

ENTERPRISE SOLUTIONS

LV SWITCHGEAR & POWER QUALITY



CONTENTS

Powergear

Titania Air Circuit Breaker	10
QTRON Moulded Case Circuit Breaker	18
ATRON Moulded Case Circuit Breaker	22
Loadline Moulded Case Circuit Breaker	24
High Voltage AC & DC - Circuit Breakers	32
PowerSafe Load Bank MCCB Panel Boards	34
Busbar Chamber	36
InstaShift Manual Changeover Switch	37
InstaShift Motorised Changeover Switch	37
Instaprime / Instaline Automatic Transfer Switch	38
Euroload Changeover Switch	39
Euroload By-Pass Changeover Switch	39
Euroload Switch Disconnecter	40
Kompact Switch Disconnecter Fuse	41
Hibreak Fuse Base	44
HBC Fuse Link	45

Controlgear

3 Pole Power Contactors	52
4 Pole, 2 Pole Power Contactors & Control Relay	53
3 Pole HGS R Contactors	54
Accessories - HGS Series Contactors	56
Thermal Overload Relay - HGST	57
Capacitor Duty Contactors	58
Electronic Motor Protection Relay	59
MPCB & Accessories - HGSM	62
MPCB & Accessories - HGSTMR / HGSMR	63
Industrial Motor Starter, Submersible Motor Starter & Spares - HGS	67
Agricultural Motor Starter - Urjalite DOL Starter, Urja DOL Starter	72
Urja DOL Submersible & ASD Submersible Starter	73
Urja Kavach - Single Phase Submersible Controller (STD & DLX)	74
Urja Contactor 4 P & 2 P, Thermal Overload Relay 3 P & 2 P	75
Spares & Accessories - Urja	76
Street Light Panel	79

Power Quality Solutions

Single Phase Capacitors	83
Cylindrical Capacitors (MPP Type)	83
Box Capacitors (MPP Type)	85
HD Harmonic Detuned Reactors	89
IPFC Relay	90
Thyristor Switch	90
Capacitor Duty Contactor	91
APFC Panel	94
Active Harmonic Filter	95
Agri Boost Capacitors	98

ABOUT US

Redefining the modern homes with innovation and excellence

Havells is at the forefront of transforming modern living spaces by offering innovative solutions that elevate everyday experiences. With a deep understanding of consumer needs, the company has expanded its footprint across every aspect of home life, creating environment that are not only functional but also comfortable, stylish, and future-ready. To make these solutions accessible, Havells leverages an extensive distribution network encompassing 18,000 dealers, over 1,000 exclusive brand stores, intensifying presence in modern retail, e-commerce and quick commerce.

The company's portfolio includes power brands like Havells, Havells Crabtree, Lloyd, REO, Havells Studio, and Standard each designed to cater to the unique demands of today's consumers.

Anchored in the 'Make in India' initiative, Havells operates 16 cutting-edge manufacturing facilities across India, producing 90% of its products in-house. At the forefront of Havells product evolution lies its Customer Experience & Designs (CXD) Studio, where creativity and user-centric design converge. This is complemented by its Centre for Research & Innovation (CRI), supported by four advanced R&D centres, enabling Havells to consistently deliver products that are both functional and visually compelling.

Driven by a commitment to innovation, quality, and design, the company also upholds sustainable practices throughout its operations, including eco-friendly manufacturing processes and energy-efficient product design, contributing to a greener and more sustainable future.



CORPORATE OFFICE, NOIDA



State-of-the-Art Manufacturing Unit



Industry 4.0 Process



Center For Research & Innovation



Customer Experience & Design



16 Manufacturing Units

~18000 Strong Dealer Network

4 Research Centres

48 Offices

DRIVEN BY INNOVATION. POWERED BY INDIA.



