

# Energy distribution, Controls & Wiring accessories.

## Pricelist

with effect from

## 01<sup>st</sup> March 2024

**:hager**

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## 01 Distribution boards

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



12-23

## 02 Protection and switching devices

**hW** ACBs / **h3+** MCCBs / **h3** MCCBs / Power Contactors / Relays /  
MPCB / Manual Changeover switches / Automatic transfer switches / ACCL /  
**h3** MCBs / RCCBs / RCBOs / Accessories / HRC Fuses and Fuse carriers /  
Surge protection devices / Isolating switches / Changeover switches



24-56

## 03 Energy and lighting control

Indicator lights / Pushbuttons / Modular contactors / Latching relays /  
Time switches / Twilight switches / Movement & presence detectors /  
Dimmers / Time lag switch



58-63

## 04 insysta™ Wiring Accessories

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



64-69

From inception to completion, customized or simple your modern building designs gets delivered with Hager distribution boards.  
#bringinglifetobuildings

## Distribution Board

# novello+

## tried and tested



**Type-tested performance**  
to IEC-61439-1  
IS 8623-III



**Unique ease of mounting**  
with minimal screws



**Trusted rigidity**  
and extra durability  
(IP43, IK09)



**Tried flexibility**  
thanks to  
modular design



novello <sup>+</sup> SPN	14
novello <sup>+</sup> TPN	15
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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>	1714
8 way, 8 modules	1	▶ <b>VYS08C</b>	2161
12 way, 12 modules	1	▶ <b>VYS12C</b>	2557
16 way, 16 modules	1	▶ <b>VYS16C</b>	3153
18 way, 18 modules	1	▶ <b>VYS18C</b>	3615



VYS12D

### IP43 Double Door DBs

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

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



VYT06CH

## TPN distribution boards

### Characteristics:

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

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

### IP30 Single Door DBs

(Incomer + Outgoing Modules)

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



VYT06DH

### IP43 Double Door DBs

(Incomer + Outgoing Modules)

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

## Novello+ Distribution Boards



### Advantages for you:

- Professional alignment with spirit level
- Reusable & flexible cable management
- Better protection with unique door packaging
- Upgrade to lockable enclosures possible

### Standard Accessories:

- Wires sets
- Insulated bus bars
- Insulated neutral bars & earth bar
- blanking plates, Cable management system
- Circuit identification labels

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



VYH04DH

### TPN horizontal PPI distribution boards

#### Characteristics:

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

#### Accessories:

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

#### IP43 Double Door DBs

(Incomer+ Sub Incomer + Outgoing Modules)

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

### TPN tier PPI distribution board

#### Characteristics:

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

#### Accessories:

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

#### IP43 Double Door DBs

(Incomer+ Sub Incomer + Outgoing Modules)

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



VYP10DH

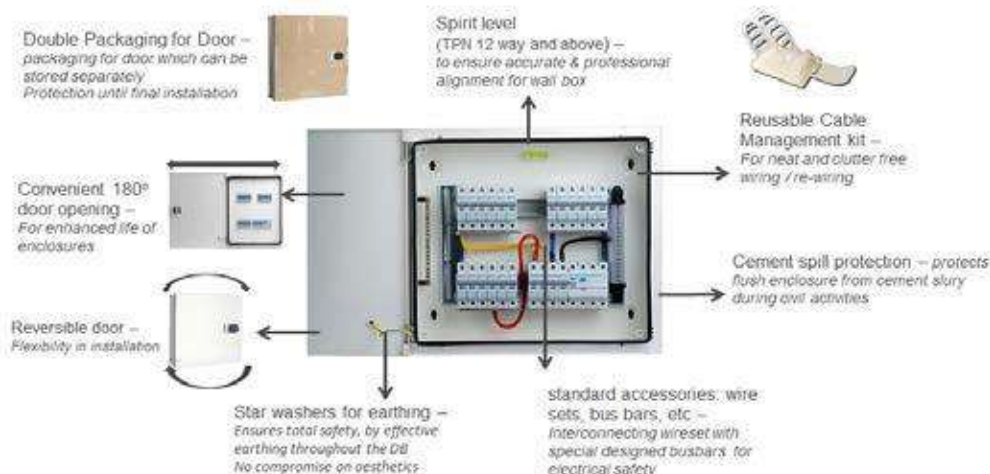
- \*Provision to mount frame X160 h3 MCCB

- 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.

## Novello+ Distribution Boards





VYV04DL-P

### vertical TPN distribution boards (modular incomer)

#### Characteristics:

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

#### Accessories:

- Interconnection labels
- Blanking plates
- Cable management kit

#### IP43 Double Door DBs

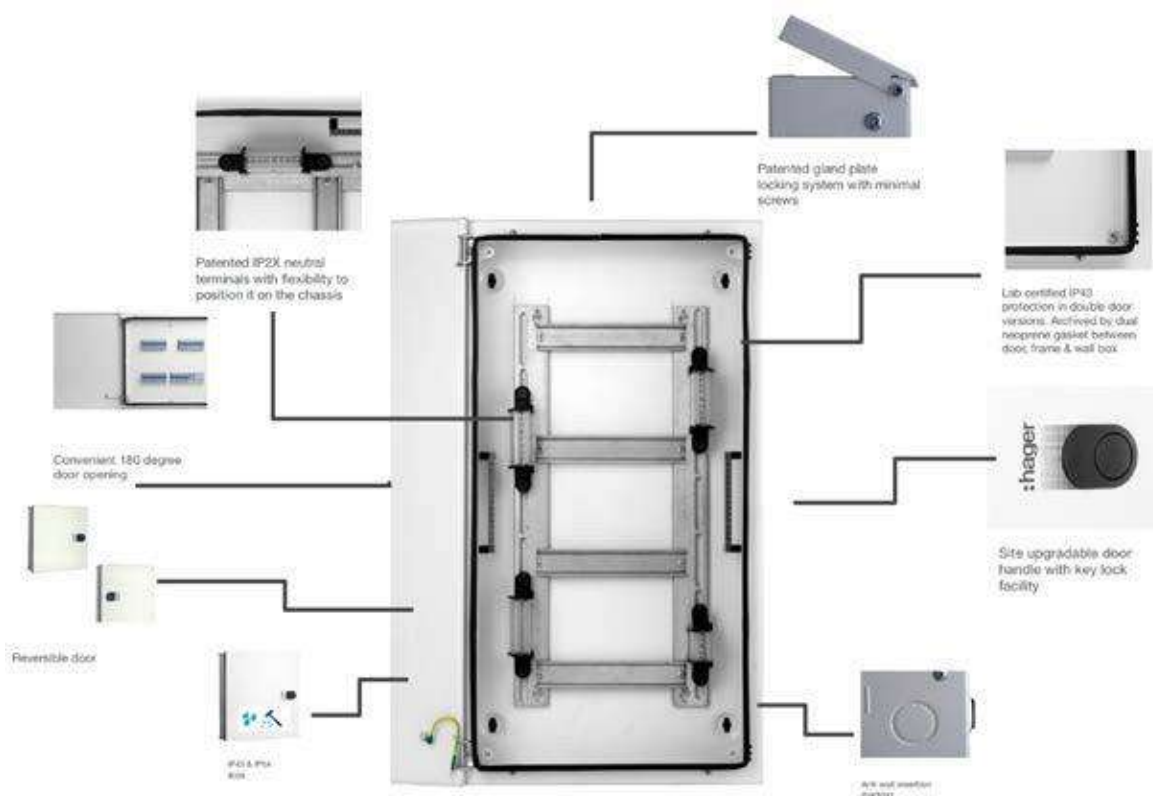
(Incomer + Outgoing Modules)

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

#### Metering Box

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

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







VYV06DM-P

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

**Characteristics:**

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

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

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



VYV06DM-P160

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

**Characteristics:**

- Double Door: IP43
- As per IS 8623 - III
- Impact resistance IK09
- P160 frame h3 MCCB incomer & SP/TP MCBs as outgoing
- Accessories:
  - 160A rated busbar
  - Blanking plates
  - Cable management kit
  - Identification labels as standard

