3 modules	4	<b>NBN340N</b>	2365	▶ <b>NCN340N</b>	2365
50A, 3 modules	4	<b>NBN350N</b>	2365	▶ <b>NCN350N</b>	2365
63A, 3 modules	4	<b>NBN363N</b>	2365	▶ <b>NCN363N</b>	2365
<b>Four Pole</b>					
0.5A, 4 modules	3	-	-	<b>NCN400N</b>	2420
1A, 4 modules	3	-	-	<b>NCN401N</b>	2420
2A, 4 modules	3	-	-	▶ <b>NCN402N</b>	2420
3A, 4 modules	3	-	-	▶ <b>NCN403N</b>	2420
4A, 4 modules	3	-	-	▶ <b>NCN404N</b>	2420
6A, 4 modules	3	<b>NBN406N</b>	2085	▶ <b>NCN406N</b>	2085
10A, 4 modules	3	<b>NBN410N</b>	2085	▶ <b>NCN410N</b>	2085
16A, 4 modules	3	<b>NBN416N</b>	2085	▶ <b>NCN416N</b>	2085
20A, 4 modules	3	<b>NBN420N</b>	2085	▶ <b>NCN420N</b>	2085
25A, 4 modules	3	<b>NBN425N</b>	2085	▶ <b>NCN425N</b>	2085
32A, 4 modules	3	<b>NBN432N</b>	2085	▶ <b>NCN432N</b>	2085
40A, 4 modules	3	<b>NBN440N</b>	3005	▶ <b>NCN440N</b>	3005
50A, 4 modules	3	<b>NBN450N</b>	3005	▶ <b>NCN450N</b>	3005
63A, 4 modules	3	<b>NBN463N</b>	3005	▶ <b>NCN463N</b>	3005



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 (₹)
<b>Single Pole</b>			
0.5A, 1 module	12	<b>NDN100N</b>	505
1A, 1 module	12	<b>NDN101N</b>	505
2A, 1 module	12	<b>NDN102N</b>	505
3A, 1 module	12	<b>NDN103N</b>	505
4A, 1 module	12	<b>NDN104N</b>	505
6A, 1 module	12	▶ <b>NDN106N</b>	415
10A, 1 module	12	▶ <b>NDN110N</b>	415
16A, 1 module	12	▶ <b>NDN116N</b>	415
20A, 1 module	12	▶ <b>NDN120N</b>	415
25A, 1 module	12	▶ <b>NDN125N</b>	415
32A, 1 module	12	▶ <b>NDN132N</b>	415
40A, 1 module	12	<b>NDN140N</b>	760
50A, 1 module	12	<b>NDN150N</b>	760
63A, 1 module	12	<b>NDN163N</b>	760
<b>Double Pole</b>			
0.5A, 2 modules	6	<b>NDN200N</b>	1295
1A, 2 modules	6	<b>NDN201N</b>	1295
2A, 2 modules	6	<b>NDN202N</b>	1295
3A, 2 modules	6	<b>NDN203N</b>	1295
4A, 2 modules	6	<b>NDN204N</b>	1295
6A, 2 modules	6	▶ <b>NDN206N</b>	1020
10A, 2 modules	6	▶ <b>NDN210N</b>	1020
16A, 2 modules	6	▶ <b>NDN216N</b>	1020
20A, 2 modules	6	▶ <b>NDN220N</b>	1020
25A, 2 modules	6	▶ <b>NDN225N</b>	1020
32A, 2 modules	6	▶ <b>NDN232N</b>	1020
40A, 2 modules	6	▶ <b>NDN240N</b>	1650
50A, 2 modules	6	<b>NDN250N</b>	1650
63A, 2 modules	6	▶ <b>NDN263N</b>	1650
<b>Triple Pole</b>			
0.5A, 3 modules	4	<b>NDN300N</b>	2090
1A, 3 modules	4	<b>NDN301N</b>	2090
2A, 3 modules	4	<b>NDN302N</b>	2090
3A, 3 modules	4	<b>NDN303N</b>	2090
4A, 3 modules	4	<b>NDN304N</b>	2090
6A, 3 modules	4	<b>NDN306N</b>	1650
10A, 3 modules	4	<b>NDN310N</b>	1650
16A, 3 modules	4	▶ <b>NDN316N</b>	1650
20A, 3 modules	4	▶ <b>NDN320N</b>	1650
25A, 3 modules	4	▶ <b>NDN325N</b>	1650
32A, 3 modules	4	▶ <b>NDN332N</b>	1650
40A, 3 modules	4	▶ <b>NDN340N</b>	2540
50A, 3 modules	4	<b>NDN350N</b>	2540
63A, 3 modules	4	▶ <b>NDN363N</b>	2540
<b>Four Pole</b>			
0.5A, 4 modules	3	<b>NDN400N</b>	2475
1A, 4 modules	3	<b>NDN401N</b>	2475
2A, 4 modules	3	<b>NDN402N</b>	2475
3A, 4 modules	3	<b>NDN403N</b>	2475
4A, 4 modules	3	<b>NDN404N</b>	2475
6A, 4 modules	3	<b>NDN406N</b>	2195
10A, 4 modules	3	<b>NDN410N</b>	2195
16A, 4 modules	3	<b>NDN416N</b>	2195
20A, 4 modules	3	<b>NDN420N</b>	2195
25A, 4 modules	3	<b>NDN425N</b>	2195
32A, 4 modules	3	▶ <b>NDN432N</b>	2195
40A, 4 modules	3	▶ <b>NDN440N</b>	3225
50A, 4 modules	3	<b>NDN450N</b>	3225
63A, 4 modules	3	▶ <b>NDN463N</b>	3225