Innovation



Technology



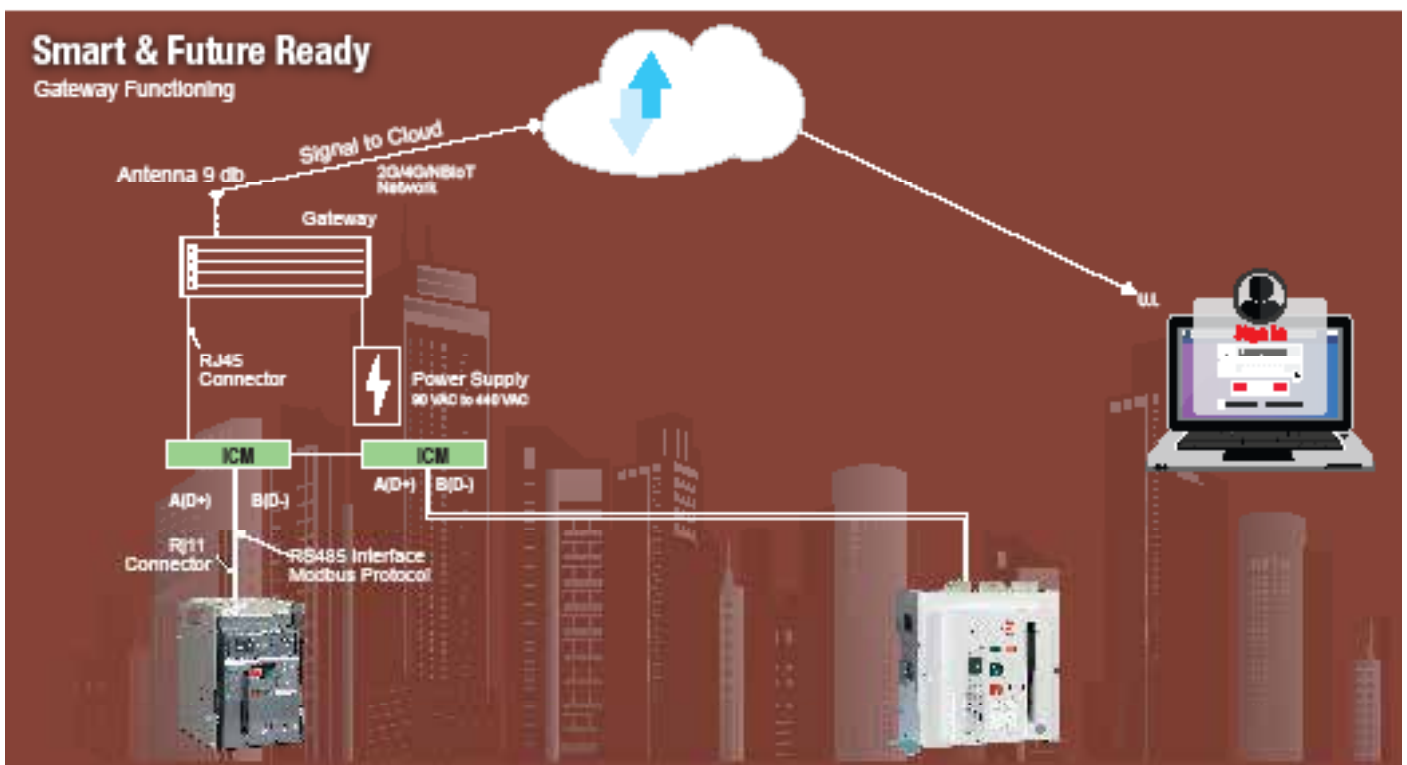
Digitalization





ACB Ordering Code Logic

1, 2, 3	4	5	6	7	8, 9	10		11, 12		13
Product	Pole	Breaking Capacity	Mounting Type	IPR	Rating	Closing Coil & Charging Motor		SHT & UVT		Current Transformer
						CC (Voltage)	CM (Voltage)	UVT (Voltage)	SHT (Voltage)	
IHA	T	E	Manual Fixed = 1	Bus Coupler = 0	400 A = 04	24 V	220 = A	415 V	24 V = 01	If rating same as ACB rating then = 0
	TP	50 kA	Manual Drawout = 2	IPR 1 = 1	630 A = 06	110 V	220 = B	415 V	110 V = 02	400 A = A
	F	S	Electrical Fixed = 4	IPR 3 = 3	800 A = 08	220 V	220 = C	415 V	220 V = 03	630 A = B
	FP	65 kA	Electrical Drawout = 5	IPR 5 = 5	1000 A = 10	415 V	220 = D	415 V	415 V = 04	800 A = C
		H		IPR E = E	1250 A = 12	24 V	110 = E	415 V	0 = 05	1000 A = D
		75 kA			1600 A = 16	110 V	110 = F	220 V	24 V = 06	1250 A = E
					2000 A = 20	220 V	110 = G	220 V	110 V = 07	1600 A = F
					2500 A = 25	415 V	110 = H	220 V	220 V = 08	2000 A = G
						Not req.	Not req. = 0	220 V	415 V = 09	2500 A = H
								220 V	0 = 10	3200 A = I
								110 V	24 V = 11	4000 A = J
								110 V	110 V = 12	5000 A = K
								110 V	220 V = 13	6300 A = L
								110 V	415 V = 14	
								110 V	0 = 15	
								24 V	24 V = 16	
								24 V	110 V = 17	
								24 V	220 V = 18	
								24 V	415 V = 19	
								24 V	0 = 20	
									24 V = 21	
									110 V = 22	
									220 V = 23	
									415 V = 24	