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

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



VYV06DM2-P

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

**Characteristics:**

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

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

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



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>	14442	<b>VYG04DM</b>	20621
6 way, 12+12+18 modules	1	▶ <b>VYG06DL</b>	16266	<b>VYG06DM</b>	23569
8 way, 12+12+24 modules	1	▶ <b>VYG08DL</b>	18152	<b>VYG08DM</b>	26993
12 way, 12+12+36 modules	1	▶ <b>VYG12DL</b>	22578	<b>VYG12DM</b>	30779

- \*Provision to mount X160 frame H3 MCCB



VYC06DH

## TPN phase selector distribution boards

### Characteristics:

- Single Door: IP30
- Double Door: IP43
- As per IS 8623 - III
- Impact resistance IK09
- 63A rotary switches
- Accessories:
  - Wire sets
  - Insulated busbars, neutral bars & earth bars
  - blanking plates
  - Cable management kit
  - Identification labels as standard

### IP43 Double Door DBs

(Incomer+ Outgoing Modules)

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



VYF414D

## flexi distribution boards

### Characteristics:

- Double Door: IP43 & IP54
- Plain & Acrylic doors
- As per IS 8623 - III
- Impact resistance IK09
- Flexibility to mount incomer & outgoing as per need
- Accessories:
  - Blanking plates
  - Insulated IP2X neutral bars & earth bar
  - Circuit identification labels as standard

### IP43 Double Door DBs

(Total Modules)

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

- 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>	959
4 way, 4 modules	1	▶ <b>VYM04C</b>	959
6 way, 6 modules	1	▶ <b>VYM06C</b>	1615
8 way, 8 modules	1	▶ <b>VYM08C</b>	1615
metal enclosure hinged door, 3 pole, x160 frame MCCB	1	▶ <b>VYM160HM</b>	3574
metal enclosure hinged door, 4 pole, x160 frame MCCB	1	▶ <b>VYM161HM</b>	3574
metal enclosure hinged door, 3 pole, x250 frame MCCB	1	▶ <b>VYM250HM</b>	9329
metal enclosure hinged door, 4 pole, x250 frame MCCB	1	▶ <b>VYM251HM</b>	9329
160A 3P MCCB h3+ Enclosure	1	<b>VYM160HM-P160</b>	3776
160A 4P MCCB h3+ Enclosure	1	▶ <b>VYM161HM-P160</b>	3776
250A 3P MCCB h3+ Enclosure	1	<b>VYM250HM-P250</b>	9857
250A 4P MCCB h3+ Enclosure	1	<b>VYM251HM-P250</b>	9857
630A 3P MCCB h3+ Enclosure	1	<b>VYM630HM-P630</b>	10659
630A 4P MCCB h3+ Enclosure	1	<b>VYM631HM-P630</b>	10659



VYA220C

### plug & socket outlets - metal

#### Characteristics:

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

- Metal plug & socket: IP30

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

\* SC - Scraping Earth



VYB432C

### plug & socket outlets - plastic

#### Characteristics:

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

- Accessories:  
- Plastic plug & socket

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



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>	301	10A 2P+E Metal Socket	<b>VZ140I</b>	307
20A 2P+E Metal Plug	10	▶ <b>VZ131I</b>	314	20A 2P+E Metal Socket	▶ <b>VZ141I</b>	343
20A 3P+E Metal Plug	10	▶ <b>VZ132I</b>	427	20A 3P+E Metal Socket	▶ <b>VZ142I</b>	464
32A 3P+E Metal Plug	5	▶ <b>VZ133I</b>	754	32A 3P+E Metal Socket	▶ <b>VZ143I</b>	754
63A 5P Metal Plug	1	<b>VZ134I</b>	3441	63A 5P Metal Socket	<b>VZ144I</b>	3654

## 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

### Description



VYT08E

CEB for SPN DBs	Pack Qty.	Cat. Ref.	Unit MRP (₹)
CEB for 4 way SPN DD DB	1	<b>VYS04E</b>	1037
CEB for 6 way SPN DD DB	1	<b>VYS06E</b>	1094
CEB for 8 way SPN DD DB	1	<b>VYS08E</b>	1216
CEB for 12 way SPN DD DB	1	<b>VYS12E</b>	1379
CEB for 16 way SPN DD DB	1	<b>VYS16E</b>	1947
CEB for 18 way SPN DD DB	1	<b>VYS18E</b>	2022

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

CEB for 4 way TPN DD DB	1	<b>VYT04E</b>	1779
CEB for 6 way TPN DD DB	1	▶ <b>VYT06E</b>	1929
CEB for 8 way TPN DD DB	1	<b>VYT08E</b>	3390
CEB for 12 way TPN DD DB	1	<b>VYT12E</b>	4531
CEB for 16 way TPN DD DB	1	<b>VYT16E</b>	4531

### CEB for TPN Horizontal PPI DB

CEB for 2 + 4 way Horizontal PPI DD DB	1	<b>VYH04E</b>	1872
CEB for 2 + 6 way Horizontal PPI DD DB	1	<b>VYH06E</b>	2938
CEB for 2 + 8 way Horizontal PPI DD DB	1	<b>VYH08E</b>	3436
CEB for 2 + 12 way Horizontal PPI DD DB	1	<b>VYH12E</b>	3882

### CEB for TPNTier PPI DB

CEB for 2 + 6 way Tier PPI DD DB	1	<b>VYP06E</b>	1616
CEB for 2 + 8 way Tier PPI DD DB	1	<b>VYP08E</b>	1646
CEB for 2 + 10 way Tier PPI DD DB	1	<b>VYP10E</b>	2039
CEB for 2 + 12 way Tier PPI DD DB	1	<b>VYP12E</b>	3115
CEB for 2 + 12 way Tier PPI DD DB (MCCB)	1	<b>VYP12Em</b>	3251

### CEB for vertical TPN DB

CEB for Vertical TPN DD DB	1	<b>VYV00E</b>	4977
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### CEB for Flexi DB

CEB for 14Mod flexy DB	1	<b>VYF14E</b>	1697
CEB for 16Mod flexy DB	1	<b>VYF16E</b>	2068

Note: DD means double door



VZ100i

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

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



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>	1999
1 row 8 modules (8 way SPN DB)	1	<b>VF108PJ</b>	<b>VF108TJ</b>	2625
1 row 12 modules (12 way SPN DB)	1	<b>VF112PJ</b>	<b>VF112TJ</b>	3335
1 row 18 modules (18 way SPN DB)	1	<b>VF118PJ</b>	<b>VF118TJ</b>	4445
2 row 24 modules (6 way TPN DB)	1	► <b>VF212PJ</b>	<b>VF212TJ</b>	5106
2 row 36modules (8 way TPN DB)	1	<b>VF218PJ</b>	<b>VF218TJ</b>	6932
3 row 36 modules (8 way TPN DB)	1	<b>VF312PJ</b>	<b>VF312TJ</b>	6663
4 row 48 modules (12 way TPN DB)	1	<b>VF412PJ</b>	<b>VF412TJ</b>	8159

### 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>	1999
1 row 8 modules (8 way SPN DB)	1	<b>VS108PJ</b>	<b>VS108TJ</b>	2625
1 row 12 modules (12 way SPN DB)	1	<b>VS112PJ</b>	<b>VS112TJ</b>	3335
1 row 18 modules (18 way SPN DB)	1	<b>VS118PJ</b>	<b>VS118TJ</b>	4445
2 row 24 modules (6 way TPN DB)	1	<b>VS212PJ</b>	<b>VS212TJ</b>	5106
2 row 36modules (8 way TPN DB)	1	<b>VS218PJ</b>	<b>VS218TJ</b>	6932
3 row 36 modules (8 way TPN DB)	1	<b>VS312PJ</b>	<b>VS312TJ</b>	6663
4 row 48 modules (12 way TPN DB)	1	<b>VS412PJ</b>	<b>VS412TJ</b>	8159



