

# Energy distribution, Controls & Wiring accessories.

## Pricelist with effect from 18<sup>th</sup> January, 2021

**VRAJ LINK**

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**hager**



**The reliable  
partner for  
intelligent  
solutions.**

# Under one roof

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**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.





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## 01 Distribution boards

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



16-25

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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



30-52

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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



56-59

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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



62-65

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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	16
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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>	1365
8 way, 8 modules	1	<b>VYS08C</b>	1720
12 way, 12 modules	1	<b>VYS12C</b>	2035
16 way, 16 modules	1	<b>VYS16C</b>	2510
18 way, 18 modules	1	<b>VYS18C</b>	2820



VYS12D

### IP43 Double Door DBs

Description	Pack Qty.	Cat. Ref. plain door	Unit MRP (₹)
4 way, 4 modules	1	▶ <b>VYS04D</b>	1865
6 way, 6 modules	1	▶ <b>VYS06D</b>	2090
8 way, 8 modules	1	▶ <b>VYS08D</b>	2315
12 way, 12 modules	1	▶ <b>VYS12D</b>	2780
16 way, 16 modules	1	▶ <b>VYS16D</b>	3535
18 way, 18 modules	1	▶ <b>VYS18D</b>	3875

- 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>	3485
6 way, 4+18 modules	1	<b>VYT06CD</b>	4230
4 way, 8+12 modules	1	<b>VYT04CH</b>	3820
6 way, 8+18 modules	1	<b>VYT06CH</b>	4710
8 way, 8+24 modules	1	<b>VYT08CH</b>	5535
12 way, 8+36 modules	1	<b>VYT12CH</b>	8210

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

Description	Pack Qty.	Cat. Ref. plain door	Unit MRP (₹)
4 way, 4+12 modules	1	▶ <b>VYT04DD</b>	4360
6 way, 4+18 modules	1	▶ <b>VYT06DD</b>	5240
4 way, 8+12 modules	1	▶ <b>VYT04DH</b>	4545
6 way, 8+18 modules	1	▶ <b>VYT06DH</b>	5600
8 way, 8+24 modules	1	▶ <b>VYT08DH</b>	6720
12 way, 8+36 modules	1	▶ <b>VYT12DH</b>	10055
16 way, 8+48 modules	1	<b>VYT16DH</b>	12470



VYT06DH

- 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>	8430
6+2 way, 8+6+18 modules	1	▶ <b>VYH06DH</b>	9935
8+2 way, 8+6+24 modules	1	▶ <b>VYH08DH</b>	13700
12+2 way, 8+6+36 modules	1	▶ <b>VYH12DH</b>	16445

### 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>	9460
8+2 way, 8+6+24 modules	1	▶ <b>VYP08DH</b>	11160
10+2 way, 8+6+30 modules	1	▶ <b>VYP10DH</b>	11575
12+2 way, 8+6+36 modules	1	▶ <b>VYP12DH</b>	12545
16+2 way, 8+6+48 modules	1	<b>VYP16DH</b>	13245
12+2 way, MCCB*+ 6 + 36 modules	1	<b>VYP12DM</b>	12685



VYP10DH

- \*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-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>	11090
6 way, 12+18 modules	1	▶ <b>VYV06DL-P</b>	12395
8 way, 12+24 modules	1	▶ <b>VYV08DL-P</b>	13610
12 way, 12+36 modules	1	▶ <b>VYV12DL-P</b>	19160
16 way, 12+48 modules	1	<b>VYV16DL-P</b>	23680

**Metering Box**

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Ext Box for VTPN DD DB	1	<b>VYV00M</b>	6030

- 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
- 160 frame 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>	13730
6 way, MCCB+18 modules	1	▶ <b>VYV06DM-P</b>	15600
8 way, MCCB+24 modules	1	▶ <b>VYV08DM-P</b>	17170
12 way, MCCB+36 modules	1	▶ <b>VYV12DM-P</b>	22960
16 way, MCCB+48 modules	1	<b>VYV16DM-P</b>	27255

**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>	13730
6 way, MCCB+18 modules	1	▶ <b>VYV06DM-P160</b>	15600
8 way, MCCB+24 modules	1	▶ <b>VYV08DM-P160</b>	17170
12 way, MCCB+36 modules	1	▶ <b>VYV12DM-P160</b>	22960
16 way, MCCB+48 modules	1	<b>VYV16DM-P160</b>	27255

**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 MCCB incomer & SP/TP MCBs as outgoing
- Accessories:
  - 250A rated busbar
  - Blanking plates
  - Cable management kit
  - Identification labels as standard



VYV06DM2-P

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, MCCB+12 modules	1	▶ <b>VYV04DM2-P</b>	25480
6 way, MCCB+18 modules	1	▶ <b>VYV06DM2-P</b>	27780
8 way, MCCB+24 modules	1	▶ <b>VYV08DM2-P</b>	29720
12 way, MCCB+36 modules	1	▶ <b>VYV12DM2-P</b>	31410
16 way, MCCB+48 modules	1	<b>VYV16DM2-P</b>	35370





VYG08DL

### TPN phase segregated distribution boards

#### Characteristics:

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

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

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

Description	Pack Qty.	Cat. Ref. modular incomer	Unit MRP (₹)	Cat. Ref. MCCB incomer*	Unit MRP (₹)
4 way, 12+12+12 modules	1	▶ VYG04DL	11910	VYG04DM	17005
6 way, 12+12+18 modules	1	▶ VYG06DL	13415	VYG06DM	19435
8 way, 12+12+24 modules	1	▶ VYG08DL	14970	VYG08DM	22260
12 way, 12+12+36 modules	1	▶ VYG12DL	18620	VYG12DM	25380

- \*Provision to mount X160 frame H3 MCCB



VYC06DH

### TPN phase selector distribution boards

#### Characteristics:

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

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

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
4 way, 8+12 modules	1	VYC04DH	15805
6 way, 8+18 modules	1	▶ VYC06DH	16055
8 way, 8+24 modules	1	▶ VYC08DH	17205
12 way, 8+36 modules	1	▶ VYC12DH	19365



VYF414D

### flexi distribution boards

#### Characteristics:

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

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

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
2 row, 28 modules	1	▶ VYF214D	5810
3 row, 42 modules	1	▶ VYF314D	6975
4 row, 40 modules	1	▶ VYF410D	6930
4 row, 56 modules	1	▶ VYF414D	7600
4 row, 64 modules	1	VYF416D	8960

- 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>	720
4 way, 4 modules	1	▶ <b>VYM04C</b>	720
6 way, 6 modules	1	▶ <b>VYM06C</b>	1210
8 way, 8 modules	1	▶ <b>VYM08C</b>	1210
metal enclosure hinged door, 3 pole, x160 frame MCCB	1	▶ <b>VYM160HM</b>	2730
metal enclosure hinged door, 4 pole, x160 frame MCCB	1	▶ <b>VYM161HM</b>	2730
metal enclosure hinged door, 3 pole, x250 frame MCCB	1	▶ <b>VYM250HM</b>	7130
metal enclosure hinged door, 4 pole, x250 frame MCCB	1	▶ <b>VYM251HM</b>	7130
160A 3P MCCB h3+ Enclosure	1	<b>VYM160HM-P160</b>	2730
160A 4P MCCB h3+ Enclosure	1	<b>VYM161HM-P160</b>	2730
250A 3P MCCB h3+ Enclosure	1	<b>VYM250HM-P250</b>	7130
250A 4P MCCB h3+ Enclosure	1	<b>VYM251HM-P250</b>	7130



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>	1515
20A 2 Pin + SC*, 1 modules	1	▶ <b>VYA120C</b>	1625
20A 2 Pin + SC*, 2 modules	1	▶ <b>VYA220C</b>	1775
20A 3 Pin + SC*, 4 modules	1	▶ <b>VYA420C</b>	2650
32A 3 Pin + SC*, 4 modules	1	▶ <b>VYA432C</b>	3570
63A 5 Pin + SC*, 8 modules	1	▶ <b>VYA863C</b>	13220

\* 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>	2645
32A 3 Pin, 4 modules	1	▶ <b>VYB432C</b>	2860
32A 5 Pin, 8 modules	1	▶ <b>VYB832C</b>	5205
63A 5 Pin, 8 modules	1	▶ <b>VYB863C</b>	13100



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>	170	10A 2P+E Metal Socket	<b>VZ140I</b>	175
20A 2P+E Metal Plug	10	▶ <b>VZ131I</b>	180	20A 2P+E Metal Socket	▶ <b>VZ141I</b>	195
20A 3P+E Metal Plug	10	▶ <b>VZ132I</b>	245	20A 3P+E Metal Socket	▶ <b>VZ142I</b>	265
32A 3P+E Metal Plug	5	▶ <b>VZ133I</b>	440	32A 3P+E Metal Socket	▶ <b>VZ143I</b>	440
63A 5P Metal Plug	1	<b>VZ134I</b>	2060	63A 5P Metal Socket	<b>VZ144I</b>	2185

## 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	Pack Qty.	Cat. Ref.	Unit MRP (₹)
CEB for 4 way SPN DD DB	1	<b>VYS04E</b>	785
CEB for 6 way SPN DD DB	1	<b>VYS06E</b>	810
CEB for 8 way SPN DD DB	1	<b>VYS08E</b>	920
CEB for 12 way SPN DD DB	1	▶ <b>VYS12E</b>	1045
CEB for 16 way SPN DD DB	1	<b>VYS16E</b>	1475
CEB for 18 way SPN DD DB	1	<b>VYS18E</b>	1530

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

CEB for 4 way TPN DD DB	1	▶ <b>VYT04E</b>	1335
CEB for 6 way TPN DD DB	1	▶ <b>VYT06E</b>	1450
CEB for 8 way TPN DD DB	1	▶ <b>VYT08E</b>	2545
CEB for 12 way TPN DD DB	1	<b>VYT12E</b>	3400
CEB for 16 way TPN DD DB	1	<b>VYT16E</b>	3400

### CEB for TPN Horizontal PPI DB

CEB for 2 + 4 way Horizontal PPI DD DB	1	<b>VYH04E</b>	1380
CEB for 2 + 6 way Horizontal PPI DD DB	1	<b>VYH06E</b>	2165
CEB for 2 + 8 way Horizontal PPI DD DB	1	<b>VYH08E</b>	2535
CEB for 2 + 12 way Horizontal PPI DD DB	1	<b>VYH12E</b>	2865



VYH08E

### CEB for TPNTier PPI DB

CEB for 2 + 6 way Tier PPI DD DB	1	<b>VYP06E</b>	1140
CEB for 2 + 8 way Tier PPI DD DB	1	<b>VYP08E</b>	1160
CEB for 2 + 10 way Tier PPI DD DB	1	<b>VYP10E</b>	1435
EB for 2 + 12 way Tier PPI DD DB	1	<b>VYP12E</b>	2150
CEB for 2 + 12 way Tier PPI DD DB (MCCB)	1	<b>VYP12EM</b>	2290