HLF199S



HLF499S



MZ215

### Miniature circuit breakers - type HLF---S

#### Characteristics:

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

Description	Pack Qty.	Cat. Ref. Curve C	Unit MRP (₹)
<b>Single Pole</b>			
80A, 1.5 modules	1	▶ <b>HLF180S</b>	2480
100A, 1.5 modules	1	▶ <b>HLF190S</b>	2755
125A, 1.5 modules	1	▶ <b>HLF199S</b>	2945
<b>Double Pole</b>			
80A, 3 modules	1	▶ <b>HLF280S</b>	5490
100A, 3 modules	1	▶ <b>HLF290S</b>	5795
125A, 3 modules	1	▶ <b>HLF299S</b>	6315
<b>Triple Pole</b>			
80A, 4.5 modules	1	▶ <b>HLF380S</b>	8635
100A, 4.5 modules	1	▶ <b>HLF390S</b>	9110
125A, 4.5 modules	1	▶ <b>HLF399S</b>	10010
<b>Four Pole</b>			
80A, 6 modules	1	▶ <b>HLF480S</b>	11235
100A, 6 modules	1	▶ <b>HLF490S</b>	11565
125A, 6 modules	1	▶ <b>HLF499S</b>	13015

### Auxiliaries & accessories for MCBs, RCCBs & RCBs

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Auxiliary contact (1NO + 1NC), 0.5 module (For MCBs only)	1	▶ <b>MZ201</b>	900
Trip alarm contact (1NO + 1NC), 0.5 module (For MCBs only)	1	▶ <b>MZ202</b>	1060
Shunt trip 230V AC, 1 module	1	▶ <b>MZ203</b>	2590
Shunt trip 12-48V DC, 1 module	1	▶ <b>MZ204</b>	2590
Undervoltage release, 48V DC, 1 module	1	▶ <b>MZ205</b>	2225
Undervoltage release, 230V AC, 1 module	1	▶ <b>MZ206</b>	2225
MCB Locking kit	2	▶ <b>MZN175</b>	580
Auxiliary + alarm switch (for RCCB), 1 module	1	▶ <b>CZ001</b>	1700
Oversvoltage release, 230V AC, U <sub>c</sub> > 280V, 1 module	1	▶ <b>MZ209</b>	2620
Oversvoltage + Low voltage release, 230V AC, 60V AC < U < 170V AC, U > 267V AC, 1 module	1	▶ <b>MZ215</b>	3520
Oversvoltage release, 230V AC, U > 275 V AC, 3 phase in 1 module Suitable for 3Ph+N	1	▶ <b>MZ216</b>	4840

**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 (₹)
<b>Double Pole</b>				
16A, 2 modules	1	10 mA	<b>CC216Y</b>	6075
25A, 2 modules	1	10 mA	<b>CD225Y</b>	6965
	1	30 mA	<b>CD225Y</b>	3330
	1	100 mA	<b>CE225Y</b>	3595
	1	300 mA	<b>CF225Y</b>	3660
40A, 2 modules	1	30 mA	<b>CD240Y</b>	3900
	1	100 mA	<b>CE240Y</b>	4170
	1	300 mA	<b>CF240Y</b>	4260
63A, 2 modules	1	30 mA	<b>CD263Y</b>	4665
	1	100 mA	<b>CE263Y</b>	4950
	1	300 mA	<b>CF263Y</b>	4985



CD440Y

### Four Pole

25A, 4 modules	1	30 mA	<b>CD425Y</b>	4640
	1	100 mA	<b>CE425Y</b>	4805
	1	300 mA	<b>CF425Y</b>	4925
40A, 4 modules	1	30 mA	<b>CD440Y</b>	4605
	1	100 mA	<b>CE440Y</b>	4840
	1	300 mA	<b>CF440Y</b>	4995
63A, 4 modules	1	30 mA	<b>CD463Y</b>	5315
	1	100 mA	<b>CE463Y</b>	5710
	1	300 mA	<b>CF463Y</b>	5710



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 (₹)
<b>Double Pole</b>				
25A, 2 modules	1	30 mA	<b>CH225J</b>	7135
	1	300 mA	<b>CQ225J</b>	7210
40A, 2 modules	1	30 mA	<b>CH240J</b>	7500
	1	300 mA	<b>CQ240J</b>	7460
63A, 2 modules	1	30 mA	<b>CH263J</b>	7715
	1	300 mA	<b>CQ263J</b>	7855