VS412PJ

## golf enclosures



### Advantages for you:

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



VE318L

### vector enclosures

#### Characteristics:

- Double door: IP65
- Surface mounted version

- Flexibility to mount incomer & outgoing as per need

#### Total modules

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

### Busbars, neutral bars & other accessories for DBs

#### Characteristics:

- All Insulated busbars are rated for 63A



KDN163A

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

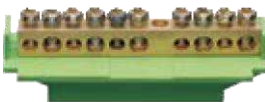
Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
1 pole 1 mod step, 12 mod	100	<b>KDN163A</b>	547
1 pole 1 mod step, 56 mod	50	▶ <b>KD163B</b>	2047
2 pole 2 mod step, 12 mod	50	<b>KDN263A</b>	927
2 pole 2 mod step, 56 mod	20	▶ <b>KD263B</b>	3916
3 pole 3 mod step, 12 mod	50	<b>KDN363A</b>	984
3 pole 3 mod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

#### 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>	567
1 pole 1 step 13 mod - Blue (neutral)	1	<b>KB163N</b>	567

#### End caps for busbars

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



KM14N

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



# 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.



<b>hW</b> ACBs	27
<b>h3+</b> MCCBs thermal magnetic release	30
<b>h3+</b> MCCBs microprocessor LSI release	31
<b>h3+</b> MCCBs microprocessor LSIG release	32
<b>h3+</b> MCCBs microprocessor LSIG energy release	33
<b>h3+</b> MCCBs accessories	36
<b>h3</b> MCCBs thermal magnetic release	37
MCCBs trip free switches	39
MCCBs accessories	40
Power Contactor, Overload Relay and MPCB	41
Manual changeover switches	44
MCOS enclosures	44
Automatic transfer switch	45
Automatic changeover with current limiter - SPN	46
Automatic changeover with current limiter - TPN	46
<b>h3</b> MCBs type NBN, NCN 0.5 to 63 A	47
<b>h3</b> MCBs type NDN 0.5 to 63 A	48
MCBs type HLF 80 to 125 A	49
Auxiliaries & accessories	49
RCCBs	50
RCCB - type Hi (high immunity)	50
RCBOs - 2 pole 2 modules	51
RCBOs / RCBOs type Hi	51
RCBO, RCD+MCB modules	52
RCD add-on blocks (125A)	53
HRC fuse carriers	54
HRC cartridge fuses gG type	54
Surge protection devices	55
Modular changeover switches	56
Isolating switches	56



# High powered air circuit breakers **hw**

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



**:hager**

Indersons, ND 27, PH: 0114724 3000, [sales@indersonsindia.com](mailto:sales@indersonsindia.com)



HWBS416EDA

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

#### Characteristics:

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

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

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

#### Accessories

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

#### Note:

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

#### ACB Variants

Description		Unit MRP (₹)
Switch Disconnecter version (without Protection Release)	Reduce	20000
ACB with LSIG + "A" Release (LCD display with Current Metering)	Add	8500
ACB with LSIG + "E" Release (LCD display with Energy Metering)	On Request	

#### Note:

- LP changes for product configuration w.r.t. ACB having LSIG trip unit

# hager Air Circuit Breakers

## Product codification principle - 18 digits

H W A H 3 16 E F A 0 A A 0 A 0 A 0

ACB series name

Frame size

A = Frame size A  
B = Frame size B  
C = Frame size C

Product Family + Breaking capacity

H = breaker with breaking capacity of 50kA  
N = breaker with breaking capacity of 65kA  
S = breaker with breaking capacity of 85kA  
P = breaker with breaking capacity of 100kA

Number of poles

3 = 3 poles  
4 = 4 poles

Rated current (In)

06 = 630A	20 = 2000A
08 = 800A	25 = 2500A
10 = 1000A	32 = 3200A
12 = 1250A	40 = 4000A
16 = 1600A	50 = 5000A

Market

E = Market letter

Version

F = fixed  
D = draw-out

Trip unit

A = no OCR switch disc.	E = OCR LCD display Amp LI
B = OCR STD LI	F = OCR LCD display Amp LSI
C = OCR STD LSI	G = OCR LCD display Amp LSIG
D = OCR STD LSIG	H = OCR LCD display Energy LSIG

Terminal connection

0 = without	5 = front terminal (FC/FC)
1 = horizontal terminal (HC/HC)	6 = front terminal and horizontal terminal (FC/HC)
2 = vertical terminal (VC/VC)	7 = front terminal and vertical terminal (FC/VC)
3 = horizontal and vertical (HC/VC)	8 = horizontal terminal and front terminal (HC/FC)
4 = vertical and horizontal (VC/HC)	9 = vertical terminal and front terminal (VC/FC)

### Position switch (only DO ACB) & mechanical interlock (pre-assembled)

- 0 = without
- 1 = isolated 1C, test 1C, connected 2C
- 2 = inserted 1C, isolated 1C, test 1C, connected 1C
- 3 = inserted 1C, isolated 1C, test 3C, connected 3C
- 4 = inserted 2C, isolated 2C, test 2C, connected 2C
- 5 = without & MI
- 6 = isolated 1C, test 1C, connected 2C & MI
- 7 = inserted 1C, isolated 1C, test 1C, connected 1C & MI
- 8 = inserted 1C, isolated 1C, test 3C, connected 3C & MI
- 9 = inserted 2C, isolated 2C, test 2C, connected 2C & MI

### OFF lock (key lock device)

- A = without
- B = type 1 (key lock device)
- C = type 2 (key lock device)
- D = type 3 (key lock device)
- E = type 4 (key lock device)
- F = type 5 (key lock device)
- G = Ronis type 1 - K1-L1/L4
- H = Ronis type 2 - K2-L2/4/5
- I = Ronis type 3 - K3-L3/5
- J = Ronis type 4 - K4-L4
- K = Ronis type 5 - K5-L5
- L = Castell type 1 - AA
- M = Castell type 2 - AB
- N = Castell type 3 - A\_

### MOC 2nd Auxiliary Switch & Counter & Arc Shield (only DO ACB)

- 0 = without Counter & without MOC & without Arc Shield
- 1 = with Counter & without MOC & without Arc Shield
- 2 = without Counter & with MOC & without Arc Shield
- 3 = with Counter & with MOC & without Arc Shield
- 4 = without Counter & without MOC & with Arc Shield
- 5 = with Counter without MOC & with Arc Shield
- 6 = without Counter & with MOC & with Arc Shield
- 7 = with Counter & with MOC & with Arc Shield

### Under voltage release or 2nd SH coil

- |                                |                                     |
|--------------------------------|-------------------------------------|
| A = without                    | K = AC 440V with time delay         |
| B = AC/DC 110V                 | L = DC 24V with time delay          |
| C = AC/DC 220V                 | M = DC 48V with time delay          |
| D = AC 380V                    | N = AC/DC 110V double shunt release |
| E = AC 440V                    | O = AC/DC 220V double shunt release |
| F = DC 24V                     | P = AC 380V double shunt release    |
| G = DC 48V                     | Q = AC 440V double shunt release    |
| H = AC/DC 110V with time delay | R = DC 24V double shunt release     |
| I = AC/DC 220V with time delay | S = DC 48V double shunt release     |
| J = AC 380V with time delay    |                                     |

### Closing release

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

### Motor operator & ready to close switch

- |                           |                               |
|---------------------------|-------------------------------|
| A = without               | N = AC/DC 110V motor with RTC |
| B = AC/DC 110V motor only | O = AC/DC 220V motor with RTC |
| C = AC/DC 220V motor only | P = AC 380V motor with RTC    |
| D = AC 380V motor only    | Q = AC 440V motor with RTC    |
| E = AC 440V motor only    | R = DC 24V motor with RTC     |
| F = DC 24V motor only     | S = DC 48V motor with RTC     |
| G = DC 48V motor only     | U = without motor with RTC    |

### Shunt release

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

## Air Circuit Breakers

01

### Intelligent OCR

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



02

### Flexible protection

Can switch ON/OFF LSIGN and thermal memory separately.