### CEB for vertical TPN DB

CEB for Vertical TPN DD DB	1	<b>VYV00E</b>	3670
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### CEB for Flexi DB

CEB for 14Mod flexy DB	1	<b>VYF14E</b>	1180
CEB for 16Mod flexy DB	1	<b>VYF16E</b>	1440

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

### Characteristics:

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



VZ100i

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Keylock + 2 keys	10	<b>VZ100i</b>	1255
Door handle for novello <sup>+</sup> TPN	10	<b>VZ101i</b>	550
Neutral link 5 connection	10	<b>VZ110i</b>	140
Neutral link 9 connection	10	<b>VZ111i</b>	190
Neutral link 15 connection	10	<b>VZ112i</b>	260
Neutral link 19 connection	10	<b>VZ113i</b>	300
4 way 8 Segment cover plate - 4 Mod	5	<b>VZ120i</b>	300
8 way 8 Segment cover plate - 4 Mod	5	<b>VZ121i</b>	365
6 way 8 Segment cover plate - 4 Mod	5	<b>VZ122i</b>	425
12 way 8 Segment cover plate - 4 Mod	5	<b>VZ123i</b>	485



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>	1300
1 row 8 modules (8 way SPN DB)	1	<b>VF108PJ</b>	▶ <b>VF108TJ</b>	1710
1 row 12 modules (12 way SPN DB)	1	<b>VF112PJ</b>	▶ <b>VF112TJ</b>	2175
1 row 18 modules (18 way SPN DB)	1	<b>VF118PJ</b>	▶ <b>VF118TJ</b>	2895
2 row 24 modules (6 way TPN DB)	1	<b>VF212PJ</b>	▶ <b>VF212TJ</b>	3330
2 row 36modules (8 way TPN DB)	1	<b>VF218PJ</b>	▶ <b>VF218TJ</b>	4520
3 row 36 modules (8 way TPN DB)	1	<b>VF312PJ</b>	▶ <b>VF312TJ</b>	4345
4 row 48 modules (12 way TPN DB)	1	<b>VF412PJ</b>	▶ <b>VF412TJ</b>	5320

### 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>	1300
1 row 8 modules (8 way SPN DB)	1	<b>VS108PJ</b>	<b>VS108TJ</b>	1710
1 row 12 modules (12 way SPN DB)	1	<b>VS112PJ</b>	<b>VS112TJ</b>	2175
1 row 18 modules (18 way SPN DB)	1	<b>VS118PJ</b>	<b>VS118TJ</b>	2895
2 row 24 modules (6 way TPN DB)	1	<b>VS212PJ</b>	<b>VS212TJ</b>	3330
2 row 36modules (8 way TPN DB)	1	<b>VS218PJ</b>	<b>VS218TJ</b>	4520
3 row 36 modules (8 way TPN DB)	1	<b>VS312PJ</b>	<b>VS312TJ</b>	4345
4 row 48 modules (12 way TPN DB)	1	<b>VS412PJ</b>	<b>VS412TJ</b>	5320



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>	2175
1 row 6 modules	1	▶ <b>VE106L</b>	2705
1 row 10 modules	1	▶ <b>VE110L</b>	3770
1 row 12 modules	1	▶ <b>VE112L</b>	4470
1 row 18 modules	1	▶ <b>VE118L</b>	5320
2 row 24 modules	1	▶ <b>VE212L</b>	6065
2 row 36 modules	1	<b>VE218L</b>	8960
3 row 36 modules	1	<b>VE312L</b>	8205
4 row 48 modules	1	<b>VE412L</b>	11635
3 row 54 modules	1	<b>VE318L</b>	13270
vector IP65 Key lock	1	<b>VZ311</b>	565

## 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)

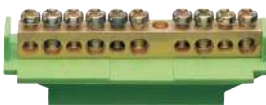
Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1 pole 1 mod step, 12 mod	100	▶ <b>KDN163A</b>	330
1 pole 1 mod step, 56 mod	50	▶ <b>KD163B</b>	1240
2 pole 2 mod step, 12 mod	50	<b>KDN263A</b>	560
2 pole 2 mod step, 56 mod	20	▶ <b>KD263B</b>	2370
3 pole 3 mod step, 12 mod	50	<b>KDN363A</b>	595
3 pole 3 mod step, 57 mod	20	▶ <b>KD363B</b>	2990
4 pole 4 mod step, 12 mod	25	<b>KDN463A</b>	1230
4 pole 4 mod step, 56 mod	10	▶ <b>KD463B</b>	5320

### 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>	345
1 pole 1 step 13 mod - Blue (neutral)	1	<b>KB163N</b>	345

### End caps for busbars

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
for 1 pole fork busbar	50	<b>KZN021</b>	20
for 2 & 3 pole fork busbar	10	<b>KZN023</b>	30
for 4 pole fork busbar	10	<b>KZN024</b>	50



KM14N

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
63A din rail mounting neutral link	25	▶ <b>KM14N</b>	360
Half mod blanking plate	50	<b>P031F</b>	25
One mod blanking plate	50	<b>P032F</b>	25

# 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

# 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+)

hager

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HHS025DR

**h3+ MCCBs thermal magnetic release**

**Characteristics:**

- Complies with IEC 60947-2
- 3 Frame sizes: P160, P250 and 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	25A	P160	<b>HHS025DR</b>	7070	<b>HHS026DR</b>	10205	
	40A		<b>HHS040DR</b>	7070	<b>HHS041DR</b>	10205	
	63A		<b>HHS063DR</b>	7070	<b>HHS064DR</b>	10205	
	80A		<b>HHS080DR</b>	7070	<b>HHS081DR</b>	10205	
	100A		<b>HHS100DR</b>	7070	<b>HHS101DR</b>	10205	
	125A		<b>HHS125DR</b>	12950	<b>HHS126DR</b>	15875	
	160A	<b>HHS160DR</b>	14300	<b>HHS161DR</b>	17815		
	25kA	200A	P250	<b>HHT200DR</b>	23410	<b>HHT201DR</b>	28160
		250A		<b>HHT250DR</b>	23865	<b>HHT251DR</b>	28720
		320A	P630	<b>HHJ320DR</b>	24560	<b>HHJ321DR</b>	30770
		400A		<b>HHJ400DR</b>	24580	<b>HHJ401DR</b>	31190
		630A		<b>HHJ630DE</b>	30080	<b>HHJ631DE</b>	36710

**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	25A	P160	<b>HNS025DR</b>	9065	<b>HNS026DR</b>	11610	
	40A		<b>HNS040DR</b>	9065	<b>HNS041DR</b>	11610	
	63A		<b>HNS063DR</b>	9065	<b>HNS064DR</b>	11610	
	80A		<b>HNS080DR</b>	9065	<b>HNS081DR</b>	11610	
	100A		<b>HNS100DR</b>	9065	<b>HNS101DR</b>	11610	
	125A		<b>HNS125DR</b>	13650	<b>HNS126DR</b>	16965	
	160A	<b>HNS160DR</b>	15105	<b>HNS161DR</b>	18780		
	40kA	200A	P250	<b>HNT200DR</b>	23710	<b>HNT201DR</b>	29230
		250A		<b>HNT250DR</b>	24170	<b>HNT251DR</b>	30400
		320A	P630	<b>HNJ320DR</b>	25060	<b>HNJ321DR</b>	31400
		400A		<b>HNJ400DR</b>	25080	<b>HNJ401DR</b>	31830
		630A		<b>HNJ630DE</b>	30690	<b>HNJ631DE</b>	37460

**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	25A	P160	<b>HMS025DR</b>	11960	<b>HMS026DR</b>	14670	
	40A		<b>HMS040DR</b>	11960	<b>HMS041DR</b>	14670	
	63A		<b>HMS063DR</b>	11960	<b>HMS064DR</b>	14670	
	80A		<b>HMS080DR</b>	11960	<b>HMS081DR</b>	14670	
	100A		<b>HMS100DR</b>	11960	<b>HMS101DR</b>	14670	
	125A		<b>HMS125DR</b>	16265	<b>HMS126DR</b>	19210	
	160A	<b>HMS160DR</b>	17150	<b>HMS161DR</b>	20825		
	50kA	200A	P250	<b>HMT200DR</b>	25555	<b>HMT201DR</b>	31225
		250A		<b>HMT250DR</b>	26040	<b>HMT251DR</b>	33125
		320A	P630	<b>HMJ320DR</b>	28050	<b>HMJ321DR</b>	34170
		400A		<b>HMJ400DR</b>	28250	<b>HMJ401DR</b>	34970
		630A		<b>HMJ630DE</b>	34260	<b>HMJ631DE</b>	43570

### Breaking Capacity

Ics=75% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)	
70kA	25A	P160	<b>HES025DR</b>	13720	<b>HES026DR</b>	17185	
	40A		<b>HES040DR</b>	13720	<b>HES041DR</b>	17185	
	63A		<b>HES063DR</b>	13720	<b>HES064DR</b>	17185	
	80A		<b>HES080DR</b>	13720	<b>HES081DR</b>	17185	
	100A		<b>HES100DR</b>	13720	<b>HES101DR</b>	17185	
	125A		<b>HES125DR</b>	25565	<b>HES126DR</b>	27315	
	160A	P250	<b>HES160DR</b>	26070	<b>HES161DR</b>	27855	
	200A		<b>HET200DR</b>	34275	<b>HET201DR</b>	44100	
	250A		<b>HET250DR</b>	34610	<b>HET251DR</b>	44535	
	320A		<b>HEJ320DR</b>	39270	<b>HEJ321DR</b>	47840	
	400A		P630	<b>HEJ400DR</b>	39550	<b>HEJ401DR</b>	48960
	630A			<b>HEJ630DE</b>	47960	<b>HEJ631DE</b>	61000



HHT250JR

### h3+ MCCBs microprocessor LSI release

#### Characteristics:

- Complies with IEC 60947-2
- 3 Frame sizes: P160, P250 and 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 (with steps of 1A)
- Neutral Protection for all 4P breakers as standard (option of OFF / 50% / 100% Neutral setting)
- Complete range of accessories
- Direct mounting arrangement for Extended Rotary Handle for quick installation
- International Certification and approvals

### Breaking Capacity

Ics=100% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
25kA	40A	P160	<b>HHS040JR</b>	15075	<b>HHS041JR</b>	19400
	100A		<b>HHS100JR</b>	15075	<b>HHS101JR</b>	19400
	160A	P250	<b>HHS160JR</b>	19255	<b>HHS161JR</b>	24565
	250A		<b>HHT250JR</b>	25310	<b>HHT251JR</b>	32460