CH440J

### Four Pole

25A, 4 modules	1	30 mA	<b>CH425J</b>	8035
	1	300 mA	<b>CQ425J</b>	8010
40A, 4 modules	1	30 mA	<b>CH440J</b>	8295
	1	300 mA	<b>CQ440J</b>	8345
63A, 4 modules	1	30 mA	<b>CH463J</b>	8515
	1	300 mA	<b>CQ463J</b>	8605



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 (₹)
<b>Double Pole</b>				
6A, 2 modules	1	30 mA	▶ <b>AD956Y</b>	4795
	1	100mA	▶ <b>AE956Y</b>	5085
	1	300 mA	▶ <b>AF956Y</b>	4945
10A, 2 modules	1	30 mA	▶ <b>AD960Y</b>	4795
	1	100mA	▶ <b>AE960Y</b>	5085
	1	300 mA	▶ <b>AF960Y</b>	5030
16A, 2 modules	1	30 mA	▶ <b>AD966Y</b>	4795
	1	100 mA	▶ <b>AE966Y</b>	5085
	1	300 mA	▶ <b>AF966Y</b>	5030
20A, 2 modules	1	30 mA	▶ <b>AD970Y</b>	4795
	1	100 mA	▶ <b>AE970Y</b>	5085
	1	300 mA	▶ <b>AF970Y</b>	5030
25A, 2 modules	1	30 mA	▶ <b>AD975Y</b>	4795
	1	100mA	▶ <b>AE975Y</b>	5085
	1	300 mA	▶ <b>AF975Y</b>	5030
32A, 2 modules	1	30 mA	▶ <b>AD982Y</b>	5045
	1	100mA	▶ <b>AE982Y</b>	5230
	1	300 mA	▶ <b>AF982Y</b>	5290
40A, 2 modules	1	30 mA	▶ <b>AD990Y</b>	6215
	1	100mA	▶ <b>AE990Y</b>	6355
	1	300 mA	▶ <b>AF990Y</b>	6250



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 (₹)
<b>Double Pole</b>				
6A, 2 modules	1	30 mA	<b>ADH956</b>	9055
	1	300 mA	<b>AFH956</b>	9585
10A, 2 modules	1	30 mA	<b>ADH960</b>	9055
	1	300 mA	<b>AFH960</b>	9585
16A, 2 modules	1	30 mA	<b>ADH966</b>	9055
	1	300 mA	<b>AFH966</b>	9585
20A, 2 modules	1	30 mA	<b>ADH970</b>	9055
	1	300 mA	<b>AFH970</b>	9585
25A, 2 modules	1	30 mA	<b>ADH975</b>	9165
	1	300 mA	<b>AFH975</b>	9585
32A, 2 modules	1	30 mA	<b>ADH982</b>	9685
40A, 2 modules	1	30 mA	<b>ADH990</b>	11275



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

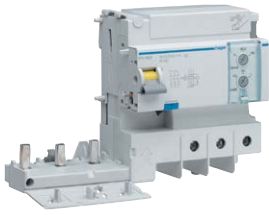
Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
<b>Double Pole</b>				
6A, 4 modules	1	30 mA	▶ <b>ADC206Y</b>	4130
	1	100 mA	<b>AEC206Y</b>	5140
10A, 4 modules	1	30 mA	▶ <b>ADC210Y</b>	4090
	1	100 mA	<b>AEC210Y</b>	5140
16A, 4 modules	1	30 mA	▶ <b>ADC216Y</b>	3960
	1	100 mA	<b>AEC216Y</b>	4945
	1	300 mA	<b>AFC216Y</b>	5115
25A, 4 modules	1	30 mA	▶ <b>ADC225Y</b>	3960
	1	100 mA	<b>AEC225Y</b>	4855
	1	300 mA	<b>AFC225Y</b>	5115
32A, 4 modules	1	30 mA	▶ <b>ADC232Y</b>	4325
	1	100 mA	<b>AEC232Y</b>	4945
	1	300 mA	<b>AFC232Y</b>	5115
40A, 4 modules	1	30 mA	▶ <b>ADC240Y</b>	5145
	1	100 mA	<b>AEC240Y</b>	5695
	1	300 mA	<b>AFC240Y</b>	5860
63A, 4 modules	1	30 mA	▶ <b>ADC263Y</b>	6160
	1	100 mA	<b>AEC263Y</b>	6590
	1	300 mA	<b>AFC263Y</b>	6705