03

### Easy communication

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



04

### Easy maintenance

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



05

### Flexible terminal connection

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



06

### Wide range of accessories

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





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 (₹)
40A	P160	▶ HHS040DR	10367	▶ HHS041DR	12181
63A		▶ HHS063DR	10367	▶ HHS064DR	12181
80A		HHS080DR	10367	▶ HHS081DR	12181
100A		▶ HHS100DR	10367	▶ HHS101DR	12181
125A		▶ HHS125DR	16382	▶ HHS126DR	20077
160A	P250	▶ HHS160DR	18084	▶ HHS161DR	22528
200A		▶ HHT200DR	29610	▶ HHT201DR	35617
250A		▶ HHT250DR	30178	▶ HHT251DR	37194
320A		HHJ320DR	37650	HHJ321DR	47127
400A		▶ HHJ400DR	37679	▶ HHJ401DR	47816
630A	P630	▶ HHJ630DE	48825	HHJ631DE	57370

#### Breaking Capacity

Ics=100% Icu as per IEC 60947-2

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

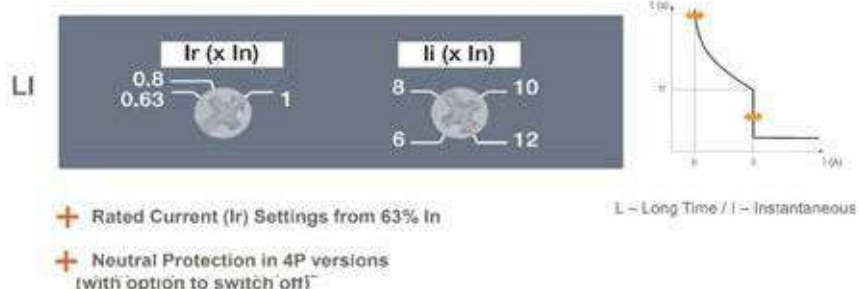
#### Breaking Capacity

Ics=100% Icu as per IEC 60947-2

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



### Thermal Magnetic Releases





### 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

HHT250JR

#### 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 (₹)
40A	P160	HHS040JR	20461	HHS041JR	26569
100A	P160	HHS100JR	20461	HHS101JR	26315
160A	P250	HHS160JR	26135	HHS161JR	33822
250A	P250	HHT250JR	34352	HHT251JR	44054

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

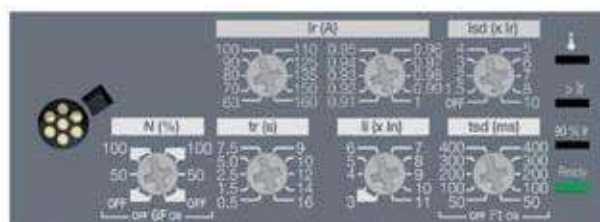
Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
40A	P160	HNS040JR	20503	HNS041JR	26084
100A	P160	HNS100JR	20503	HNS101JR	26084
160A	P160	HNS160JR	26219	HNS161JR	36837
250A	P250	HNT250JR	36147	HNT251JR	49382
400A	P630	HNW400JR	57422	HNW401JR	65546
630A	P630	HNW630JR	60697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

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

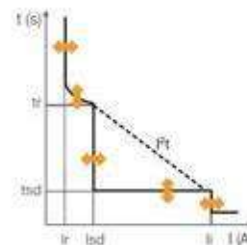
Rated Current	Frame	Cat. Ref. 3 Pole	Unit MRP (₹)	Cat. Ref. 4 Pole	Unit MRP (₹)
40A	P160	HMS040JR	23588	HMS041JR	32310
100A	P160	HMS100JR	23588	HMS101JR	33277
160A	P160	HMS160JR	29902	HMS161JR	38721
250A	P250	HMT250JR	40530	HMT251JR	55495
400A	P630	HMW400JR	60096	HMW401JR	77962
630A	P630	HMW630JR	62214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

## h3+ Range Overview Electronic Releases

LSI  
LSIG



Trip unit LSI



- + Easy Dial Settings in Absolute Value for Ir
- + Rated Current Settings with Fine Tuning From 35% of In
- + I2t On / Off Feature for precise coordination

L – Long Time / S – Short Time / I – Instantaneous / G – Ground Fault  
LSI – S with adjustable delay



HHT250LR

### h3+ MCCBs microprocessor LSIG release

#### Characteristics:

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

#### Breaking Capacity

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

#### Breaking Capacity

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

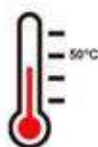
#### Breaking Capacity

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

## h3+ Key Benefits



Integrated PTA output contact  
Output contact dedicated to the overload prealarm.



✦ No derating up to 50°C



High contrast display  
Display on h3+ Energy breakers can be oriented in any direction to match the MCCB orientation.



Integrated OAC output contact  
Output contact assignable to a custom alarm with access behind the front cover. Available in Energy release



HHS040NR

### h3+ MCCBs microprocessor LSIG - energy release

#### Characteristics:

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

#### Breaking Capacity

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

#### Breaking Capacity

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

#### Breaking Capacity

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

### h3+ Energy Release with embedded display



#### Energy electronic trip unit with:

- + Embedded OLED display (Detachable)
- + Easy usability through single Joystick
- + Measurement features (I, V, P, E, PF, THD, F...)
- + Class 0.5 accuracy for V & I according to IEC 61557-12
- + Alarm management and event histories
- + Inbuilt Output contacts for alarms
- + Modbus communication for remote monitoring and control
- + Configuration via wifi for easy maintenance
- + Panel display for Local Visualization & control
- + ZSI for Intelligent Discrimination



h3+ traditional version

# Guaranteed protection

**The new range of moulded case circuit breakers provides solutions suitable for electrical installations in commercial buildings. It offers reliable protection against overloads and short circuits.**

The multiple setting options, created by coordinating the protection systems, offer the best possible combinations. This brings a threefold benefit: guaranteeing user and equipment safety under all conditions, ensuring continuity of service and availability of energy in normal operating situations, and, in case of transient faults, reducing the risks to the installation's components.

**All products in the new range can be easily integrated in the hager enclosure systems.**



- Most compact product on the market with measurement and communication.
- From 25 to 630 A
- Three frame sizes
- Can be mounted on the DIN rail in option up to 250 A
- TM, MAG, LSnl, LSI, LSIG and Energy trip units
- Breaking capacity of 25, 40, 50, 70 and 110 kA at 415 VAC
- 3P3D or 4P4D  
(neutral adjustable to 0, 50 or 100 %)
- Wide range of auxiliaries and accessories
- Horizontal or vertical installation

## 01

### Secure screw

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



## 02

### Hinged front cover

The front cover offers multiple advantages. It is mounted on hinges. It remains integral with the case once opened, preventing incorrect refitting.



## 03

### Auxiliary window

The type of auxiliaries can be seen directly through the windows on the front panel, without removing the cover.



## 04

### Integrated padlock

The handle can be directly locked with no need for extra accessories.



All the technical specifications are available in the technical repository and the network calculation software, [hagercad.net](http://hagercad.net).



HXA011H

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



HXA004H

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



HXW030H

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



HDA125Z

### MCCBs thermal magnetic release

#### Characteristics:

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

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

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



HHA125Z

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

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

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



HDA161U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 3 pole	1	▶ HDA040U	7816
63A, 3 pole	1	▶ HDA063U	7816
80A, 3 pole	1	HDA080U	7816
100A, 3 pole	1	▶ HDA100U	7816
125A, 3 pole	1	▶ HDA125U	9297
160A, 3 pole	1	▶ HDA160U	10770

40A, 4 pole	1	▶ HDA041U	10231
63A, 4 pole	1	▶ HDA064U	10231
80A, 4 pole	1	▶ HDA081U	10231
100A, 4 pole	1	▶ HDA101U	10231
125A, 4 pole	1	▶ HDA126U	10848
160A, 4 pole	1	▶ HDA161U	12071



HHA161U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 3 pole	1	HHA040U	9820
63A, 3 pole	1	▶ HHA063U	9820
80A, 3 pole	1	HHA080U	9820
100A, 3 pole	1	▶ HHA100U	9820
125A, 3 pole	1	▶ HHA125U	11969
160A, 3 pole	1	▶ HHA160U	14732

40A, 4 pole	1	HHA041U	13271
63A, 4 pole	1	HHA064U	13271
80A, 4 pole	1	HHA081U	13271
100A, 4 pole	1	▶ HHA101U	13271
125A, 4 pole	1	▶ HHA126U	15613
160A, 4 pole	1	▶ HHA161U	19096