### 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>HNS040JR</b>	15325	<b>HNS041JR</b>	19495
	100A		<b>HNS100JR</b>	15325	<b>HNS101JR</b>	19495
	160A		<b>HNS160JR</b>	19600	<b>HNS161JR</b>	27140
	250A	P250	<b>HNT250JR</b>	26630	<b>HNT251JR</b>	36910
	400A	P630	<b>HNW400JR</b>	36740	<b>HNW401JR</b>	41940
	630A		<b>HNW630JR</b>	38840	<b>HNW631JR</b>	50350

### 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>HMS040JR</b>	18295	<b>HMS041JR</b>	25060
	100A		<b>HMS100JR</b>	18295	<b>HMS101JR</b>	25810
	160A		<b>HMS160JR</b>	23190	<b>HMS161JR</b>	30030
	250A	P250	<b>HMT250JR</b>	30295	<b>HMT251JR</b>	39730
	400A	P630	<b>HMW400JR</b>	38450	<b>HMW401JR</b>	49880
	630A		<b>HMW630JR</b>	39810	<b>HMW631JR</b>	52740

### 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 (₹)
70kA	40A	P160	<b>HES040JR</b>	23560	<b>HES041JR</b>	29630
	100A		<b>HES100JR</b>	23910	<b>HES101JR</b>	29630
	160A		<b>HES160JR</b>	31360	<b>HES161JR</b>	40025
	250A	P250	<b>HET250JR</b>	34980	<b>HET251JR</b>	50710
	400A	P630	<b>HEW400JR</b>	43700	<b>HEW401JR</b>	57380
	630A		<b>HEW630JR</b>	44780	<b>HEW631JR</b>	69660



HHT250LR

**h3+ MCCBs microprocessor LSI release**

**Characteristics:**

- Complies with IEC 60947-2
- 3 Frame sizes: P160, P250 and P630
- Microprocessor Trip Unit with LSI 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 (with steps of 1A)
- 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>	28585	<b>HHT041LR</b>	31990
	100A		<b>HHT100LR</b>	28585	<b>HHT101LR</b>	31990
	160A		<b>HHT160LR</b>	30230	<b>HHT161LR</b>	36350
	250A		<b>HHT250LR</b>	34615	<b>HHT251LR</b>	41470

**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>	28720	<b>HNT041LR</b>	33255
	100A		<b>HNT100LR</b>	28720	<b>HNT101LR</b>	33255
	160A		<b>HNT160LR</b>	31240	<b>HNT161LR</b>	37510
	250A		<b>HNT250LR</b>	35030	<b>HNT251LR</b>	43455
	400A	P630	<b>HNW400LR</b>	41060	<b>HNW401LR</b>	46720
	630A		<b>HNW630LR</b>	47180	<b>HNW631LR</b>	55540

**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>	31240	<b>HMT041LR</b>	35800
	100A		<b>HMT100LR</b>	31240	<b>HMT101LR</b>	35800
	160A		<b>HMT160LR</b>	35465	<b>HMT161LR</b>	38350
	250A		<b>HMT250LR</b>	37895	<b>HMT251LR</b>	44490
	400A	P630	<b>HMW400LR</b>	42200	<b>HMW401LR</b>	51610
	630A		<b>HMW630LR</b>	47350	<b>HMW631LR</b>	59090

**Breaking Capacity**

Ics=75% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
70kA	40A	P250	<b>HET040LR</b>	34265	<b>HET041LR</b>	39310
	100A		<b>HET100LR</b>	34265	<b>HET101LR</b>	39310
	160A		<b>HET160LR</b>	42000	<b>HET161LR</b>	46815
	250A		<b>HET250LR</b>	42850	<b>HET251LR</b>	65215
	400A	P630	<b>HEW400LR</b>	53540	<b>HEW401LR</b>	66900
	630A		<b>HEW630LR</b>	55180	<b>HEW631LR</b>	73340





HNT250NR

### h3+ MCCBs microprocessor LSIG - energy release

**Characteristics:**

- Complies with IEC 60947-2
- 3 Frame sizes: P160, P250 and 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>	45715	<b>HHS041NR</b>	50795
	100A		<b>HHS100NR</b>	45715	<b>HHS101NR</b>	50795
	160A		P250	<b>HHS160NR</b>	45740	<b>HHS161NR</b>
	250A	<b>HHT250NR</b>		46655	<b>HHT251NR</b>	56740

**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>	46930	<b>HNS041NR</b>	52045
	100A		<b>HNS100NR</b>	46930	<b>HNS101NR</b>	52045
	160A		P250	<b>HNS160NR</b>	47700	<b>HNS161NR</b>
	250A	<b>HNT250NR</b>		48255	<b>HNT251NR</b>	58130
	400A	P630		<b>HNW400NR</b>	59630	<b>HNW401NR</b>
	630A		<b>HNW630NR</b>	67720	<b>HNW631NR</b>	83500

**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>	47625	<b>HMS041NR</b>	52830
	100A		<b>HMS100NR</b>	47625	<b>HMS101NR</b>	52830
	160A		P250	<b>HMS160NR</b>	48415	<b>HMS161NR</b>
	250A	<b>HMT250NR</b>		48975	<b>HMT251NR</b>	59005
	400A	P630		<b>HMW400NR</b>	60520	<b>HMW401NR</b>
	630A		<b>HMW630NR</b>	68390	<b>HMW631NR</b>	84750

**Breaking Capacity**

Ics=75% Icu as per IEC 60947-2	Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
70kA	40A	P160	<b>HES040NR</b>	49095	<b>HES041NR</b>	54895
	100A		<b>HES100NR</b>	49095	<b>HES101NR</b>	54895
	160A		P250	<b>HES160NR</b>	53040	<b>HES161NR</b>
	250A	<b>HET250NR</b>		54280	<b>HET251NR</b>	78780
	400A	P630		<b>HEW400NR</b>	66950	<b>HEW401NR</b>
	630A		<b>HEW630NR</b>	78680	<b>HEW631NR</b>	91010

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>P160 Frame</b>			
Auxiliary Contact	1	HXA021H	1100
Alarm Contact	1	HXA024H	1100
Shunt 24V DC	1	HXA001H	2270
Shunt 230V AC	1	HXA004H	2270
UnderVoltage - 24V DC	1	HXA011H	2750
UnderVoltage - 240V DC	1	HXA014H	2750
UnderVoltage - 415V AC	1	HXA015H	2750
Direct Rotary Handle	1	HXS030H	1070
Extended Rotary Handle	1	HXS031H	1700
Spreaders - 3P	1	HYS011H	580
Spreaders - 4P	1	HYS012H	750
Interphase barrier 3/4P	1	HYS019H	345

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>P250 Frame</b>			
Auxiliary Contact	1	HXA021H	1100
Alarm Contact	1	HXA024H	1100
Shunt 24V DC	1	HXA001H	2270
Shunt 230V AC	1	HXA004H	2270
UnderVoltage - 24V DC	1	HXA011H	2750
UnderVoltage - 240V DC	1	HXA014H	2750
UnderVoltage - 415V AC	1	HXA015H	2750
Direct Rotary Handle	1	HXT030H	1170
Extended Rotary Handle	1	HXT031H	1870
Spreaders - 3P	1	HYB011H	605
Spreaders - 4P	1	HYB012H	825
Interphase barrier 3/4P	1	HYT019H	360
Motor Mechanism (auto reset) 240V AC	1	HXT042H	22000

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>P630 Frame</b>			
Auxiliary Contact	1	HXA021H	1100
Alarm Contact	1	HXA024H	1100
Shunt 24V DC	1	HXA001H	2270
Shunt 230V AC	1	HXA004H	2270
UnderVoltage - 24V DC	1	HXA011H	2750
UnderVoltage - 240V DC	1	HXA014H	2750
UnderVoltage - 415V AC	1	HXA015H	2750
Direct Rotary Handle	1	HXW030H	1600
Extended Rotary Handle	1	HXW031H	2980
Spreaders - 3P	1	HYD014H	1375
Spreaders - 4P	1	HYD015H	1655
Interphase barrier 3/4P	1	HYW019H	680
Motor Mechanism (auto reset) 240V AC	1	HXW042H	30000



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>	5105
40A, 3 pole	1	<b>HDA040Z</b>	5105
63A, 3 pole	1	▶ <b>HDA063Z</b>	5105
80A, 3 pole	1	<b>HDA080Z</b>	5105
100A, 3 pole	1	▶ <b>HDA100Z</b>	5105
125A, 3 pole	1	▶ <b>HDA125Z</b>	6320
160A, 3 pole	1	▶ <b>HDA160Z</b>	6820



HHA125Z

**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>	6330
40A, 3 pole	1	<b>HHA040Z</b>	6330
63A, 3 pole	1	▶ <b>HHA063Z</b>	6330
80A, 3 pole	1	<b>HHA080Z</b>	6330
100A, 3 pole	1	▶ <b>HHA100Z</b>	6330
125A, 3 pole	1	▶ <b>HHA125Z</b>	8540
160A, 3 pole	1	▶ <b>HHA160Z</b>	10645

32A, 4 pole	1	<b>HDA033Z</b>	5870
40A, 4 pole	1	<b>HDA041Z</b>	5870
63A, 4 pole	1	▶ <b>HDA064Z</b>	5870
80A, 4 pole	1	<b>HDA081Z</b>	5870
100A, 4 pole	1	▶ <b>HDA101Z</b>	5870
125A, 4 pole	1	▶ <b>HDA126Z</b>	6635
160A, 4 pole	1	▶ <b>HDA161Z</b>	7220
32A, 4 pole	1	<b>HHA033Z</b>	8630
40A, 4 pole	1	<b>HHA041Z</b>	8630
63A, 4 pole	1	▶ <b>HHA064Z</b>	8630
80A, 4 pole	1	<b>HHA081Z</b>	8630
100A, 4 pole	1	▶ <b>HHA101Z</b>	8630
125A, 4 pole	1	▶ <b>HHA126Z</b>	11040
160A, 4 pole	1	▶ <b>HHA161Z</b>	13390



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>	5745
63A, 3 pole	1	▶ <b>HDA063U</b>	5745
80A, 3 pole	1	<b>HDA080U</b>	5745
100A, 3 pole	1	▶ <b>HDA100U</b>	5745
125A, 3 pole	1	▶ <b>HDA125U</b>	6835
160A, 3 pole	1	▶ <b>HDA160U</b>	7915