Titania

Air Circuit Breaker

400 A – 3200 A

Breaking Capacity @ 415 V	E Frame	S Frame	H Frame
	400 A - 2000 A	400 A - 2000 A	2500 A - 3200 A
lcs=100% lcu	50 kA	65 kA	65 kA
lcw for 1 s	50 kA	50 kA	65 kA



Titania+

Air Circuit Breaker

630 A – 6300 A

Breaking Capacity @ 415 V	A Frame	AA Frame	B Frame	C Frame	D Frame
	630 A - 1600 A	2000 A - 2500 A	3200 A - 4000 A	5000 A	6300 A
lcs=100% lcu	65 kA	85 kA	100 kA	100 kA	150 kA
lcw for 1 s	50 kA	70 kA	85 kA	85 kA	100 kA

Titania Air Circuit Breaker

(Conforms to IS/IEC:60947-2)



3 Pole ACB with Microprocessor Release IPR 1+

Current Rating	Rated Ultimate Short-circuit Breaking Capacity Ics = 100 % Icu at	MANUAL				ELECTRICAL*	
		Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Item Code	
(A)	415 V (kA)	Fixed		Drawout		Fixed	Drawout
630 A	50 kA	IHATE11060**#	158870.00	IHATE21060**#	206530.00	IHATE4106\$**#	IHATE5106\$**#
800 A	50 kA	IHATE11080**#	158870.00	IHATE21080**#	206530.00	IHATE4108\$**#	IHATE5108\$**#
1000 A	50 kA	IHATE11100**#	161955.00	IHATE21100**#	210545.00	IHATE4110\$**#	IHATE5110\$**#
1250 A	50 kA	IHATE11120**#	180890.00	IHATE21120**#	227785.00	IHATE4112\$**#	IHATE5112\$**#
1600 A	50 kA	IHATE11160**#	197275.00	IHATE21160**#	247880.00	IHATE4116\$**#	IHATE5116\$**#
2000 A	50 kA	IHATE11200**#	227785.00	IHATE21200**#	299125.00	IHATE4120\$**#	IHATE5120\$**#

3 Pole ACB with Microprocessor Release IPR 1+

Current Rating	Rated Ultimate Short-circuit Breaking Capacity Ics = 100 % Icu at	MANUAL				ELECTRICAL*	
		Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Item Code	
(A)	415 V (kA)	Fixed		Drawout		Fixed	Drawout
630 A	65 kA	IHATS11060**#	172935.00	IHATS21060**#	266260.00	IHATS4106\$**#	IHATS5106\$**#
800 A	65 kA	IHATS11080**#	172935.00	IHATS21080**#	266260.00	IHATS4108\$**#	IHATS5108\$**#
1000 A	65 kA	IHATS11100**#	180970.00	IHATS21100**#	287735.00	IHATS4110\$**#	IHATS5110\$**#
1250 A	65 kA	IHATS11120**#	223990.00	IHATS21120**#	324790.00	IHATS4112\$**#	IHATS5112\$**#
1600 A	65 kA	IHATS11160**#	237055.00	IHATS21160**#	353210.00	IHATS4116\$**#	IHATS5116\$**#
2000 A	65 kA	IHATS11200**#	254580.00	IHATS21200**#	375170.00	IHATS4120\$**#	IHATS5120\$**#
2500 A	65 kA	IHATN11250**#	295330.00	IHATN21250**#	440050.00	IHATN4125\$**#	IHATN5125\$**#
3200 A	65 kA	IHATN11320**#	369840.00	IHATN21320**#	480850.00	IHATN4132\$**#	IHATN5132\$**#