HNA126U

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

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
40A, 3 pole	1	HNA040U	12147
63A, 3 pole	1	HNA063U	12147
80A, 3 pole	1	HNA080U	12147
100A, 3 pole	1	HNA100U	12147
125A, 3 pole	1	▶ HNA125U	14560
160A, 3 pole	1	▶ HNA160U	18214

40A, 4 pole	1	HNA041U	16136
63A, 4 pole	1	▶ HNA064U	16136
80A, 4 pole	1	▶ HNA081U	16136
100A, 4 pole	1	▶ HNA101U	16136
125A, 4 pole	1	▶ HNA126U	17501
160A, 4 pole	1	▶ HNA161U	20832



HNB100U

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

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

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

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

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

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



HCB251Z

### MCCBs trip free switches

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

### X250 frame MCCB

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



HXA021H

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



HXA030H

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



HXC021H

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



HBA161H

Description	Pack Qty.	Cat. Ref.	Unit MRP (₹)
<b>X160 Frame MCCB Add on block</b>			
"Idn=300mA fixed sensitivity instantaneous tripping", 125A, 3 Pole	1	HBA127H	22375
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 3 Pole	1	HBA125H	25942
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 3 Pole	1	HBA160H	27735
"Idn=300 mA fixed sensitivity instantaneous tripping", 125A, 4 Pole	1	HBA128H	23274
Adjustable sensitivity till 6A, Adjustable tripping 1s, 125A, 4 Pole	1	HBA126H	26848
Adjustable sensitivity till 6A, Adjustable tripping 1s, 160A, 4 Pole	1	HBA161H	28637
<b>X250 Frame MCCB Add on block</b>			
Adjustable sensitivity till 6A, Adjustable tripping 1s, 250A, 4 Pole	1	HBB251H	34896





### Power Contactor

#### Characteristics:

- 9A to 630 A Rated Current      - 690V insulation voltage      - Wide operating coil      - 3 pole

Model	AC3 Rating (A)	Coil voltage	Aux	Pack Qty.	Cat. Ref.	Unit MRP (₹)
HWC-09	9A	110V 50/60Hz	1NO+1NC	1	EX000911C	1050
	9A	230V 50/60Hz	1NO+1NC	1	EX000911D	1050
	9A	415V 50/60Hz	1NO+1NC	1	EX000911E	1050
HWC-12	12A	110V 50/60Hz	1NO+1NC	1	EX001211C	1170
	12A	230V 50/60Hz	1NO+1NC	1	EX001211D	1170
	12A	415V 50/60Hz	1NO+1NC	1	EX001211E	1170
HWC-16	16A	110V 50/60Hz	1NO+1NC	1	EX001611C	1338
	16A	230V 50/60Hz	1NO+1NC	1	EX001611D	1338
	16A	415V 50/60Hz	1NO+1NC	1	EX001611E	1338
HWC-18	18A	110V 50/60Hz	1NO+1NC	1	EX001811C	1338
	18A	230V 50/60Hz	1NO+1NC	1	EX001811D	1338
	18A	415V 50/60Hz	1NO+1NC	1	EX001811E	1338
HWC-22	22A	110V 50/60Hz	1NO+1NC	1	EX002211C	1912
	22A	230V 50/60Hz	1NO+1NC	1	EX002211D	1912
	22A	415V 50/60Hz	1NO+1NC	1	EX002211E	1912
HWC-25	25A	110V 50/60Hz	1NO+1NC	1	EX002511C	1912
	25A	230V 50/60Hz	1NO+1NC	1	EX002511D	1912
	25A	415V 50/60Hz	1NO+1NC	1	EX002511E	1912
HWC-32	32A	110V 50/60Hz	1NO+1NC	1	EX003211C	3825
	32A	230V 50/60Hz	1NO+1NC	1	EX003211D	3825
	32A	415V 50/60Hz	1NO+1NC	1	EX003211E	3825
HWC-40	40A	110V 50/60Hz	1NO+1NC	1	EX004011C	6024
	40A	230V 50/60Hz	1NO+1NC	1	EX004011D	6024
	40A	415V 50/60Hz	1NO+1NC	1	EX004011E	6024
HWC-50	50A	110V 50/60Hz	1NO+1NC	1	EX005011C	7477
	50A	230V 50/60Hz	1NO+1NC	1	EX005011D	7477
	50A	415V 50/60Hz	1NO+1NC	1	EX005011E	7477
HWC-65	65A	110V 50/60Hz	1NO+1NC	1	EX006511C	10131
	65A	230V 50/60Hz	1NO+1NC	1	EX006511D	10131
	65A	415V 50/60Hz	1NO+1NC	1	EX006511E	10131
HWC-75	75A	110V 50/60Hz	1NO+1NC	1	EX007511C	13146
	75A	230V 50/60Hz	1NO+1NC	1	EX007511D	13146
	75A	415V 50/60Hz	1NO+1NC	1	EX007511E	13146
HWC-85	85A	110V 50/60Hz	1NO+1NC	1	EX008511C	13146
	85A	230V 50/60Hz	1NO+1NC	1	EX008511D	13146
	85A	415V 50/60Hz	1NO+1NC	1	EX008511E	13146
HWC-100	100A	110V 50/60Hz	1NO+1NC	1	EX010011C	16407
	100A	230V 50/60Hz	1NO+1NC	1	EX010011D	16407
	100A	415V 50/60Hz	1NO+1NC	1	EX010011E	16407
HWC-160	160A	110V 50/60Hz	2NO+2NC	1	EX016022C	25331
	160A	230V 50/60Hz	2NO+2NC	1	EX016022D	25331
	160A	415V 50/60Hz	2NO+2NC	1	EX016022E	25331
HWC-185	185A	110V 50/60Hz	2NO+2NC	1	EX018522C	27018
	185A	230V 50/60Hz	2NO+2NC	1	EX018522D	27018
	185A	415V 50/60Hz	2NO+2NC	1	EX018522E	27018
HWC-225	225A	110V 50/60Hz	2NO+2NC	1	EX022522C	29338
	225A	230V 50/60Hz	2NO+2NC	1	EX022522D	29338
	225A	415V 50/60Hz	2NO+2NC	1	EX022522E	29338
HWC-265	265A	110V AC/DC	2NO+2NC	1	EX026522C	37625
	265A	230V AC/DC	2NO+2NC	1	EX026522G	37625
	265A	415V AC/DC	2NO+2NC	1	EX026522H	37625
HWC-330	330A	110V AC/DC	2NO+2NC	1	EX033022F	49078
	330A	230V AC/DC	2NO+2NC	1	EX033022G	49078
	330A	415V AC/DC	2NO+2NC	1	EX033022H	49078
HWC-400	400A	110V AC/DC	2NO+2NC	1	EX040022F	62392
	400A	230V AC/DC	2NO+2NC	1	EX040022G	62392
	400A	415V AC/DC	2NO+2NC	1	EX040022H	62392
HWC-630	630A	110V AC/DC	2NO+2NC	1	EX063022F	87879
	630A	230V AC/DC	2NO+2NC	1	EX063022G	87879
	630A	415V AC/DC	2NO+2NC	1	EX063022H	87879





### OLR (OverLoad Relay)

#### Characteristics:

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



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

### Accessories for Power Contactor

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



#### MPCB (Motor Protection Circuit Breaker)

##### Characteristics:

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

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

#### Accessories for MPCB

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



HI451I



HZC101I



HZC204I



VYE63M

### Manual changeover switches

#### Characteristics:

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

### Changeover switches

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

\* includes bridging bars & external handle

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

# - Prices available upon request

### MCOS enclosures

#### Characteristics:

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

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



HIB412I

### Automatic transfer switches

#### Characteristics:

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

#### Motorized changeover switches (In)

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

\* 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>	26459

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

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

#### Terminal covers

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

**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	▶ EKS301B	2556
Mains 30A, Genset 2.5A	1	▶ EKS302B	2556
Mains 30A, Genset 3A	1	▶ EKS303B	2556
Mains 30A, Genset 4A	1	EKS304B	2556
Mains 30A, Genset 5A	1	▶ EKS305B	2556
Mains 30A, Genset 6A	1	▶ EKS306B	2556
Mains 30A, Genset 9A	1	▶ EKS309B	2556
Mains 30A, Genset 12A	1	EKS312B	2556
Mains 30A, Genset 15A	1	EKS315B	2556
Mains 30A, Genset 20A	1	▶ EKS320B	2556
Mains 30A, Genset 30A (without current limiting)	1	▶ EKS330B	2556