40A, 4 pole	1	<b>HDA041U</b>	6625
63A, 4 pole	1	▶ <b>HDA064U</b>	6625
80A, 4 pole	1	<b>HDA081U</b>	6625
100A, 4 pole	1	▶ <b>HDA101U</b>	6625
125A, 4 pole	1	▶ <b>HDA126U</b>	7975
160A, 4 pole	1	▶ <b>HDA161U</b>	8875



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>	7220
63A, 3 pole	1	▶ <b>HHA063U</b>	7220
80A, 3 pole	1	<b>HHA080U</b>	7220
100A, 3 pole	1	▶ <b>HHA100U</b>	7220
125A, 3 pole	1	▶ <b>HHA125U</b>	8800
160A, 3 pole	1	▶ <b>HHA160U</b>	10835

40A, 4 pole	1	<b>HHA041U</b>	9755
63A, 4 pole	1	▶ <b>HHA064U</b>	9755
80A, 4 pole	1	<b>HHA081U</b>	9755
100A, 4 pole	1	▶ <b>HHA101U</b>	9755
125A, 4 pole	1	▶ <b>HHA126U</b>	11480
160A, 4 pole	1	▶ <b>HHA161U</b>	14040



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>	8930
63A, 3 pole	1	<b>HNA063U</b>	8930
80A, 3 pole	1	<b>HNA080U</b>	8930
100A, 3 pole	1	▶ <b>HNA100U</b>	8930
125A, 3 pole	1	▶ <b>HNA125U</b>	10705
160A, 3 pole	1	▶ <b>HNA160U</b>	13390

40A, 4 pole	1	<b>HNA041U</b>	11865
63A, 4 pole	1	<b>HNA064U</b>	11865
80A, 4 pole	1	<b>HNA081U</b>	11865
100A, 4 pole	1	▶ <b>HNA101U</b>	11865
125A, 4 pole	1	▶ <b>HNA126U</b>	12870
160A, 4 pole	1	▶ <b>HNA161U</b>	15315



HNB100U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
200A, 3 pole	1	▶ HNB200Z	13075
250A, 3 pole	1	▶ HNB250Z	16330
200A, 4 pole	1	▶ HNB201Z	13595
250A, 4 pole	1	▶ HNB251Z	17750

**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	9955
125A, 3 pole	1	HNB125U	11100
160A, 3 pole	1	HNB160U	14675
200A, 3 pole	1	▶ HNB200U	15580
250A, 3 pole	1	▶ HNB250U	20985
100A, 4 pole	1	HNB101U	12755
125A, 4 pole	1	HNB126U	13395
160A, 4 pole	1	HNB161U	16890
200A, 4 pole	1	▶ HNB201U	22580
250A, 4 pole	1	▶ HNB251U	25255



HEE970H

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
800A, 50kA, 3 pole	1	HNE800H	69480
1000A, 50kA, 3 pole	1	HNE970H	82065
800A, 50kA, 4 pole	1	HNE801H	86260
1000A, 50kA, 4 pole	1	HNE971H	109070
800A, 70kA, 3 pole	1	HEE800H	90390
1000A, 70kA, 3 pole	1	HEE970H	114045
800A, 70kA, 4 pole	1	HEE801H	114045
1000A, 70kA, 4 pole	1	HEE971H	153380



HNF990H

**H1600 frame MCCB**  
overload adjustable Ir = 0.4 to 1 x In  
short circuit adjustable 2.5 to 10 x Ir  
time delay 0.1 - 0.2 sec.

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1250A, 50kA, 3 pole	1	HNF980H	114045
1600A, 50kA, 3 pole	1	HNF990H	156010
1250A, 50kA, 4 pole	1	HNF981H	145515
1600A, 50kA, 4 pole	1	HNF991H	167145
1250A, 70kA, 3 pole	1	HEF980H	145910
1600A, 70kA, 3 pole	1	HEF990H	171075
1250A, 70kA, 4 pole	1	HEF981H	179595
1600A, 70kA, 4 pole	1	HEF991H	208440

**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	9290
160A, 3 pole	1	HCA160Z	9765
125A, 4 pole	1	HCA126Z	11080
160A, 4 pole	1	HCA161Z	11925

**X250 frame MCCB**

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
250A, 3 pole	1	HCB250Z	11385



HCA125Z



HXA021H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>X160 Frame MCCB</b>			
Auxiliary Contact	1	▶ HXA021H	1100
Alarm Contact	1	▶ HXA024H	1100
Shunt 24V DC	1	HXA001H	2270
Shunt 230V AC	1	HXA004H	2270
UnderVoltage - 240V AC	1	HXA014H	2750
UnderVoltage - 415V AC	1	▶ HXA015H	2750
Direct Rotary Handle	1	HXA030H	1375
Extended Rotary Handle	1	▶ HXA031H	1930
Spreaders - 3P	1	▶ HYA014H	530
Speaders - 4P	1	▶ HYA015H	710
Phase barriers - 3P / 4P	1	▶ HYB019H	200
DIN Rail Adaptor	1	HYA033H	390



HXA030H

<b>X250 Frame MCCB</b>			
Auxiliary Contact	1	▶ HXA021H	1100
Alarm Contact	1	▶ HXA024H	1100
Shunt 24V DC	1	HXA001H	2270
Shunt 230V AC	1	HXA004H	2270
UnderVoltage - 24V DC	1	HXA011H	2750
UnderVoltage - 240V AC	1	▶ HXA014H	2750
UnderVoltage - 415V AC	1	HXA015H	2750
Direct Rotary Handle	1	▶ HXB030H	1445
Extended Rotary Handle	1	▶ HXB031H	2155
Motor Operator 240VAC	1	HXB042H	22225
Spreaders - 3P	1	▶ HYB011H	605
Speaders - 4P	1	▶ HYB012H	825
Phase barriers - 3P / 4P	1	HYB019H	200
Mechanical Interlock	1	HXB065H	12485





HXC021H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>H1000 Frame MCCB</b>			
Auxiliary Contact		<b>HXC021H</b>	1170
Alarm Contact		<b>HXC024H</b>	1170
Shunt 24V DC		<b>HXC001H</b>	2410
Shunt 230V AC		<b>HXC004H</b>	2410
UnderVoltage - 24V DC		<b>HXE011H</b>	2890
UnderVoltage - 240V AC		<b>HXE014H</b>	2890
UnderVoltage - 415V AC		<b>HXE015H</b>	2890
Direct Rotary Handle		<b>HXE030H</b>	3445
Extended Rotary Handle		<b>HXE031H</b>	4960
Motor Operator 240VAC		<b>HXE042H</b>	43705
Mechanical Interlock		<b>HXE065H</b>	103020



HXE014H

<b>H1600 Frame MCCB</b>			
Auxiliary Contact		<b>HXC021H</b>	1170
Alarm Contact		<b>HXC024H</b>	1170
Shunt 24V DC		<b>HXF001H</b>	2410
Shunt 230V AC		<b>HXF004H</b>	2410
UnderVoltage - 24V DC		<b>HXE011H</b>	2890
UnderVoltage - 240V AC		<b>HXE014H</b>	2890
UnderVoltage - 415V AC		<b>HXE015H</b>	2890
Direct Rotary Handle		<b>HXF030H</b>	3445
Extended Rotary Handle		<b>HXF031H</b>	5780
Motor Operator 240V AC		<b>HXF042H</b>	56190



HBA161H

<b>X160 Frame MCCB</b>			
"I <sub>dn</sub> =300mA fixed sensitivity instantaneous tripping", 125A, 3 Pole	1	<b>HBA127H</b>	15610
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 3 Pole	1	<b>HBA125H</b>	18100
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 3 Pole	1	<b>HBA160H</b>	19355
"I <sub>dn</sub> =300 mA fixed sensitivity instantaneous tripping", 125A, 4 Pole	1	<b>HBA128H</b>	16240
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 4 Pole	1	<b>HBA126H</b>	18730
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 4 Pole	1	<b>HBA161H</b>	19980
<b>X250 Frame MCCB</b>			
Adjustable sensitivity till 6A, Adjustable tripping 1s, 250A, 4 Pole	1	<b>HBB251H</b>	24350



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	▶ <b>HI403I</b>	4680
100A	1	▶ <b>HI405I</b>	6190
125A	1	▶ <b>HI451I</b>	9320
160A	1	▶ <b>HI452I</b>	10185
250A	1	▶ <b>HI454I</b>	17725
400A	1	▶ <b>HI456I</b>	27335
630A	1	<b>HI458I</b>	32195
800A	1	<b>HI460I</b>	48190
1250A	1	<b>HI462I</b>	115795
1600A	1	<b>HI464I</b>	160000

\* includes bridging bars & external handle

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

# - Prices available upon request

### MCOS enclosures

#### Characteristics:

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

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



HZC204I



VYE63M

Description	Pack Qty.	Rating	Cat. Ref.	Unit MRP (₹)
63A FP MCOS Hinged Door Box	1	63A	▶ <b>VYE63M</b>	6945
100A FP MCOS Hinged Door Box	1	100A	▶ <b>VYE100M</b>	8840
125A FP MCOS Hinged Door Box	1	125A	▶ <b>VYE125M</b>	13145
160A FP MCOS Hinged Door Box	1	160A	▶ <b>VYE160M</b>	14405
250A FP MCOS Hinged Door Box	1	250A	<b>VYE250M</b>	23140
400A FP MCOS Hinged Door Box	1	400A	<b>VYE400M</b>	35405
630A FP MCOS Hinged Door Box	1	630A	<b>VYE630M</b>	41040
800A FP MCOS Hinged Door Box	1	800A	<b>VYE800M</b>	60880
1250A FP MCOS Hinged Door Box	1	1250A	<b>VYE1250M</b>	149130
1600A FP MCOS Hinged Door Box	1	1600A	<b>VYE1600M</b>	199000



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>	53235
160A	1	▶ <b>HIB416I</b>	61460
250A	1	▶ <b>HIB425I</b>	76745
400A	1	<b>HIB440I</b>	94465
630A	1	<b>HIB463I</b>	123950
800A	1	<b>HIB480I</b>	175175
1000A	1	<b>HIB490I</b>	184770
1250A	1	<b>HIB491I</b>	218765
1600A	1	<b>HIB492I</b>	286925

\* includes bridging bars & external handle

\* controller to be ordered separately

**Automatic Transfer Relays**

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Controller	1	▶ <b>HZI815I</b>	19400