ADC425Y

#### Four Pole

16A, 6 modules	1	30 mA	▶ <b>ADC416Y</b>	5575
	1	100 mA	<b>AEC416Y</b>	6280
	1	300 mA	<b>AFC416Y</b>	6480
25A, 6 modules	1	30 mA	▶ <b>ADC425Y</b>	5575
	1	100 mA	<b>AEC425Y</b>	6020
	1	300 mA	<b>AFC425Y</b>	6250
32A, 7 modules	1	30 mA	▶ <b>ADC432Y</b>	5750
	1	100 mA	<b>AEC432Y</b>	6080
	1	300 mA	<b>AFC432Y</b>	6250
40A, 7 modules	1	30 mA	▶ <b>ADC440Y</b>	5835
	1	100 mA	<b>AEC440Y</b>	6260
	1	300 mA	<b>AFC440Y</b>	6375
63A, 7 modules	1	30 mA	▶ <b>ADC463Y</b>	6910
	1	100 mA	<b>AEC463Y</b>	7110
	1	300 mA	<b>AFC463Y</b>	7235



BTC480E

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

#### Characteristics:

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



BTH380E

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>3P Type AC</b>			
125A, 30mA, instantaneous trip, 6 modules	1	<b>BDC380E</b>	13245
125A, adjustable sensitivity – 300/500mA/1A, 6 modules Trip time – Inst, 60 msec, 150 msec	1	<b>BTC380E</b>	14235
<b>4P Type AC</b>			
125A, 30mA, instantaneous trip, 6 modules	1	<b>BDC480E</b>	14920
125A, 300mA, instantaneous trip, 6 modules	1	<b>BFC480E</b>	14340
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	<b>BTC480E</b>	15905
<b>3P Type Hi</b>			
125A, 30mA, instantaneous trip, 6 modules	1	<b>BDH380E</b>	15900
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	<b>BTH380E</b>	19375
<b>4P Type Hi</b>			
125A, 30mA, instantaneous trip, 6 modules	1	<b>BDH480E</b>	17930
125A, 300mA, instantaneous trip, 6 modules	1	<b>BFH480E</b>	18985
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	<b>BTH480E</b>	21450



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 : 25mm<sup>2</sup>
  - flexible conductors : 16mm<sup>2</sup>
- L51 (14x51) :
  - rigid conductors : 35mm<sup>2</sup>
  - flexible conductors : 25mm<sup>2</sup>

Description	Pack Qty.	Characteristics	Cat. Ref.	Unit MRP (₹)
<b>L38 fuse carriers</b>				
690V - 32A	12	Single Pole	▶ <b>LSN501</b>	270
	6	Double Pole	<b>LSN502</b>	480
<b>L51 fuse carriers</b>				
690V - 32A	1	Single Pole	▶ <b>LS601</b>	1060
	1	Double Pole	<b>LS602</b>	2195



LF302G

### HRC cartridge fuses - gG type

Description	Pack Qty.	Characteristics	Amp Rating	Cat. Ref.	Unit MRP (₹)	
<b>Cartridge fuses</b>						
type gG	10	500 V AC	1A	▶ <b>LF301G</b>	55	
10 x 38 mm	10		2A	▶ <b>LF302G</b>	55	
breaking capacity: 120kA	10		4A	▶ <b>LF304G</b>	55	
	10		6A	▶ <b>LF306G</b>	55	
	10		10A	▶ <b>LF310G</b>	55	
	10		12A	▶ <b>LF312G</b>	55	
	10		16A	▶ <b>LF316G</b>	55	
	10		20A	▶ <b>LF320G</b>	55	
	10		25A	▶ <b>LF325G</b>	60	
	10		32A	▶ <b>LF332G</b>	65	
<b>Cartridge fuses</b>						
type gG	10		690 V AC	2A	▶ <b>LF402G</b>	115
14 x 51 mm	10			4A	▶ <b>LF404G</b>	115
breaking capacity:	10			6A	▶ <b>LF406G</b>	115
2 to 25A : 80kA	10	8A		▶ <b>LF408G</b>	115	
32 to 50A : 120kA	10	10A		▶ <b>LF410G</b>	115	
	10	12A		▶ <b>LF412G</b>	115	
	10	16A		▶ <b>LF416G</b>	115	
	10	20A		▶ <b>LF420G</b>	115	
	10	25A		▶ <b>LF425G</b>	115	
	10	500 V AC		32A	▶ <b>LF432G</b>	115
	10			40A	▶ <b>LF440G</b>	115
	10			45A	▶ <b>LF445G</b>	145
	10	400 V AC		50A	▶ <b>LF450G</b>	145



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 (₹)
<b>Type 1 products-main protection</b>				
limp 100kA	1	3P, 4 modules	▶ <b>SP320</b>	27405
limp 50kA	1	1P(N-PE), 2 modules	▶ <b>SP150</b>	12330

#### Type 2 products-main protection

Imax 65kA	1	1P, 1 modules	<b>SPN165R</b>	9340
(with reserve indicator & remote signalling)	1	1P+N, 2 modules	<b>SPN265R</b>	15965
	1	4P,4 modules	▶ <b>SPN465R</b>	31705
Imax 40kA	1	1P, 1 module	<b>SPN140R</b>	7600
(with reserve indicator & remote signalling)	1	4P, 4 modules	<b>SPN440R</b>	27700
Imax 40kA	1	1P, 1 module	<b>SPD140D</b>	5505
	1	1P+N, 2 modules	▶ <b>SPD240D</b>	9340
	1	4P, 4 modules	<b>SPD440D</b>	18340
Imax 15kA	1	1P+N, 2 modules	▶ <b>SPD215D</b>	7905
	1	4P, 4 modules	▶ <b>SPD415D</b>	15050