EKT406SG

### TPN - Automatic Changeover and Current Limiter

#### Characteristics:

- IEC 60947 - 6
- TPN / TPN & TPN / SPN
- Voltage: 150VAC to 300VAC

- 10000 Operations
- Genset Start / Stop as standard

#### TPN / SPN

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

#### TPN / TPN

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

#### TPN / TPN

##### (without current limiting)

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

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



NCN106N



NCN206N



NCN306N



NCN406N

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

#### Characteristics:

- Conforms to IS/IEC 60898 - 1:2002, IEC 60898 - 1995
- Curve B & C
- 2P Suitable for 1P+N application; 4P Suitable for TP+N application
- 10 kA as per IEC 60898
- 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	-	-	NCN100N	611
1A, 1 module	12	-	-	NCN101N	611
2A, 1 module	12	-	-	NCN102N	611
3A, 1 module	12	-	-	NCN103N	611
4A, 1 module	12	-	-	NCN104N	611
6A, 1 module	12	NBN106N	394	NCN106N	377
10A, 1 module	12	NBN110N	394	NCN110N	377
16A, 1 module	12	NBN116N	394	NCN116N	377
20A, 1 module	12	NBN120N	394	NCN120N	377
25A, 1 module	12	NBN125N	394	NCN125N	377
32A, 1 module	12	NBN132N	394	NCN132N	377
40A, 1 module	12	NBN140N	853	NCN140N	867
50A, 1 module	12	NBN150N	853	NCN150N	867
63A, 1 module	12	NBN163N	853	NCN163N	867
<b>Double Pole (Suitable for 1P+N application)</b>					
0.5A, 2 module	6	-	-	NCN200N	1708
1A, 2 module	6	-	-	NCN201N	1708
2A, 2 module	6	-	-	NCN202N	1708
3A, 2 module	6	-	-	NCN203N	1708
4A, 2 module	6	-	-	NCN204N	1708
6A, 2 module	6	NBN206N	1191	NCN206N	1261
10A, 2 module	6	NBN210N	1191	NCN210N	1261
16A, 2 module	6	NBN216N	1191	NCN216N	1261
20A, 2 module	6	NBN220N	1191	NCN220N	1261
25A, 2 module	6	NBN225N	1191	NCN225N	1261
32A, 2 module	6	NBN232N	1191	NCN232N	1261
40A, 2 module	6	NBN240N	1911	NCN240N	1993
50A, 2 module	6	NBN250N	1911	NCN250N	1993
63A, 2 module	6	NBN263N	1911	NCN263N	1993
<b>Triple Pole</b>					
0.5A, 3 modules	4	-	-	NCN300N	2520
1A, 3 modules	4	-	-	NCN301N	2520
2A, 3 modules	4	-	-	NCN302N	2520
3A, 3 modules	4	-	-	NCN303N	2520
4A, 3 modules	4	-	-	NCN304N	2520
6A, 3 modules	4	NBN306N	2026	NCN306N	2022
10A, 3 modules	4	NBN310N	2026	NCN310N	2022
16A, 3 modules	4	NBN316N	2026	NCN316N	2022
20A, 3 modules	4	NBN320N	2026	NCN320N	2022
25A, 3 modules	4	NBN325N	2026	NCN325N	2022
32A, 3 modules	4	NBN332N	2026	NCN332N	2022
40A, 3 modules	4	NBN340N	3060	NCN340N	3068
50A, 3 modules	4	NBN350N	3060	NCN350N	3068
63A, 3 modules	4	NBN363N	3060	NCN363N	3068
<b>Four Pole (Suitable for 3P+N application)</b>					
0.5A, 4 modules	3	-	-	NCN400N	3138
1A, 4 modules	3	-	-	NCN401N	3138
2A, 4 modules	3	-	-	NCN402N	3138
3A, 4 modules	3	-	-	NCN403N	3138
4A, 4 modules	3	-	-	NCN404N	3138
6A, 4 modules	3	NBN406N	2604	NCN406N	2741
10A, 4 modules	3	NBN410N	2604	NCN410N	2741
16A, 4 modules	3	NBN416N	2604	NCN416N	2741
20A, 4 modules	3	NBN420N	2604	NCN420N	2741
25A, 4 modules	3	NBN425N	2604	NCN425N	2741
32A, 4 modules	3	NBN432N	2604	NCN432N	2741
40A, 4 modules	3	NBN440N	3756	NCN440N	3907
50A, 4 modules	3	NBN450N	3756	NCN450N	3907
63A, 4 modules	3	NBN463N	3756	NCN463N	3907





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	NDN100N	616
1A, 1 module	12	NDN101N	616
2A, 1 module	12	NDN102N	616
3A, 1 module	12	NDN103N	616
4A, 1 module	12	NDN104N	616
6A, 1 module	12	▶ NDN106N	535
10A, 1 module	12	▶ NDN110N	535
16A, 1 module	12	▶ NDN116N	535
20A, 1 module	12	▶ NDN120N	535
25A, 1 module	12	▶ NDN125N	535
32A, 1 module	12	▶ NDN132N	535
40A, 1 module	12	NDN140N	953
50A, 1 module	12	NDN150N	953
63A, 1 module	12	NDN163N	953
<b>Double Pole (Suitable for 1P+N application)</b>			
0.5A, 2 modules	6	NDN200N	1737
1A, 2 modules	6	NDN201N	1737
2A, 2 modules	6	NDN202N	1737
3A, 2 modules	6	NDN203N	1737
4A, 2 modules	6	NDN204N	1737
6A, 2 modules	6	▶ NDN206N	1291
10A, 2 modules	6	NDN210N	1291
16A, 2 modules	6	▶ NDN216N	1291
20A, 2 modules	6	▶ NDN220N	1291
25A, 2 modules	6	▶ NDN225N	1291
32A, 2 modules	6	▶ NDN232N	1291
40A, 2 modules	6	▶ NDN240N	2122
50A, 2 modules	6	NDN250N	2122
63A, 2 modules	6	▶ NDN263N	2122
<b>Triple Pole</b>			
0.5A, 3 modules	4	NDN300N	2596
1A, 3 modules	4	NDN301N	2596
2A, 3 modules	4	NDN302N	2596
3A, 3 modules	4	NDN303N	2596
4A, 3 modules	4	NDN304N	2596
6A, 3 modules	4	NDN306N	2091
10A, 3 modules	4	NDN310N	2091
16A, 3 modules	4	NDN316N	2091
20A, 3 modules	4	NDN320N	2091
25A, 3 modules	4	NDN325N	2091
32A, 3 modules	4	▶ NDN332N	2091
40A, 3 modules	4	▶ NDN340N	3202
50A, 3 modules	4	NDN350N	3202
63A, 3 modules	4	▶ NDN363N	3202
<b>Four Pole (Suitable for 3P+N application)</b>			
0.5A, 4 modules	3	NDN400N	3197
1A, 4 modules	3	NDN401N	3197
2A, 4 modules	3	NDN402N	3197
3A, 4 modules	3	NDN403N	3197
4A, 4 modules	3	NDN404N	3197
6A, 4 modules	3	NDN406N	2780
10A, 4 modules	3	NDN410N	2780
16A, 4 modules	3	NDN416N	2780
20A, 4 modules	3	NDN420N	2780
25A, 4 modules	3	NDN425N	2780
32A, 4 modules	3	▶ NDN432N	2780
40A, 4 modules	3	▶ NDN440N	4142
50A, 4 modules	3	NDN450N	4142
63A, 4 modules	3	▶ NDN463N	4142



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	▶ HLF180S	3512
100A, 1.5 modules	1	▶ HLF190S	3905
125A, 1.5 modules	1	▶ HLF199S	4256
<b>Double Pole</b>			
80A, 3 modules	1	HLF280S	7775
100A, 3 modules	1	▶ HLF290S	8209
125A, 3 modules	1	HLF299S	8946
<b>Triple Pole</b>			
80A, 4.5 modules	1	▶ HLF380S	12230
100A, 4.5 modules	1	▶ HLF390S	12905
125A, 4.5 modules	1	HLF399S	14177
<b>Four Pole</b>			
80A, 6 modules	1	▶ HLF480S	15909
100A, 6 modules	1	▶ HLF490S	16376
125A, 6 modules	1	▶ HLF499S	18432