**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>	#

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

# - Prices available upon request



EKS306B

### SPN - Automatic changeover and current limiter

#### Characteristics:

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

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 30A, Genset 1.5A	1	▶ <b>EKS301B</b>	1890
Mains 30A, Genset 2.5A	1	▶ <b>EKS302B</b>	1890
Mains 30A, Genset 3A	1	▶ <b>EKS303B</b>	1890
Mains 30A, Genset 4A	1	▶ <b>EKS304B</b>	1890
Mains 30A, Genset 5A	1	▶ <b>EKS305B</b>	1890
Mains 30A, Genset 6A	1	▶ <b>EKS306B</b>	1890
Mains 30A, Genset 9A	1	▶ <b>EKS309B</b>	1890
Mains 30A, Genset 12A	1	<b>EKS312B</b>	1890
Mains 30A, Genset 15A	1	<b>EKS315B</b>	1890
Mains 30A, Genset 20A	1	▶ <b>EKS320B</b>	1890
Mains 30A, Genset 30A (without current limiter)	1	▶ <b>EKS330B</b>	1890



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
- Inbuilt Overvoltage Protection

#### TPN / SPN

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 6A	1	<b>EKT406SG</b>	10480
Mains 40A, Genset 10A	1	<b>EKT410SG</b>	10480
Mains 40A, Genset 16A	1	<b>EKT416SG</b>	10480
Mains 40A, Genset 20A	1	<b>EKT420SG</b>	10480
Mains 40A, Genset 25A	1	<b>EKT425SG</b>	10480
Mains 40A, Genset 30A	1	<b>EKT430SG</b>	10480
Mains 63A, Genset 6A	1	<b>EKT606SG</b>	15470
Mains 63A, Genset 10A	1	<b>EKT610SG</b>	15470
Mains 63A, Genset 16A	1	<b>EKT616SG</b>	15470
Mains 63A, Genset 20A	1	<b>EKT620SG</b>	15470
Mains 63A, Genset 25A	1	<b>EKT625SG</b>	15470
Mains 63A, Genset 30A	1	<b>EKT630SG</b>	15470
Mains 63A, Genset 40A	1	<b>EKT640SG</b>	15470

#### TPN / TPN

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 6A	1	<b>EKT406TG</b>	10980
Mains 40A, Genset 10A	1	<b>EKT410TG</b>	10980
Mains 40A, Genset 16A	1	<b>EKT416TG</b>	10980
Mains 40A, Genset 20A	1	<b>EKT420TG</b>	10980
Mains 40A, Genset 25A	1	<b>EKT425TG</b>	10980
Mains 40A, Genset 30A	1	<b>EKT430TG</b>	10980
Mains 63A, Genset 6A	1	<b>EKT606TG</b>	15970
Mains 63A, Genset 10A	1	<b>EKT610TG</b>	15970
Mains 63A, Genset 16A	1	<b>EKT616TG</b>	15970
Mains 63A, Genset 20A	1	<b>EKT620TG</b>	15970
Mains 63A, Genset 25A	1	<b>EKT625TG</b>	15970
Mains 63A, Genset 30A	1	<b>EKT630TG</b>	15970
Mains 63A, Genset 40A	1	<b>EKT640TG</b>	15970

#### TPN / TPN (without current limiting)

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Mains 40A, Genset 40A	1	▶ <b>EKT440TG</b>	10980
Mains 63A, Genset 63A	1	▶ <b>EKT663TG</b>	26445

\*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>	466
1A, 1 module	12	-	-	<b>NCN101N</b>	466
2A, 1 module	12	-	-	▶ <b>NCN102N</b>	466
3A, 1 module	12	-	-	▶ <b>NCN103N</b>	466
4A, 1 module	12	-	-	▶ <b>NCN104N</b>	466
6A, 1 module	12	<b>NBN106N</b>	296	▶ <b>NCN106N</b>	296
10A, 1 module	12	<b>NBN110N</b>	296	▶ <b>NCN110N</b>	296
16A, 1 module	12	<b>NBN116N</b>	296	▶ <b>NCN116N</b>	296
20A, 1 module	12	<b>NBN120N</b>	296	▶ <b>NCN120N</b>	296
25A, 1 module	12	<b>NBN125N</b>	296	▶ <b>NCN125N</b>	296
32A, 1 module	12	<b>NBN132N</b>	296	▶ <b>NCN132N</b>	296
40A, 1 module	12	<b>NBN140N</b>	660	▶ <b>NCN140N</b>	660
50A, 1 module	12	<b>NBN150N</b>	660	▶ <b>NCN150N</b>	660
63A, 1 module	12	<b>NBN163N</b>	660	▶ <b>NCN163N</b>	660
<b>Double Pole</b>					
0.5A, 2 module	6	-	-	<b>NCN200N</b>	1265
1A, 2 module	6	-	-	<b>NCN201N</b>	1265
2A, 2 module	6	-	-	▶ <b>NCN202N</b>	1265
3A, 2 module	6	-	-	▶ <b>NCN203N</b>	1265
4A, 2 module	6	-	-	▶ <b>NCN204N</b>	1265
6A, 2 module	6	<b>NBN206N</b>	915	▶ <b>NCN206N</b>	915
10A, 2 module	6	<b>NBN210N</b>	915	▶ <b>NCN210N</b>	915
16A, 2 module	6	<b>NBN216N</b>	915	▶ <b>NCN216N</b>	915
20A, 2 module	6	<b>NBN220N</b>	915	▶ <b>NCN220N</b>	915
25A, 2 module	6	<b>NBN225N</b>	915	▶ <b>NCN225N</b>	915
32A, 2 module	6	<b>NBN232N</b>	915	▶ <b>NCN232N</b>	915
40A, 2 module	6	<b>NBN240N</b>	1470	▶ <b>NCN240N</b>	1470
50A, 2 module	6	<b>NBN250N</b>	1470	▶ <b>NCN250N</b>	1470
63A, 2 module	6	<b>NBN263N</b>	1470	▶ <b>NCN263N</b>	1470
<b>Triple Pole</b>					
0.5A, 3 modules	4	-	-	<b>NCN300N</b>	1880
1A, 3 modules	4	-	-	<b>NCN301N</b>	1880
2A, 3 modules	4	-	-	▶ <b>NCN302N</b>	1880
3A, 3 modules	4	-	-	▶ <b>NCN303N</b>	1880
4A, 3 modules	4	-	-	▶ <b>NCN304N</b>	1880
6A, 3 modules	4	<b>NBN306N</b>	1490	▶ <b>NCN306N</b>	1490
10A, 3 modules	4	<b>NBN310N</b>	1490	▶ <b>NCN310N</b>	1490
16A, 3 modules	4	<b>NBN316N</b>	1490	▶ <b>NCN316N</b>	1490
20A, 3 modules	4	<b>NBN320N</b>	1490	▶ <b>NCN320N</b>	1490
25A, 3 modules	4	<b>NBN325N</b>	1490	▶ <b>NCN325N</b>	1490
32A, 3 modules	4	<b>NBN332N</b>	1490	▶ <b>NCN332N</b>	1490
40A, 3 modules	4	<b>NBN340N</b>	2275	▶ <b>NCN340N</b>	2275
50A, 3 modules	4	<b>NBN350N</b>	2275	▶ <b>NCN350N</b>	2275
63A, 3 modules	4	<b>NBN363N</b>	2275	▶ <b>NCN363N</b>	2275
<b>Four Pole</b>					
0.5A, 4 modules	3	-	-	<b>NCN400N</b>	2360
1A, 4 modules	3	-	-	<b>NCN401N</b>	2360
2A, 4 modules	3	-	-	▶ <b>NCN402N</b>	2360
3A, 4 modules	3	-	-	▶ <b>NCN403N</b>	2360
4A, 4 modules	3	-	-	▶ <b>NCN404N</b>	2360
6A, 4 modules	3	<b>NBN406N</b>	2015	▶ <b>NCN406N</b>	2015
10A, 4 modules	3	<b>NBN410N</b>	2015	▶ <b>NCN410N</b>	2015
16A, 4 modules	3	<b>NBN416N</b>	2015	▶ <b>NCN416N</b>	2015
20A, 4 modules	3	<b>NBN420N</b>	2015	▶ <b>NCN420N</b>	2015
25A, 4 modules	3	<b>NBN425N</b>	2015	▶ <b>NCN425N</b>	2015
32A, 4 modules	3	<b>NBN432N</b>	2015	▶ <b>NCN432N</b>	2015
40A, 4 modules	3	<b>NBN440N</b>	2905	▶ <b>NCN440N</b>	2905
50A, 4 modules	3	<b>NBN450N</b>	2905	▶ <b>NCN450N</b>	2905
63A, 4 modules	3	<b>NBN463N</b>	2905	▶ <b>NCN463N</b>	2905



NDN106N



NDN206N



NDN306N



NDN406N

### Miniature circuit breakers - type NDN---N

#### Characteristics:

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

Description	Pack Qty.	Cat. Ref. Curve D	Unit MRP (₹)
<b>Single Pole</b>			
0.5A, 1 module	12	<b>NDN100N</b>	470
1A, 1 module	12	<b>NDN101N</b>	470
2A, 1 module	12	<b>NDN102N</b>	470
3A, 1 module	12	<b>NDN103N</b>	470
4A, 1 module	12	<b>NDN104N</b>	470
6A, 1 module	12	▶ <b>NDN106N</b>	390
10A, 1 module	12	▶ <b>NDN110N</b>	390
16A, 1 module	12	▶ <b>NDN116N</b>	390
20A, 1 module	12	▶ <b>NDN120N</b>	390
25A, 1 module	12	▶ <b>NDN125N</b>	390
32A, 1 module	12	▶ <b>NDN132N</b>	390
40A, 1 module	12	<b>NDN140N</b>	710
50A, 1 module	12	<b>NDN150N</b>	710
63A, 1 module	12	<b>NDN163N</b>	710
<b>Double Pole</b>			
0.5A, 2 modules	6	<b>NDN200N</b>	1205
1A, 2 modules	6	<b>NDN201N</b>	1205
2A, 2 modules	6	<b>NDN202N</b>	1205
3A, 2 modules	6	<b>NDN203N</b>	1205
4A, 2 modules	6	<b>NDN204N</b>	1205
6A, 2 modules	6	▶ <b>NDN206N</b>	955
10A, 2 modules	6	▶ <b>NDN210N</b>	955
16A, 2 modules	6	▶ <b>NDN216N</b>	955
20A, 2 modules	6	▶ <b>NDN220N</b>	955
25A, 2 modules	6	▶ <b>NDN225N</b>	955
32A, 2 modules	6	▶ <b>NDN232N</b>	955
40A, 2 modules	6	▶ <b>NDN240N</b>	1540
50A, 2 modules	6	<b>NDN250N</b>	1540
63A, 2 modules	6	▶ <b>NDN263N</b>	1540
<b>Triple Pole</b>			
0.5A, 3 modules	4	<b>NDN300N</b>	1955
1A, 3 modules	4	<b>NDN301N</b>	1955
2A, 3 modules	4	<b>NDN302N</b>	1955
3A, 3 modules	4	<b>NDN303N</b>	1955
4A, 3 modules	4	<b>NDN304N</b>	1955
6A, 3 modules	4	<b>NDN306N</b>	1540
10A, 3 modules	4	<b>NDN310N</b>	1540
16A, 3 modules	4	▶ <b>NDN316N</b>	1540
20A, 3 modules	4	▶ <b>NDN320N</b>	1540
25A, 3 modules	4	▶ <b>NDN325N</b>	1540
32A, 3 modules	4	▶ <b>NDN332N</b>	1540
40A, 3 modules	4	▶ <b>NDN340N</b>	2375
50A, 3 modules	4	<b>NDN350N</b>	2375
63A, 3 modules	4	▶ <b>NDN363N</b>	2375
<b>Four Pole</b>			
0.5A, 4 modules	3	<b>NDN400N</b>	2315
1A, 4 modules	3	<b>NDN401N</b>	2315
2A, 4 modules	3	<b>NDN402N</b>	2315
3A, 4 modules	3	<b>NDN403N</b>	2315
4A, 4 modules	3	<b>NDN404N</b>	2315
6A, 4 modules	3	<b>NDN406N</b>	2050
10A, 4 modules	3	<b>NDN410N</b>	2050
16A, 4 modules	3	<b>NDN416N</b>	2050
20A, 4 modules	3	<b>NDN420N</b>	2050
25A, 4 modules	3	<b>NDN425N</b>	2050
32A, 4 modules	3	▶ <b>NDN432N</b>	2050
40A, 4 modules	3	▶ <b>NDN440N</b>	3015
50A, 4 modules	3	<b>NDN450N</b>	3015
63A, 4 modules	3	▶ <b>NDN463N</b>	3015