SPN440R

<b>Phase cartridges for</b>	1	SPN140/240/440R	<b>SPN040R</b>	5185
	1	SPD140/240/440D	<b>SPD040D</b>	3150
	1	SPD(N)115/215/415D	<b>SPD015D</b>	2570
	1	SPN203N	<b>SPN023N</b>	#
	1	SPN403N	<b>SPN043N</b>	#

<b>Neutral cartridges for</b>	1	SPN265/465R	<b>SPN065N</b>	6020
	1	SPN240/440R	<b>SPN040N</b>	5000
	1	SPDxxxD	<b>SPD040N</b>	5030

# - Prices available on request



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 (₹)
<b>Double Pole</b>			
25A, 2 modules	1	▶ SFT225N	2160
40A, 2 modules	1	▶ SFT240N	3290
63A, 4 modules		SF263	3490
<b>Four Pole</b>			
40A, 4 modules	1	▶ SFT440N	5300
63A, 8 modules	1	SF463	5820



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 (₹)
<b>Single Pole</b>			
16A, 1 modules	1	SBN116N	430
<b>Double Pole</b>			
25A, 1 module	1	SBN225N	460
32A, 1 module	1	SBN232N	500
40A, 2 modules	1	▶ SBN240N	555
63A, 2 modules	1	▶ SBN263N	735
100A, 2 modules	1	▶ SBN290N	1010
125A, 2 modules	1	▶ SBN299N	1150
<b>Triple Pole</b>			
32A, 2 module	1	SBN332N	915
40A, 3 modules	1	▶ SBN340N	965
63A, 3 modules	1	▶ SBN363N	1140
100A, 3 modules	1	▶ SBN390N	1290
125A, 3 modules	1	▶ SBN399N	1485
<b>Four Pole</b>			
32A, 2 module	1	SBN432N	990
40A, 4 modules	1	▶ SBN440N	1230
63A, 4 modules	1	▶ SBN463N	1350
100A, 4 modules	1	▶ SBN490N	1670
125A, 4 modules	1	▶ SBN499N	1845



SBN440N



# Time to switch.

The Time Switches Range  
from Hager

:hager

# Energy & Lighting Control

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



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SVN126

### Indicating lights (LED)

#### Characteristics:

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Green, 1 module	12	▶ <b>SVN121</b>	705
Red, 1 module	12	▶ <b>SVN122</b>	705
Orange, 1 module	12	▶ <b>SVN123</b>	705
Blue, 1 module	12	▶ <b>SVN124</b>	705
Red+Green indicator, 1 module	12	<b>SVN126</b>	910
Red+Green+Orange indicator, 1 module	12	▶ <b>SVN129</b>	1295
Red+Orange+Blue (RYB) indicator, 1 module	12	▶ <b>SVN222</b>	1295



SVN312

### Push buttons

#### Characteristics:

- Latching push buttons for actuating loads directly or via contactors

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>16A without indicator</b>			
1NO, 1 module	1	<b>SVN312</b>	1240
2NO, 1 module	1	<b>SVN332</b>	1270
1NO + 1NC, 1 module	1	<b>SVN352</b>	1270

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>16A with green indicator</b>			
1NO, 1 module	1	<b>SVN413</b>	1760



ESC463

### Contactors

#### Characteristics:

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>Type 1 products-main protection</b>			
2 NO, 25A, 1 module	1	▶ <b>ESC225</b>	1970
1 NO+1NC, 25A, 1 module	1	<b>ESC227</b>	2140
2 NO, 40A, 3 modules	1	▶ <b>ESC240</b>	3430
2 NO, 63A, 3 modules	1	▶ <b>ESC263</b>	4670
3 NO, 40A, 3 modules	1	<b>ESC340</b>	4685
3 NO, 63A, 3 modules	1	<b>ESC363</b>	5620
4 NO, 25A, 3 modules	1	<b>ESC425</b>	3070
4 NO, 40A, 3 modules	1	▶ <b>ESC440</b>	5635
2 NO+2NC, 40A, 3 modules	1	<b>ESC442</b>	5145
3 NO+1NC, 40A, 3 modules	1	<b>ESC443</b>	5010
4 NO, 63A, 3 modules	1	▶ <b>ESC463</b>	6715
2NO+2NC, 63A, 3 modules	1	▶ <b>ESC465</b>	6010
3NO+1NC, 63A, 3 modules	1	<b>ESC466</b>	6290
Auxiliary contact 1NO+1NC	1	<b>ESC080</b>	1875