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

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

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

# Protection devices

## Residual current circuit breakers (RCCBs)



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>	9908
25A, 2 modules	1	10 mA	<b>CC225Y</b>	11363
	1	30 mA	▶ <b>CD225Y</b>	4200
	1	100 mA	▶ <b>CE225Y</b>	4708
	1	300 mA	▶ <b>CF225Y</b>	4727
40A, 2 modules	1	30 mA	▶ <b>CD240Y</b>	4919
	1	100 mA	▶ <b>CE240Y</b>	5309
	1	300 mA	▶ <b>CF240Y</b>	5474
63A, 2 modules	1	30 mA	▶ <b>CD263Y</b>	5939
	1	100 mA	<b>CE263Y</b>	6419
	1	300 mA	<b>CF263Y</b>	6466
100A, 2 modules	1	30 mA	<b>CDC284Y</b>	16155
	1	300 mA	<b>CEC284Y</b>	16155



CD440Y

### Four Pole

25A, 4 modules	1	30 mA	▶ <b>CD425Y</b>	5937
	1	100 mA	▶ <b>CE425Y</b>	6178
	1	300 mA	▶ <b>CF425Y</b>	6300
40A, 4 modules	1	30 mA	▶ <b>CD440Y</b>	5807
	1	100 mA	▶ <b>CE440Y</b>	6220
	1	300 mA	▶ <b>CF440Y</b>	6421
63A, 4 modules	1	30 mA	▶ <b>CD463Y</b>	6577
	1	100 mA	▶ <b>CE463Y</b>	7412
	1	300 mA	▶ <b>CF463Y</b>	7412
100A, 4 modules	1	30 mA	▶ <b>CDC484Y</b>	16304
	1	100 mA	<b>CEC484Y</b>	16304
	1	300 mA	<b>CFC484Y</b>	16562



CH240J

### RCCBs - type Hi (high immunity)

#### Characteristics:

- Conforms to IEC 61008 & EMC standard EN 61543
- For electrical networks with high harmonics / pulsated DC currents and transients

- With earth fault indicator & positive contact indication

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



CH440J

### Four Pole

25A, 4 modules	1	30 mA	<b>CH425J</b>	10131
	1	300 mA	<b>CQ425J</b>	9628
40A, 4 modules	1	30 mA	▶ <b>CH440J</b>	10459
	1	300 mA	<b>CQ440J</b>	10032
63A, 4 modules	1	30 mA	<b>CH463J</b>	10640
	1	300 mA	<b>CQ463J</b>	10346



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	▶ AD956Y	6308
	1	100mA	AE956Y	6437
	1	300 mA	AF956Y	6677
10A, 2 modules	1	30 mA	▶ AD960Y	6308
	1	100mA	AE960Y	6437
	1	300 mA	AF960Y	6677
16A, 2 modules	1	30 mA	▶ AD966Y	6308
	1	100 mA	AE966Y	6437
	1	300 mA	AF966Y	6677
20A, 2 modules	1	30 mA	▶ AD970Y	6308
	1	100 mA	AE970Y	6437
	1	300 mA	AF970Y	6677
25A, 2 modules	1	30 mA	▶ AD975Y	6308
	1	100mA	▶ AE975Y	6437
	1	300 mA	AF975Y	6677
32A, 2 modules	1	30 mA	▶ AD982Y	6634
	1	100mA	▶ AE982Y	6620
	1	300 mA	AF982Y	7026
40A, 2 modules	1	30 mA	▶ AD990Y	7867
	1	100mA	▶ AE990Y	8048
	1	300 mA	AF990Y	7915



ADH975

### RCBOs - type Hi (high immunity)

#### Characteristics:

- Conforms to IEC 61009
- Breaking capacity 6kA

- For electrical networks with high harmonics / pulsated
- DC components with earth fault indicator

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



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	▶ ADC206Y	5145
	1	100 mA	AEC206Y	6402
10A, 4 modules	1	30 mA	▶ ADC210Y	5331
	1	100 mA	AEC210Y	6402
16A, 4 modules	1	30 mA	▶ ADC216Y	4931
	1	100 mA	▶ AEC216Y	6154
	1	300 mA	AFC216Y	6367
25A, 4 modules	1	30 mA	▶ ADC225Y	5076
	1	100 mA	▶ AEC225Y	6459
	1	300 mA	AFC225Y	6806
32A, 4 modules	1	30 mA	▶ ADC232Y	5387
	1	100 mA	▶ AEC232Y	6305
	1	300 mA	AFC232Y	6583
40A, 4 modules	1	30 mA	▶ ADC240Y	6410
	1	100 mA	▶ AEC240Y	7095
	1	300 mA	▶ AFC240Y	7294
63A, 4 modules	1	30 mA	▶ ADC263Y	8203
	1	100 mA	AEC263Y	8771
	1	300 mA	AFC263Y	8921



ADC425Y

<b>Four Pole</b>				
16A, 6 modules	1	30 mA	▶ ADC416Y	6940
	1	100 mA	▶ AEC416Y	7821
	1	300 mA	AFC416Y	8069
25A, 6 modules	1	30 mA	▶ ADC425Y	7420
	1	100 mA	▶ AEC425Y	8013
	1	300 mA	▶ AFC425Y	8321
32A, 7 modules	1	30 mA	▶ ADC432Y	7158
	1	100 mA	▶ AEC432Y	7810
	1	300 mA	▶ AFC432Y	8049
40A, 7 modules	1	30 mA	▶ ADC440Y	7265
	1	100 mA	▶ AEC440Y	7911
	1	300 mA	▶ AFC440Y	7939
63A, 7 modules	1	30 mA	▶ ADC463Y	8942
	1	100 mA	AEC463Y	9421
	1	300 mA	AFC463Y	9585



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>	21205
125A, adjustable sensitivity – 300/500mA/1A, 6 modules Trip time – Inst, 60 msec, 150 msec	1	<b>BTC380E</b>	22789
<b>4P Type AC</b>			
125A, 30mA, instantaneous trip, 6 modules	1	<b>BDC480E</b>	23656
125A, 300mA, instantaneous trip, 6 modules	1	<b>BFC480E</b>	22734
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	<b>BTC480E</b>	26464
<b>3P Type Hi</b>			
125A, 30mA, instantaneous trip, 6 modules	1	<b>BDH380E</b>	25211
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	<b>BTH380E</b>	30724
<b>4P Type Hi</b>			
125A, 30mA, instantaneous trip, 6 modules	1	<b>BDH480E</b>	28707
125A, 300mA, instantaneous trip, 6 modules	1	<b>BFH480E</b>	31591
125A, adjustable sensitivity – 300/500mA/1A, 6 modules, Trip time – Inst, 60 msec, 150 msec	1	<b>BTH480E</b>	34015





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>	415
	6	Double Pole	<b>LSN502</b>	694
<b>L51 fuse carriers</b> 690V - 32A	1	Single Pole	<b>LS601</b>	1532
	1	Double Pole	<b>LS602</b>	3169



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>	82
10 x 38 mm	10		2A	▶ <b>LF302G</b>	82
breaking capacity: 120kA	10		4A	▶ <b>LF304G</b>	82
	10		6A	▶ <b>LF306G</b>	82
	10		10A	▶ <b>LF310G</b>	82
	10		12A	▶ <b>LF312G</b>	82
	10		16A	▶ <b>LF316G</b>	82
	10		20A	▶ <b>LF320G</b>	82
	10		25A	<b>LF325G</b>	90
	10	400 V AC	32A	<b>LF332G</b>	97
<b>Cartridge fuses</b>					
type gG	10	690 V AC	6A	<b>LF406G</b>	166
14 x 51 mm					
breaking capacity:	10	500 V AC	32A	<b>LF432G</b>	166
2 to 25A : 80kA	10		40A	<b>LF440G</b>	166
32 to 50A : 120kA	10	400 V AC	50A	<b>LF450G</b>	207