HLF199S

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

#### Characteristics:

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

Description	Pack Qty.	Cat. Ref. Curve C	Unit MRP (₹)
<b>Single Pole</b>			
80A, 1,5 modules	1	▶ <b>HLF180S</b>	2410
100A, 1,5 modules	1	▶ <b>HLF190S</b>	2675
125A, 1,5 modules	1	▶ <b>HLF199S</b>	2860
<b>Double Pole</b>			
80A, 3 modules	1	▶ <b>HLF280S</b>	5320
100A, 3 modules	1	▶ <b>HLF290S</b>	5615
125A, 3 modules	1	▶ <b>HLF299S</b>	6120
<b>Triple Pole</b>			
80A, 4,5 modules	1	▶ <b>HLF380S</b>	8385
100A, 4,5 modules	1	▶ <b>HLF390S</b>	8845
125A, 4,5 modules	1	▶ <b>HLF399S</b>	9720
<b>Four Pole</b>			
80A, 6 modules	1	▶ <b>HLF480S</b>	10910
100A, 6 modules	1	▶ <b>HLF490S</b>	11230
125A, 6 modules	1	▶ <b>HLF499S</b>	12635



HLF499S



MZ215

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
Auxiliary contact (1NO + 1NC), 0,5 module (For MCBs only)	1	▶ <b>MZ201</b>	840
Trip alarm contact (1NO + 1NC), 0,5 module (For MCBs only)	1	▶ <b>MZ202</b>	990
Shunt trip 230V AC, 1 module	1	▶ <b>MZ203</b>	2420
Shunt trip 12-48V DC, 1 module	1	▶ <b>MZ204</b>	2420
Undervoltage release, 48V DC, 1 module	1	▶ <b>MZ205</b>	2105
Undervoltage release, 230V AC, 1 module	1	▶ <b>MZ206</b>	2080
MCB Locking kit	2	▶ <b>MZN175</b>	540
Auxiliary + alarm switch (for RCCB), 1 module	1	▶ <b>CZ001</b>	1590
Overvoltage release, 230V AC, $U_c > 280V$ , 1 module	1	▶ <b>MZ209</b>	2450
Overvoltage + Low voltage release, 230V AC, $60V AC < U < 170V AC$ , $U > 267V AC$ , 1 module	1	▶ <b>MZ215</b>	3290
Overvoltage release, 230V AC, $U > 275 V AC$ , 3 phase in 1 module Suitable for 3Ph+N	1	▶ <b>MZ216</b>	4525

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

### 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



CD240Y

Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
<b>Double Pole</b>				
16A, 2 modules	1	10 mA	<b>CC216Y</b>	5900
25A, 2 modules	1	10 mA	<b>CC225Y</b>	6760
	1	30 mA	<b>CD225Y</b>	3235
	1	100 mA	<b>CE225Y</b>	3490
	1	300 mA	<b>CF225Y</b>	3555
40A, 2 modules	1	30 mA	<b>CD240Y</b>	3785
	1	100 mA	<b>CE240Y</b>	4050
	1	300 mA	<b>CF240Y</b>	4135
63A, 2 modules	1	30 mA	<b>CD263Y</b>	4530
	1	100 mA	<b>CE263Y</b>	4805
	1	300 mA	<b>CF263Y</b>	4840
100A, 2 modules	1	30 mA	<b>CD284Y</b>	8375
	1	100 mA	<b>CE284Y</b>	7975



CD440Y

#### Four Pole

25A, 4 modules	1	30 mA	<b>CD425Y</b>	4460
	1	100 mA	<b>CE425Y</b>	4620
	1	300 mA	<b>CF425Y</b>	4735
40A, 4 modules	1	30 mA	<b>CD440Y</b>	4430
	1	100 mA	<b>CE440Y</b>	4655
	1	300 mA	<b>CF440Y</b>	4805
63A, 4 modules	1	30 mA	<b>CD463Y</b>	5110
	1	100 mA	<b>CE463Y</b>	5490
	1	300 mA	<b>CF463Y</b>	5490
100A, 4 modules	1	30 mA	<b>CD484Y</b>	8265
	1	100 mA	<b>CE484Y</b>	8265
	1	300 mA	<b>CF484Y</b>	8450

### 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



CH240J

Description	Pack Qty.	Sensitivity	Cat. Ref.	Unit MRP (₹)
<b>Double Pole</b>				
25A, 2 modules	1	30 mA	<b>CH225J</b>	6895
	1	300 mA	<b>CQ225J</b>	6965
40A, 2 modules	1	30 mA	<b>CH240J</b>	7245
	1	300 mA	<b>CQ240J</b>	7210
63A, 2 modules	1	30 mA	<b>CH263J</b>	7455
	1	300 mA	<b>CQ263J</b>	7590



CH440J

#### Four Pole

25A, 4 modules	1	30 mA	<b>CH425J</b>	7765
	1	300 mA	<b>CQ425J</b>	7740
40A, 4 modules	1	30 mA	<b>CH440J</b>	8015
	1	300 mA	<b>CQ440J</b>	8065
63A, 4 modules	1	30 mA	<b>CH463J</b>	8225
	1	300 mA	<b>CQ463J</b>	8315



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>	4635
	1	100mA	▶ <b>AE956Y</b>	4915
	1	300 mA	<b>AF956Y</b>	4780
10A, 2 modules	1	30 mA	▶ <b>AD960Y</b>	4635
	1	100mA	▶ <b>AE960Y</b>	4915
	1	300 mA	<b>AF960Y</b>	4860
16A, 2 modules	1	30 mA	▶ <b>AD966Y</b>	4635
	1	100 mA	▶ <b>AE966Y</b>	4915
	1	300 mA	<b>AF966Y</b>	4860
20A, 2 modules	1	30 mA	▶ <b>AD970Y</b>	4635
	1	100 mA	▶ <b>AE970Y</b>	4915
	1	300 mA	<b>AF970Y</b>	4860
25A, 2 modules	1	30 mA	▶ <b>AD975Y</b>	4635
	1	100mA	▶ <b>AE975Y</b>	4915
	1	300 mA	<b>AF975Y</b>	4860
32A, 2 modules	1	30 mA	▶ <b>AD982Y</b>	4875
	1	100mA	▶ <b>AE982Y</b>	5055
	1	300 mA	<b>AF982Y</b>	5110
40A, 2 modules	1	30 mA	▶ <b>AD990Y</b>	6005
	1	100mA	▶ <b>AE990Y</b>	6140
	1	300 mA	<b>AF990Y</b>	6040



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>	8790
	1	300 mA	<b>AFH956</b>	9305
10A, 2 modules	1	30 mA	<b>ADH960</b>	8790
	1	300 mA	<b>AFH960</b>	9305
16A, 2 modules	1	30 mA	<b>ADH966</b>	8790
	1	300 mA	<b>AFH966</b>	9305
20A, 2 modules	1	30 mA	<b>ADH970</b>	8790
	1	300 mA	<b>AFH970</b>	9305
25A, 2 modules	1	30 mA	<b>ADH975</b>	8900
	1	300 mA	<b>AFH975</b>	9305
32A, 2 modules	1	30 mA	<b>ADH982</b>	9405
40A, 2 modules	1	30 mA	<b>ADH990</b>	10945



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>	3990
	1	100 mA	▶ <b>AEC206Y</b>	4965
10A, 4 modules	1	30 mA	▶ <b>ADC210Y</b>	3950
	1	100 mA	▶ <b>AEC210Y</b>	4965
16A, 4 modules	1	30 mA	▶ <b>ADC216Y</b>	3825
	1	100 mA	▶ <b>AEC216Y</b>	4780
	1	300 mA	▶ <b>AFC216Y</b>	4940
25A, 4 modules	1	30 mA	▶ <b>ADC225Y</b>	3825
	1	100 mA	▶ <b>AEC225Y</b>	4690
	1	300 mA	▶ <b>AFC225Y</b>	4940
32A, 4 modules	1	30 mA	▶ <b>ADC232Y</b>	4180
	1	100 mA	▶ <b>AEC232Y</b>	4780
	1	300 mA	▶ <b>AFC232Y</b>	4940
40A, 4 modules	1	30 mA	▶ <b>ADC240Y</b>	4970
	1	100 mA	▶ <b>AEC240Y</b>	5500
	1	300 mA	▶ <b>AFC240Y</b>	5660
63A, 4 modules	1	30 mA	▶ <b>ADC263Y</b>	5950
	1	100 mA	▶ <b>AEC263Y</b>	6365
	1	300 mA	▶ <b>AFC263Y</b>	6480



ADC425Y

<b>Four Pole</b>				
16A, 6 modules	1	30 mA	▶ <b>ADC416Y</b>	5385
	1	100 mA	▶ <b>AEC416Y</b>	6070
	1	300 mA	▶ <b>AFC416Y</b>	6260
25A, 6 modules	1	30 mA	▶ <b>ADC425Y</b>	5385
	1	100 mA	▶ <b>AEC425Y</b>	5815
	1	300 mA	▶ <b>AFC425Y</b>	6040
32A, 7 modules	1	30 mA	▶ <b>ADC432Y</b>	5555
	1	100 mA	▶ <b>AEC432Y</b>	5875
	1	300 mA	▶ <b>AFC432Y</b>	6040
40A, 7 modules	1	30 mA	▶ <b>ADC440Y</b>	5640
	1	100 mA	▶ <b>AEC440Y</b>	6050
	1	300 mA	▶ <b>AFC440Y</b>	6160
63A, 7 modules	1	30 mA	▶ <b>ADC463Y</b>	6675
	1	100 mA	▶ <b>AEC463Y</b>	6870
	1	300 mA	▶ <b>AFC463Y</b>	6990