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	▶ <b>EH011</b>	2950
Quartz 1 channel 1 daily dial 3 modules	1	▶ <b>EH111</b>	3025
Quartz 1 channel 1 daily dial	1	▶ <b>EH711</b>	2850
Quartz 1 channel weekly dial	1	▶ <b>EH771</b>	3210



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	▶ <b>EG103E</b>	7280



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	▶ <b>EE180</b>	9335
Astro time switch with USB key, 2 channels	1	▶ <b>EE181</b>	10770
PC programming kit for EE180, EE181, EG103E	1	<b>EG003U</b>	9285
Spare USB key	1	<b>EG005</b>	985



EE702

### Twilight switches

#### Characteristics:

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Programmable twilight + electromechanical time switch delivered with surface cell, 5 modules	1	<b>EE110</b>	15925
Outdoor IP54 twilight switch 2 to 1000 lux	1	<b>EE702</b>	6695
Spare IP54 surface cell for EE100 & 110	1	<b>EE003</b>	6365



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 (₹)
<b>Movement detectors</b>			
Single lens, 360°, 6m dia detection	1	▶ <b>EE804A</b>	4875
10A AC 1, 1 channel, surface mounted	1		
Single lens, 360°, 6m dia detection	1	▶ <b>EE805A</b>	4875
10A AC 1, 1 channel, flush mounted	1		
<b>Presence detectors</b>			
Dual lens, 360°, 13m x 7m detection	1	▶ <b>EE810</b>	9495
16A AC 1, 1 channel, surface mounted			
Dual lens, 360°, 13m x 7m detection	1	▶ <b>EE811</b>	10940
16A & 2A AC 1, 2 channels, surface mounted			
Monobloc, 360°, 7m x 7m detection	1	▶ <b>EE815</b>	10385
16A AC 1, daylight override, flush mounted, IR remote (accessory)			
Monobloc, 360°, 7m x 7m detection	1	▶ <b>EE816</b>	13915
16A AC 1, daylight regulation, DALI/DSI, IR remote (accessory)			
Hyper frequency motion detector	1	▶ <b>EE883</b>	13025
1 channel, Area detection: 1m - 8m, Surface mounted, Time delay: 5s - 15mins			
IR motion detector for Corridors	1	▶ <b>EE880</b>	10340
Area detection: 20m x 4m, Surface mounted Time delay: 5s - 15mins			



EE880



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 (₹)
<b>Comfort range</b>			
Movement detector, 140°, 16m front detection, 10A AC 1	1	▶ <b>EE820</b>	6140
Movement detector, 200°, 16m front detection, 10A AC 1	1	▶ <b>EE830</b>	6990
Movement detector, 360°, 10m dia detection, 10A AC 1	1	▶ <b>EE840</b>	7950
<b>Enhanced range</b>			
Movement detector, 140°, 16m front detection, 16A AC 1	1	▶ <b>EE850</b>	7980
Movement detector, 220°, 16m front detection, 16A AC 1	1	▶ <b>EE860</b>	8910
Movement detector, 220+360°, 16m front + 6m dia, 16A AC 1	1	▶ <b>EE870</b>	9970



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	<b>EE806</b>	4645
Installer remote control for EE815 & EE816	1	<b>EE807</b>	8690
User remote control for EE816	1	<b>EE808</b>	6300
Surface mounting box (for EE810, EE811, EE812)	1	<b>EE813</b>	665



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	<b>EVN012</b>	9865
500 Watts, 230V, 50 Hz suitable for incandescent, halogen 230V, halogen VLV(12 or 24V) via ferromagnetic & electronic transformer, scene input	1	▶ <b>EVN004</b>	15140
1000 Watts, 230V, 50 Hz suitable for incandescent, halogen 230V, fluorescent lamp, halogen VLV(12 or 24V) via ferromagnetic & electronic transformer, scene input	1	<b>EV102</b>	17030
1/10 V Pilot dimmers with scene input to control several EV102 with adjustable preset levels & time delays	1	<b>EV108</b>	18635

# Wiring Accessories

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





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WSNSW11

**insysta™ 6AX switches**

Description	Module size	Cat. No.	Unit MRP - ₹
1 way glossy white	1	WSNSW11	155
1 way glossy white with LED	1	WSNSL11	235
1 way anthracite	1	WSNSW11A	186
1 way anthracite with LED	1	WSNSL11A	280
2 way glossy white	1	WSNSW21	210
2 way anthracite	1	WSNSW21A	250



WSNSW31

**insysta™ 10AX switches**

Description	Module size	Cat. No.	Unit MRP - ₹
1 way glossy white	1	WSNSW31	185
1 way anthracite	1	WSNSW31A	220



WSNSW61

**insysta™ 16AX switches**

Description	Module size	Cat. No.	Unit MRP - ₹
1 way glossy white	1	WSNSW51	275
1 way glossy white with LED	1	WSNSL51	265
1 way anthracite	1	WSNSW51A	300
1 way anthracite with LED	1	WSNSL51A	325
2 way glossy white	1	WSNSW61	300
2 way anthracite	1	WSNSW61A	365