4 Pole ACB with Microprocessor Release IPR 1+

Current Rating	Rated Ultimate Short-circuit Breaking Capacity Ics = 100 % Icu at	MANUAL				ELECTRICAL*	
		Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Item Code	
(A)	415 V (kA)	Fixed		Drawout		Fixed	Drawout
630 A	50 kA	IHAPE11060**#	201135.00	IHAPE21060**#	255470.00	IHAPE4106\$**#	IHAPE5106\$**#
800 A	50 kA	IHAPE11080**#	201135.00	IHAPE21080**#	255470.00	IHAPE4108\$**#	IHAPE5108\$**#
1000 A	50 kA	IHAPE11100**#	210060.00	IHAPE21100**#	273075.00	IHAPE4110\$**#	IHAPE5110\$**#
1250 A	50 kA	IHAPE11120**#	222195.00	IHAPE21120**#	288850.00	IHAPE4112\$**#	IHAPE5112\$**#
1600 A	50 kA	IHAPE11160**#	246345.00	IHAPE21160**#	317300.00	IHAPE4116\$**#	IHAPE5116\$**#
2000 A	50 kA	IHAPE11200**#	291555.00	IHAPE21200**#	377850.00	IHAPE4120\$**#	IHAPE5120\$**#

* Please refer table A to Product price list
 To replace \$ Please refer table 1 at page-12
 To replace ** Please refer table 2 at page-12
 To replace # Please refer table 3 at page-12
 Door Flange (Escutcheon Frame) is supplied alongwith ACB

Titania Air Circuit Breaker

(Conforms to IS/IEC:60947-2)

4 Pole ACB with Microprocessor Release IPR 1+

Current Rating	Rated Ultimate Short-circuit Breaking Capacity Ics = 100 % Icu at	MANUAL				ELECTRICAL*	
		Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Item Code	
(A)	415 V (kA)	Fixed		Drawout		Fixed	Drawout
630 A	65 kA	IHAFS11060**#	217915.00	IHAFS21060**#	376155.00	IHAFS4106\$**#	IHAFS5106\$**#
800 A	65 kA	IHAFS11080**#	217915.00	IHAFS21080**#	376155.00	IHAFS4108\$**#	IHAFS5108\$**#
1000 A	65 kA	IHAFS11100**#	252240.00	IHAFS21100**#	385925.00	IHAFS4110\$**#	IHAFS5110\$**#
1250 A	65 kA	IHAFS11120**#	288945.00	IHAFS21120**#	442080.00	IHAFS4112\$**#	IHAFS5112\$**#
1600 A	65 kA	IHAFS11160**#	338260.00	IHAFS21160**#	517540.00	IHAFS4116\$**#	IHAFS5116\$**#
2000 A	65 kA	IHAFS11200**#	361775.00	IHAFS21200**#	528215.00	IHAFS4120\$**#	IHAFS5120\$**#
2500 A	65 kA	IHAFN11250**#	388570.00	IHAFN21250**#	540185.00	IHAFN4125\$**#	IHAFN5125\$**#
3200 A	65 kA	IHAFN11320**#	455640.00	IHAFN21320**#	592300.00	IHAFN4132\$**#	IHAFN5132\$**#

Table - A

List prices Charges for product different version wrt IPR1+ ACB List Price		Per Unit LP (₹)
Bus Coupler w/o Protection	Reduce	23270.00
Micro processor release IPRE+ (LI)	Reduce	10085.00
Micro processor release IPR3+ (LSIG+ LCD Display+Thermal Memory+ Zone selectivity+ Current & Voltage Mesurment+ Advance protection +Over Tempeture Protection)	Add	32685.00
Micro processor release IPR5+(LCD Display+Thermal Memory+ Zone selectivity+ Advance protection+ Advance Mesurment Over Tempeture Protection+ Maximum Demand + Communication)	Add	45500.00
To Convert Electrical version from Manual version (includes Motor, Shunt trip & Closing Coil)	Add	51595.00