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>	12860
125A, adjustable sensitivity – 300/500mA/1A, 6 modules Trip time – Inst, 60 msec, 150 msec	1	<b>BTC380E</b>	13820
<b>4P Type AC</b>			
125A, 30mA, instantaneous trip, 6 modules	1	<b>BDC480E</b>	14485
125A, 300mA, instantaneous trip, 6 modules	1	<b>BFC480E</b>	13920
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	<b>BTC480E</b>	15440
<b>3P Type Hi</b>			
125A, 30mA, instantaneous trip, 6 modules	1	<b>BDH380E</b>	15435
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	<b>BTH380E</b>	18810
<b>4P Type Hi</b>			
125A, 30mA, instantaneous trip, 6 modules	1	<b>BDH480E</b>	17410
125A, 300mA, instantaneous trip, 6 modules	1	<b>BFH480E</b>	18430
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	<b>BTH480E</b>	20825



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>LS501</b>	255
	6	Double Pole	<b>LS502</b>	455
<b>L51 fuse carriers</b>				
690V - 32A	1	Single Pole	▶ <b>LS601</b>	1010
	1	Double Pole	<b>LS602</b>	2090



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>	50
10 x 38 mm	10		2A	▶ <b>LF302G</b>	50
breaking capacity: 120kA	10		4A	▶ <b>LF304G</b>	50
	10		6A	▶ <b>LF306G</b>	50
	10		8A	▶ <b>LF308G</b>	50
	10		10A	▶ <b>LF310G</b>	50
	10		12A	▶ <b>LF312G</b>	50
	10		16A	▶ <b>LF316G</b>	50
	10		20A	▶ <b>LF320G</b>	50
	10		25A	▶ <b>LF325G</b>	55
	10	400 V AC	32A	▶ <b>LF332G</b>	60
<b>Cartridge fuses</b>					
type gG	10	690 V AC	2A	▶ <b>LF402G</b>	110
14 x 51 mm	10		4A	▶ <b>LF404G</b>	110
breaking capacity:	10		6A	▶ <b>LF406G</b>	110
2 to 25A : 80kA	10		8A	▶ <b>LF408G</b>	110
32 to 50A : 120kA	10		10A	▶ <b>LF410G</b>	110
	10		12A	▶ <b>LF412G</b>	110
	10		16A	▶ <b>LF416G</b>	110
	10		20A	▶ <b>LF420G</b>	110
	10		25A	▶ <b>LF425G</b>	110
	10	500 V AC	32A	▶ <b>LF432G</b>	110
	10		40A	▶ <b>LF440G</b>	110
	10		45A	▶ <b>LF445G</b>	140
	10	400 V AC	50A	▶ <b>LF450G</b>	140



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>	26350
limp 50kA	1	1P(N-PE), 2 modules	▶ <b>SP150</b>	11855

#### Type 2 products-main protection

Imax 65kA	1	1P, 1 modules	<b>SPN165R</b>	8980
(with reserve indicator	1	1P+N, 2 modules	<b>SPN265R</b>	15350
& remote signalling)	1	4P,4 modules	▶ <b>SPN465R</b>	30485
Imax 40kA	1	1P, 1 module	<b>SPN140R</b>	7310
(with reserve indicator & remote signalling)	1	4P, 4 modules	<b>SPN440R</b>	26635
Imax 40kA	1	1P, 1 module	<b>SPD140D</b>	5295
	1	1P+N, 2 modules	▶ <b>SPD240D</b>	8980
	1	4P, 4 modules	<b>SPD440D</b>	17635
Imax 15kA	1	1P+N, 2 modules	▶ <b>SPD215D</b>	7600
	1	4P, 4 modules	▶ <b>SPD415D</b>	14470



SPN440R

<b>Phase cartridges for</b>				
	1	SPN165/265/465R	<b>SPN065R</b>	6165
	1	SPN140/240/440R	<b>SPN040R</b>	4985
	1	SPD140/240/440D	<b>SPD040D</b>	3150
	1	SPD(N)115/215/415D	<b>SPD015D</b>	2470
	1	SPN203N	<b>SPN023N</b>	#
	1	SPN403N	<b>SPN043N</b>	#
<b>Neutral cartridges for</b>				
	1	SPN265/465R	<b>SPN065N</b>	5785
	1	SPN240/440R	<b>SPN040N</b>	4810
	1	SPDxxxD	<b>SPD040N</b>	4835

# - 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	2075
40A, 2 modules	1	▶ SFT240N	3165
63A, 4 modules		SF263	3355
<b>Four Pole</b>			
40A, 4 modules	1	▶ SFT440N	5095
63A, 8 modules	1	SF463	5595



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	420
<b>Double Pole</b>			
25A, 1 module	1	SBN225N	450
32A, 1 module	1	SBN232N	495
40A, 2 modules	1	▶ SBN240N	545
63A, 2 modules	1	▶ SBN263N	725
100A, 2 modules	1	▶ SBN290N	995
125A, 2 modules	1	▶ SBN299N	1135
<b>Triple Pole</b>			
32A, 2 module	1	SBN332N	905
40A, 3 modules	1	▶ SBN340N	955
63A, 3 modules	1	▶ SBN363N	1130
100A, 3 modules	1	▶ SBN390N	1275
125A, 3 modules	1	▶ SBN399N	1470
<b>Four Pole</b>			
32A, 2 module	1	SBN432N	980
40A, 4 modules	1	▶ SBN440N	1220
63A, 4 modules	1	▶ SBN463N	1335
100A, 4 modules	1	▶ SBN490N	1655
125A, 4 modules	1	▶ SBN499N	1825



SBN440N



# 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>	685
Red, 1 module	12	▶ <b>SVN122</b>	685
Orange, 1 module	12	▶ <b>SVN123</b>	685
Blue, 1 module	12	▶ <b>SVN124</b>	685
Red+Green indicator, 1 module	12	<b>SVN126</b>	885
Red+Green+Orange indicator, 1 module	12	▶ <b>SVN129</b>	1255
Red+Orange+Blue (RYB) indicator, 1 module	12	▶ <b>SVN222</b>	1255



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>	1205
2NO, 1 module	1	<b>SVN332</b>	1235
1NO + 1NC, 1 module	1	<b>SVN352</b>	1235

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>16A with green indicator</b>			
1NO, 1 module	1	<b>SVN413</b>	1710



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 (₹)
<b>Type 1 products-main protection</b>			
2 NO, 25A, 1 module	1	▶ <b>ESC225</b>	1930
1 NO+1NC, 25A, 1 module	1	<b>ESC227</b>	2100
2 NO, 40A, 3 modules	1	▶ <b>ESC240</b>	3365
2 NO, 63A, 3 modules	1	▶ <b>ESC263</b>	4580
3 NO, 40A, 3 modules	1	<b>ESC340</b>	4595
3 NO, 63A 3 modules	1	<b>ESC363</b>	5510
4 NO, 25A, 3 modules	1	<b>ESC425</b>	3010
4 NO, 40A, 3 modules	1	▶ <b>ESC440</b>	5525
2 NO+2NC, 40A, 3 modules	1	<b>ESC442</b>	5045
3 NO+1NC, 40A, 3 modules	1	<b>ESC443</b>	4910
4 NO, 63A, 3 modules	1	▶ <b>ESC463</b>	6585
2NO+2NC, 63A, 3 modules	1	▶ <b>ESC465</b>	5890
3NO+1NC, 63A, 3 modules	1	<b>ESC466</b>	6165
Auxiliary contact 1NO+1NC	1	<b>ESC080</b>	1840



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>	2865
Quartz 1 channel 1 daily dial 3 modules	1	▶ <b>EH111</b>	2935
Quartz 1 channel 1 daily dial	1	▶ <b>EH711</b>	2765
Quartz 1 channel weekly dial	1	▶ <b>EH771</b>	3115



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>	7070



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>	9065
Astro time switch with USB key, 2 channels	1	▶ <b>EE181</b>	10455
PC programming kit for EE180, EE181, EG103E	1	<b>EG003U</b>	9015
Spare USB key	1	<b>EG005</b>	955



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>	15460
Outdoor IP54 twilight switch 2 to 1000 lux	1	<b>EE702</b>	6500
Spare IP54 surface cell for EE100 & 110	1	▶ <b>EEN003</b>	6180



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>	4780
10A AC 1, 1 channel, surface mounted	1		
Single lens, 360°, 6m dia detection	1	▶ <b>EE805A</b>	4780
10A AC 1, 1 channel, flush mounted	1		
<b>Presence detectors</b>			
Dual lens, 360°, 13m x 7m detection	1	▶ <b>EE810</b>	9310
16A AC 1, 1 channel, surface mounted			
Dual lens, 360°, 13m x 7m detection	1	▶ <b>EE811</b>	10725
16A & 2A AC 1, 2 channels, surface mounted			
Monobloc, 360°, 7m x 7m detection	1	▶ <b>EE815</b>	10180
16A AC 1, daylight override, flush mounted, IR remote (accessory)			
Monobloc, 360°, 7m x 7m detection	1	▶ <b>EE816</b>	13640
16A AC 1, daylight regulation, DALI/DSI, IR remote (accessory)			
Hyper frequency motion detector	1	▶ <b>EE883</b>	12770
1 channel, Area detection: 1m - 8m, Surface mounted, Time delay: 5s - 15mins			
IR motion detector for Corridors	1	▶ <b>EE880</b>	10135
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>	6020
Movement detector, 200°, 16m front detection, 10A AC 1	1	▶ <b>EE830</b>	6855
Movement detector, 360°, 10m dia detection, 10A AC 1	1	▶ <b>EE840</b>	7795
<b>Enhanced range</b>			
Movement detector, 140°, 16m front detection, 16A AC 1	1	▶ <b>EE850</b>	7825
Movement detector, 220°, 16m front detection, 16A AC 1	1	▶ <b>EE860</b>	8735
Movement detector, 220+360°, 16m front + 6m dia, 16A AC 1	1	▶ <b>EE870</b>	9775



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>	4555
Installer remote control for EE815 & EE816	1	<b>EE807</b>	8520
User remote control for EE816	1	<b>EE808</b>	6175
Surface mounting box (for EE810, EE811, EE812)	1	<b>EE813</b>	650