WSNSL71

**insysta™ 20AX switches**

Description	Module size	Cat. No.	Unit MRP - ₹
1 way glossy white	1	WSNSW71	270
1 way glossy white with LED	1	WSNSL71	290
1 way anthracite	1	WSNSW71A	330
1 way anthracite with LED	1	WSNSL71A	350



WSNMS12

**insysta™ 25A motor starter switches**

Description	Module size	Cat. No.	Unit MRP - ₹
glossy white	3	WSNMS12	685
anthracite	3	WSNMS12A	825



WSNSW81

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

Description	Module size	Cat. No.	Unit MRP - ₹
20A DP 1 way glossy white	2	WSNSW81	595
20A DP 1 way anthracite	2	WSNSW81A	710
32A DP 1 way glossy white	2	WSNSL92	840
32A DP 1 way anthracite	2	WSNSL92A	1010

### insysta™ Push button



WSNBP11

Description	Module size	Cat. No.	Unit MRP - ₹
6A glossy white	1	WSNBP11	215
6A glossy white with Indicator	1	WSNBP21	290
6A glossy white	2	WSNBP12	315
6A glossy white with Indicator	2	WSNBP22	375
6A anthracite	1	WSNBP11A	260
6A anthracite with Indicator	1	WSNBP21A	350
6A anthracite	2	WSNBP12A	375
6A anthracite with Indicator	2	WSNBP22A	450

### insysta™ Sockets



WSNSK42

Description	Module size	Cat. No.	Unit MRP - ₹
6 / 16A glossy white Protruded	2	WSNSK42	360
6 / 16A glossy white	3	WSNSK53	435
6 / 16A anthracite Protruded	2	WSNSK42A	430
6 / 16A anthracite	3	WSNSK53A	520
6A Indian socket glossy white	2	WSNSK72	275
6A Indian socket anthracite	2	WSNSK72A	350

### insysta™ Regulators & dimmers



WSNFC22

Description	Module size	Cat. No.	Unit MRP - ₹
100W glossy white fan regulator	1	WSNFC11	725
120W glossy white fan regulator	2	WSNFC22	990
400W glossy white incandescent rotary dimmer	1	WSNDM11	865
1000W glossy white incandescent rotary dimmer	2	WSNDM22	1730
100W anthracite fan regulator	1	WSNFC11A	865
120W anthracite fan regulator	2	WSNFC22A	1185
400W anthracite incandescent rotary dimmer	1	WSNDM11A	1040
1000W anthracite incandescent rotary dimmer	2	WSNDM22A	2080

### insysta™ Data sockets



WSNDS11

Description	Module size	Cat. No.	Unit MRP - ₹
glossy white RJ11 single	1	WSNDS11	230
glossy white RJ11 twin	1	WSNDS21	315
glossy white RJ45 cat 5e	1	WSNDS31	570
glossy white RJ45 cat 6	1	WSNDS41	670
anthracite RJ11 single	1	WSNDS11A	275
anthracite RJ11 twin	1	WSNDS21A	375
anthracite RJ45 cat 5e	1	WSNDS31A	685
anthracite RJ45 cat 6	1	WSNDS41A	805

### insysta™ VDI module & accessories



WSNDT11



WSNDT31

Description	Module size	Cat. No.	Unit MRP - ₹
glossy white HDMI Port	1	WSNDT21	1645
glossy white 3x female RCA AV Connector	1	WSNDT31	2175
glossy white female HD VGA 15AV Connector	1	WSNDT42	2800
glossy white Co-Axial TV socket	1	WSNDT11	185
glossy white cord outlet	1	WSNDS71	245
glossy white blanking plate	1	WSNBK11	45
anthracite HDMI Port	1	WSNDT21A	1975
anthracite 3x female RCA AV Connector	1	WSNDT31A	2605
anthracite female HD VGA 15AV Connector	1	WSNDT42A	3355
anthracite Co-Axial TV socket	1	WSNDT11A	225
anthracite cord outlet	1	WSNDS71A	295
anthracite blanking plate	1	WSNBK11A	50



WSNDS51

insysta™ USB sockets

Description	Module size	Cat. No.	Unit MRP - ₹
glossy white USB Port	1	WSNDS51	1315
anthracite USB Port	1	WSNDS51A	1580
2A glossy white USB charger	1	WSNDS61	2415
2A anthracite USB charger	1	WSNDS61A	2740