SPL465R

Surge protection devices

Characteristics:

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

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



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	3065
40A, 2 modules	1	▶ SFT240N	4669
63A, 4 modules		▶ SF263	4954
<b>Four Pole</b>			
40A, 4 modules	1	▶ SFT440N	7521
63A, 8 modules	1	▶ SF463	8265



SBN225N

**Isolating switches****Characteristics:**

- Conforms to IEC 60947-III

- AC22A devices used as switch disconnectors in electrical circuit

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



SBN440N

# Time to switch.

The Time Switches Range  
from Hager

**:hager**

Indersons, ND 27, PH: 0114724 3000, [sales@indersonsindia.com](mailto:sales@indersonsindia.com)



# 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>	1058
Red, 1 module	12	<b>SVN122</b>	1058
Orange, 1 module	12	<b>SVN123</b>	1058
Blue, 1 module	12	<b>SVN124</b>	1058
Red+Green indicator, 1 module	12	<b>SVN126</b>	1365
Red+Green+Orange indicator, 1 module	12	<b>SVN129</b>	1502
Red+Orange+Blue (RYB) indicator, 1 module	12	<b>SVN222</b>	1977



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>	1435
2NO, 1 module	1	<b>SVN332</b>	1474
1NO + 1NC, 1 module	1	<b>SVN352</b>	1474

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



ESC463

### Contactors

#### Characteristics:

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

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



EH771

### Electromechanical time switches

#### Characteristics:

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

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

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



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>	* price on request



EE180

### Astronomical time switches

#### Characteristics:

- Contact Rating: 16A AC1
- USB key for program download and upload Daily, Weekly Program

- Astronomical time switches are used to control various loads according to sunrise and sunset time
- Example street light, neon sign etc.

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

\*Timer reference available till stock lasts



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>	19845
Outdoor IP54 twilight switch 2 to 1000 lux	1	<b>EE702</b>	8342
Spare IP54 surface cell for EE100 & 110	1	<b>EE003</b>	7780



EE805A

### Movement and presence detectors

#### Characteristics:

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

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

## Detection Solutions



**Coming Soon**



EE820

### Movement detectors-wall mounted

#### Characteristics:

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

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



EE806

### Accessories for movement & presence detectors

#### Characteristics:

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

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



EVN004

### Dimmers & dimming system

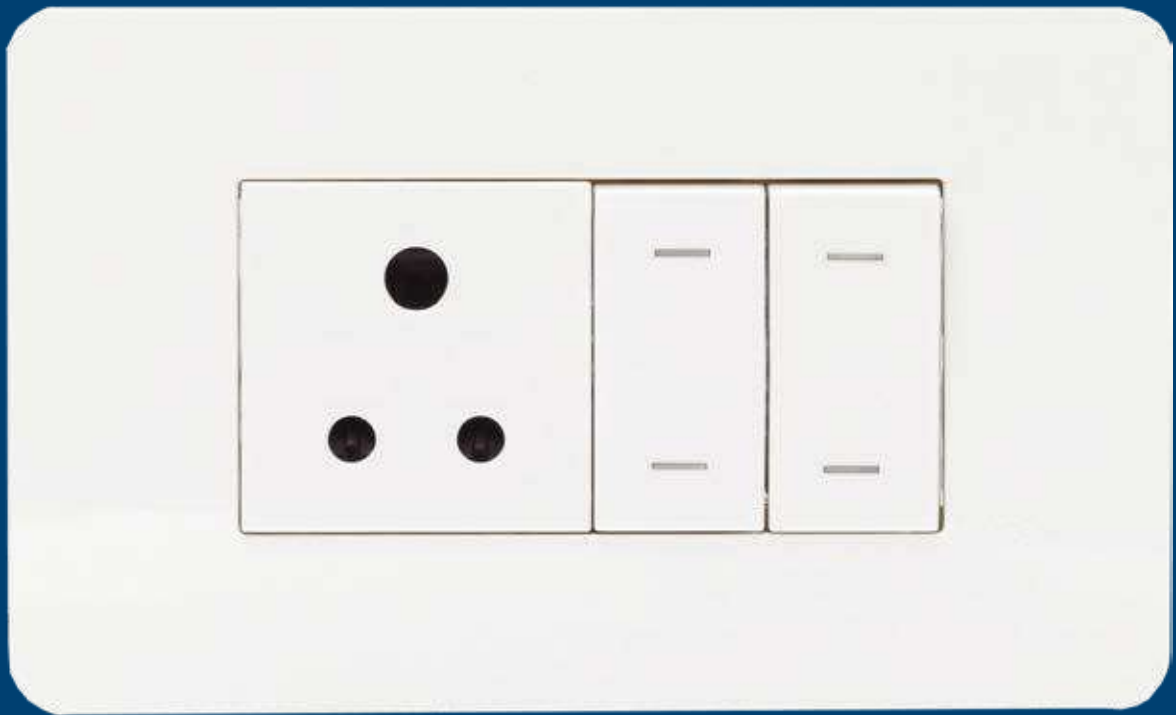
#### Characteristics:

- 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>	
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>	
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>	* price on request
1/10 V Pilot dimmers with scene input to control several EV102 with adjustable preset levels & time delays	1	<b>EV108</b>	

# 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. Ref.	Unit MRP (₹)
1 way glossy white	1	<b>WSNSW11</b>	169
1 way glossy white with LED	1	<b>WSNSL11</b>	268
1 way anthracite	1	<b>WSNSW11A</b>	206
1 way anthracite with LED	1	<b>WSNSL11A</b>	320
2 way glossy white	1	<b>WSNSW21</b>	241
2 way anthracite	1	<b>WSNSW21A</b>	286



WSNSW31

**insysta™ 10AX switches**

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



WSNSW61

**insysta™ 16AX switches**

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



WSNSL71

**insysta™ 20AX switches**

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



WSNSW81

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

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



WSNMS12

**insysta™ 25A motor starter switches**

Description	Module size	Cat. Ref.	Unit MRP (₹)
glossy white	3	<b>WSNMS12</b>	782
anthracite	3	<b>WSNMS12A</b>	938





WSNBP11

## insysta™ Push button

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



WSNSK42

## insysta™ Sockets

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



WSNFC22

## insysta™ Regulators &amp; dimmers

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



WSNDS11

## insysta™ Data sockets

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



WSNDT11



WSNDT31

## insysta™ VDI module &amp; accessories

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



WSNDS51

**insysta™ USB sockets**

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

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



WSNHS22

**insysta™ Hospitality range**

Description	Module size	Cat. Ref.	Unit MRP (₹)
<b>DND / MMR</b>			
glossy white external DND/MMR with door bell switch & light indicator for DND/MMR	2	<b>WSNHS12</b>	1807
glossy white internal DND/MMR control & light indicator for DND/MMR	2	<b>WSNHS22</b>	1325
anthracite external DND/MMR with door bell switch & light indicator DND/MMR	2	<b>WSNHS12A</b>	2169
anthracite internal DND/MMR control & light indicator for DND/MMR	2	<b>WSNHS22A</b>	1589



WSNHS12

**Hotel card unit**

glossy white hotel key card	2	<b>WSNHS33</b>	4554
anthracite hotel key card	2	<b>WSNHS33A</b>	5534

**Shaver socket**

glossy white shaver socket	4	<b>WSNHS44</b>	5421
anthracite shaver socket	4	<b>WSNHS44A</b>	6506

**Skirting light**

glossy white skirting light with white LED	2	<b>WSNHS52</b>	940
anthracite skirting light with white LED	2	<b>WSNHS52A</b>	1158



WSNHS62

**Buzzer**

glossy white buzzer	2	<b>WSNHS62</b>	1204
anthracite buzzer	2	<b>WSNHS62A</b>	1445

**Volume controller**

glossy white volume controller	2	<b>WSNHS72</b>	1557
anthracite volume controller	2	<b>WSNHS72A</b>	1732



WSNCG1

**insysta™ Cover plates - Plastic**

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



WSNCG1GW

**insysta™ Cover plates - Real material**

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



WSNG3

## insysta™ Grid plates - Real material

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



WSNMB3

## insysta™ Wall boxes

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