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>	9580
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>	14700
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>	16535
1/10 V Pilot dimmers with scene input to control several EV102 with adjustable preset levels & time delays	1	<b>EV108</b>	18090

# 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	<b>WSNSW11</b>	155
1 way glossy white with LED	1	<b>WSNSL11</b>	230
1 way anthracite	1	<b>WSNSW11A</b>	186
1 way anthracite with LED	1	<b>WSNSL11A</b>	275
2 way glossy white	1	<b>WSNSW21</b>	205
2 way anthracite	1	<b>WSNSW21A</b>	245



WSNSW31

**insysta™ 10AX switches**

Description	Module size	Cat. No.	Unit MRP - ₹
1 way glossy white	1	<b>WSNSW31</b>	180
1 way anthracite	1	<b>WSNSW31A</b>	215



WSNSW61

**insysta™ 16AX switches**

Description	Module size	Cat. No.	Unit MRP - ₹
1 way glossy white	1	<b>WSNSW51</b>	270
1 way glossy white with LED	1	<b>WSNSL51</b>	260
1 way anthracite	1	<b>WSNSW51A</b>	295
1 way anthracite with LED	1	<b>WSNSL51A</b>	315
2 way glossy white	1	<b>WSNSW61</b>	295
2 way anthracite	1	<b>WSNSW61A</b>	355



WSNSL71

**insysta™ 20AX switches**

Description	Module size	Cat. No.	Unit MRP - ₹
1 way glossy white	1	<b>WSNSW71</b>	265
1 way glossy white with LED	1	<b>WSNSL71</b>	285
1 way anthracite	1	<b>WSNSW71A</b>	320
1 way anthracite with LED	1	<b>WSNSL71A</b>	340



WSNMS12

**insysta™ 25A motor starter switches**

Description	Module size	Cat. No.	Unit MRP - ₹
glossy white	3	<b>WSNMS12</b>	670
anthracite	3	<b>WSNMS12A</b>	805



WSNSW81

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

Description	Module size	Cat. No.	Unit MRP - ₹
20A DP 1 way glossy white	2	<b>WSNSW81</b>	580
20A DP 1 way anthracite	2	<b>WSNSW81A</b>	695
32A DP 1 way glossy white	2	<b>WSNSL92</b>	820
32A DP 1 way anthracite	2	<b>WSNSL92A</b>	985

**insysta™ Push button**



WSNBP11

Description	Module size	Cat. No.	Unit MRP - ₹
6A glossy white	1	WSNBP11	210
6A glossy white with Indicator	1	WSNBP21	285
6A glossy white	2	WSNBP12	305
6A glossy white with Indicator	2	WSNBP22	365
6A anthracite	1	WSNBP11A	255
6A anthracite with Indicator	1	WSNBP21A	340
6A anthracite	2	WSNBP12A	365
6A anthracite with Indicator	2	WSNBP22A	440

**insysta™ Sockets**



WSNSK42

Description	Module size	Cat. No.	Unit MRP - ₹
6 / 16A glossy white Protruded	2	WSNSK42	350
6 / 16A glossy white	3	WSNSK53	425
6 / 16A anthracite Protruded	2	WSNSK42A	420
6 / 16A anthracite	3	WSNSK53A	510
6 / 16A glossy white	2	WSNSK72	270
6 / 16A anthracite	2	WSNSK72A	320

**insysta™ Regulators & dimmers**



WSNFC22

Description	Module size	Cat. No.	Unit MRP - ₹
100W glossy white fan regulator	1	WSNFC11	705
120W glossy white fan regulator	2	WSNFC22	965
400W glossy white incandescent rotary dimmer	1	WSNDM11	845
1000W glossy white incandescent rotary dimmer	2	WSNDM22	1690
100W anthracite fan regulator	1	WSNFC11A	845
120W anthracite fan regulator	2	WSNFC22A	1155
400W anthracite incandescent rotary dimmer	1	WSNDM11A	1015
1000W anthracite incandescent rotary dimmer	2	WSNDM22A	2030

**insysta™ Data sockets**



WSNDS11

Description	Module size	Cat. No.	Unit MRP - ₹
glossy white RJ11 single	1	WSNDS11	225
glossy white RJ11 twin	1	WSNDS21	305
glossy white RJ45 cat 5e	1	WSNDS31	555
glossy white RJ45 cat 6	1	WSNDS41	655
anthracite RJ11 single	1	WSNDS11A	270
anthracite RJ11 twin	1	WSNDS21A	365
anthracite RJ45 cat 5e	1	WSNDS31A	670
anthracite RJ45 cat 6	1	WSNDS41A	785

**insysta™ VDI module & accessories**



WSNDT11



WSNDT31

Description	Module size	Cat. No.	Unit MRP - ₹
glossy white HDMI Port	1	WSNDT21	1605
glossy white 3x female RCA AV Connector	1	WSNDT31	2120
glossy white female HD VGA 15AV Connector	1	WSNDT42	2730
glossy white Co-Axial TV socket	1	WSNDT11	180
glossy white cord outlet	1	WSNDS71	240
glossy white blanking plate	1	WSNBK11	45
anthracite HDMI Port	1	WSNDT21A	1925
anthracite 3x female RCA AV Connector	1	WSNDT31A	2540
anthracite female HD VGA 15AV Connector	1	WSNDT42A	3275
anthracite Co-Axial TV socket	1	WSNDT11A	220
anthracite cord outlet	1	WSNDS71A	290
anthracite blanking plate	1	WSNBK11A	50



WSNDS51

**insysta™ USB sockets**

Description	Module size	Cat. No.	Unit MRP - ₹
glossy white USB Port	1	<b>WSNDS51</b>	1285
anthracite USB Port	1	<b>WSNDS51A</b>	1540
2A glossy white USB charger	1	<b>WSNDS61</b>	2355
2A anthracite USB charger	1	<b>WSNDS61A</b>	2675



WSNHS22



WSNHS12



WSNHS62

**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	<b>WSNHS12</b>	1575
glossy white internal DND/MMR control & light indicator for DND/MMR	2	<b>WSNHS22</b>	1155
anthracite external DND/MMR with door bell switch & light indicator DND/MMR	2	<b>WSNHS12A</b>	1890
anthracite internal DND/MMR control & light indicator for DND/MMR	2	<b>WSNHS22A</b>	1385
<b>Hotel card unit</b>			
glossy white hotel key card	2	<b>WSNHS32</b>	4410
anthracite hotel key card	2	<b>WSNHS32A</b>	5290
<b>Shaver socket</b>			
glossy white shaver socket	4	<b>WSNHS44</b>	4725
anthracite shaver socket	4	<b>WSNHS44A</b>	5670
<b>Skirting light</b>			
glossy white skirting light with white LED	2	<b>WSNHS52</b>	840
anthracite skirting light with white LED	2	<b>WSNHS52A</b>	1010
<b>Buzzer</b>			
glossy white buzzer	2	<b>WSNHS62</b>	1050
anthracite buzzer	2	<b>WSNHS62A</b>	1260
<b>Volume controller</b>			
glossy white volume controller	2	<b>WSNHS72</b>	1285
anthracite volume controller	2	<b>WSNHS72A</b>	1510

**insysta™ Cover plates - Plastic**

Pack Qty.	Module size	Glossy white		Anthracite		Aluminium	
		Cat. No.	Unit MRP - ₹	Cat. No.	Unit MRP - ₹	Cat. No.	Unit MRP - ₹
15	1	<b>WSNCG1</b>	135	<b>WSNCG1A</b>	240	<b>WSNCG1S</b>	235
15	2	<b>WSNCG2</b>	140	<b>WSNCG2A</b>	255	<b>WSNCG2S</b>	250
10	3	<b>WSNCG3</b>	160	<b>WSNCG3A</b>	275	<b>WSNCG3S</b>	270
10	4	<b>WSNCG4</b>	165	<b>WSNCG4A</b>	310	<b>WSNCG4S</b>	305
5	6	<b>WSNCG6</b>	305	<b>WSNCG6A</b>	525	<b>WSNCG6S</b>	515
5	8	<b>WSNCG8</b>	330	<b>WSNCG8A</b>	580	<b>WSNCG8S</b>	570
5	8	<b>WSNCGS8</b>	430	<b>WSNCGS8A</b>	740	<b>WSNCGS8S</b>	725
5	12	<b>WSNCG12</b>	545	<b>WSNCG12A</b>	960	<b>WSNCG12S</b>	940
5	18	<b>WSNCG18</b>	740	<b>WSNCG18A</b>	1265	<b>WSNCG18S</b>	1240



WSNCG1

**insysta™ Cover plates - Real material**

Pack Qty.	Module size	White glass		Black glass	
		Cat. No.	Unit MRP - ₹	Cat. No.	Unit MRP - ₹
1	1	<b>WSNCG1GW</b>	1700	<b>WSNCG1GB</b>	1755
1	2	<b>WSNCG2GW</b>	1910	<b>WSNCG2GB</b>	1965
1	3	<b>WSNCG3GW</b>	2425	<b>WSNCG3GB</b>	2480
1	4	<b>WSNCG4GW</b>	2500	<b>WSNCG4GB</b>	2550
1	6	<b>WSNCG6GW</b>	3610	<b>WSNCG6GB</b>	3665
1	8	<b>WSNCG8GW</b>	4200	<b>WSNCG8GB</b>	4255
1	8	<b>WSNCGS8GW</b>	4190	<b>WSNCGS8GB</b>	4240



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>	125
Grid Plate - 6 module	1	6	<b>WSNG6</b>	170
Grid Plate - 8 module (Horizontal)	1	8	<b>WSNG8</b>	210
Grid Plate - 8 module (Square)	1	8	<b>WSNG8S</b>	220
Grid Plate - 12 module	1	12	<b>WSNG12</b>	315



WSNMB3

**insysta™ Wall boxes**

Description	Pack Qty.	Module size	Cat. No.	Unit MRP - ₹
Metal Mounting Boxes 1 & 2	60	2	<b>WSNMB2</b>	95
Metal Mounting Boxes 3 module	45	3	<b>WSNMB3</b>	95
Metal Mounting Boxes 4 module	30	4	<b>WSNMB4</b>	125
Metal Mounting Boxes 6 module	20	6	<b>WSNMB6</b>	195
Metal Mounting Boxes 8 module (Horizontal)	15	8	<b>WSNMB8H</b>	225
Metal Mounting Boxes 8 module (Square)	24	8	<b>WSNMB8R</b>	225
Metal Mounting Boxes 12 module	16	12	<b>WSNMB12</b>	340
Metal Mounting Boxes 18 module	10	18	<b>WSNMB18</b>	430



**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.

# VRAJ LINK

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