WSNHS22

insysta™ Hospitality range

Description	Module size	Cat. No.	Unit MRP - ₹
<b>DND / MMR</b>			
glossy white external DND/MMR with door bell switch & light indicator for DND/MMR	2	WSNHS12	1575
glossy white internal DND/MMR control & light indicator for DND/MMR	2	WSNHS22	1155
anthracite external DND/MMR with door bell switch & light indicator DND/MMR	2	WSNHS12A	1890
anthracite internal DND/MMR control & light indicator for DND/MMR	2	WSNHS22A	1385
<b>Hotel card unit</b>			
glossy white hotel key card	3	WSNHS32	4410
anthracite hotel key card	3	WSNHS32A	5290
<b>Shaver socket</b>			
glossy white shaver socket	4	WSNHS44	4725
anthracite shaver socket	4	WSNHS44A	5670
<b>Skirting light</b>			
glossy white skirting light with white LED	2	WSNHS52	840
anthracite skirting light with white LED	2	WSNHS52A	1010
<b>Buzzer</b>			
glossy white buzzer	2	WSNHS62	1050
anthracite buzzer	2	WSNHS62A	1260
<b>Volume controller</b>			
glossy white volume controller	2	WSNHS72	1315
anthracite volume controller	2	WSNHS72A	1510



WSNHS12



WSNHS62

insysta™ Cover plates - Plastic



WSNCG1

Pack Qty.	Module size	Glossy white		Anthracite		Aluminium	
		Cat. No.	Unit MRP - ₹	Cat. No.	Unit MRP - ₹	Cat. No.	Unit MRP - ₹
15	1	WSNCG1	140	WSNCG1A	245	WSNCG1S	240
15	2	WSNCG2	145	WSNCG2A	260	WSNCG2S	255
10	3	WSNCG3	165	WSNCG3A	280	WSNCG3S	275
10	4	WSNCG4	170	WSNCG4A	320	WSNCG4S	315
5	6	WSNCG6	315	WSNCG6A	540	WSNCG6S	530
5	8	WSNCG8	340	WSNCG8A	595	WSNCG8S	585
5	8	WSNCGS8	440	WSNCGS8A	760	WSNCGS8S	745
5	12	WSNCG12	560	WSNCG12A	985	WSNCG12S	965
5	18	WSNCG18	760	WSNCG18A	1295	WSNCG18S	1270

insysta™ Cover plates - Real material



WSNCG1GW

Pack Qty.	Module size	White glass		Black glass	
		Cat. No.	Unit MRP - ₹	Cat. No.	Unit MRP - ₹
1	1	WSNCG1GW	1740	WSNCG1GB	1800
1	2	WSNCG2GW	1960	WSNCG2GB	2015
1	3	WSNCG3GW	2485	WSNCG3GB	2540
1	4	WSNCG4GW	2565	WSNCG4GB	2615
1	6	WSNCG6GW	3700	WSNCG6GB	3755
1	8	WSNCG8GW	4305	WSNCG8GB	4360
1	8	WSNCGS8GW	4295	WSNCGS8GB	4345
1	12	WSNCG12GW	4845	WSNCG12GB	4900



WSNG3

**insysta™ Grid plates - Real material**

Description	Pack Qty.	Module size	Cat. No.	Unit MRP - ₹
Grid Plate - 1 module	1	1	<b>WSNG1</b>	85
Grid Plate - 2 module	1	2	<b>WSNG2</b>	85
Grid Plate - 3 module	1	3	<b>WSNG3</b>	95
Grid Plate - 4 module	1	4	<b>WSNG4</b>	130
Grid Plate - 6 module	1	6	<b>WSNG6</b>	175
Grid Plate - 8 module (Horizontal)	1	8	<b>WSNG8</b>	215
Grid Plate - 8 module (Square)	1	8	<b>WSNG8S</b>	225
Grid Plate - 12 module	1	12	<b>WSNG12</b>	325



WSNMB3

**insysta™ Wall boxes**

Description	Pack Qty.	Module size	Cat. No.	Unit MRP - ₹
Metal Mounting Boxes 1 & 2	60	2	<b>WSNMB2</b>	105
Metal Mounting Boxes 3 module	45	3	<b>WSNMB3</b>	105
Metal Mounting Boxes 4 module	30	4	<b>WSNMB4</b>	140
Metal Mounting Boxes 6 module	20	6	<b>WSNMB6</b>	215
Metal Mounting Boxes 8 module (Horizontal)	15	8	<b>WSNMB8H</b>	250
Metal Mounting Boxes 8 module (Square)	24	8	<b>WSNMB8R</b>	250
Metal Mounting Boxes 12 module	16	12	<b>WSNMB12</b>	375
Metal Mounting Boxes 18 module	10	18	<b>WSNMB18</b>	475

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**Dispatch lead time for non-stockable references:**

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

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- Price means Maximum Retail Price (M.R.P).
- This price list supercedes all previous price list.
- Price is in Indian Rupees ( ₹ ) and inclusive of GST / taxes / duties as applicable.
- Delivery term is "Door Delivery".
- Prices are subject to revision without notice. All dispatch will be as per price prevailing on the date of invoice.
- Enclosures / Distribution Boards have the provision for fixing the component as shown in the photograph.
- For all Insysta Color reference and real material, minimum ordering quantity will be applicable. Please connect with sales representative for details regarding MOQ.
- All the products listed in the price list carry a warranty, against manufacturing defects for a period of 24 months from the date of 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.

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