3. Communication Software

HSN Code: 85389000

SAP Code	Description	Per Unit LP (₹)
SACX0346	Communication software for IRP-5+	POR



Undervoltage release

4. Under Voltage Trip Device (UVT)

HSN Code: 85389000

SAP Code	Description	Per Unit LP (₹)
ISACX0196	220 V AC	5590.00
ISACX0197	415 V AC	5590.00

1. Spring Charging Motor

HSN Code: 85389000

SAP Code	Description	Per Unit LP (₹)
ISACX0358	Charging Motor 110 V	43645.00
ISACX0147	Charging Motor 230 V	43645.00

2. Shunt Trip / Closing Coil

HSN Code: 85389000

SAP Code	Description	Per Unit LP (₹)
ISACX0170	24 VDC	3975.00
ISACX0168	110 V AC/DC	3975.00
ISACX0167	220 V AC/DC	3975.00
ISACX0212	415 V AC	3975.00



Shunt Trip Coil / Closing Coil

* Please refer table A to Product price list
 To replace \$ Please refer table 1 at page-12
 To replace ** Please refer table 2 at page-12
 To replace # Please refer table 3 at page-12
 Door Flange (Escutcheon Frame) is supplied alongwith ACB

Titania Air Circuit Breaker

(Conforms to IS/IEC:60947-2)

5. Main CT's

HSN Code: 85389000

SAP Code	Description	Per Unit LP (₹)
ICELFACL018	CT 400 A	3845.00
ICELFACL001	CT 630 A	3845.00
ICELFACL002	CT 800 A	3845.00
ICELFACL003	CT 1000A	4050.00
ICELFACL004	CT 1250 A	4050.00
ICELFACL005	CT 1600 A	4050.00
ICELFACL006	CT 2000 A	5435.00
ICELFACL007	CT 2500A	5435.00

7. Key Lock / Key Interlock

HSN Code: 85389000

SAP Code	Description	Per Unit LP (₹)
ISACX0301	On/Off Button cover	515.00
ISACX0353	Key lock (1 lock+1 key)	2085.00
-	Key interlock (2 locks+1 keys)	2915.00
-	Key interlock (3 locks+2 keys)	6145.00
ISACX0341	Drawout position Lock	2530.00

9. Other Accessories

HSN Code: 85389000

SAP Code	Description	Per Unit LP (₹)
ISACX0208	Door Interlock	3710.00
ISACX0028	Close open cycle counter	3650.00

Table 1

Closing Coil & Charging Motor		
CC (Voltage)	CM (Voltage)	\$
24 V	220 V	A
110 V	220 V	B
220 V	220 V	C
415 V	220 V	D
24 V	110 V	E
110 V	110 V	F
220 V	110 V	G
415 V	110 V	H

Table 2

UVT & SHT		
UVT (Voltage)	SHT (Voltage)	**
415 V	24 V	01 (Zero one)
415 V	110 V	02
415 V	220 V	03
415 V	415 V	04
415 V	0	05
220 V	24 V	06
220 V	110 V	07
220 V	220 V	08
220 V	415 V	09
220 V	0	10
110 V	24 V	11
110 V	110 V	12
110 V	220 V	13
110 V	415 V	14
110 V	0	15
24 V	24 V	16
24 V	110 V	17
24 V	220 V	18
24 V	415 V	19
24 V	0	20
0	24 V	21
0	110 V	22
0	220 V	23
0	415 V	24
0	0	00 (Zero Zero)

6. Neutral CTs

HSN Code: 85389000

SAP Code	Description	Per Unit LP (₹)
ICELFACL019	NCT 400 A	3845.00
ICELFACL012	NCT 630 A	3845.00
ICELFACL013	NCT 800 A	3845.00
ICELFACL014	NCT 1000A	4050.00
ICELFACL015	NCT 1250 A	4050.00
ICELFACL016	NCT 1600 A	4050.00
ICELFACL017	NCT 2000 A	5435.00
ICELFACL021	NCT 2500A	5435.00

8. Adaptor Type Terminals (additional price)

HSN Code: 85389000

SAP Code	Description	Per Unit LP (₹)
ISSACX0174	630/800 A	5490.00
ISSACX0164	1000/1250 A	6030.00
ISSACP0434	1600 A	8535.00

(6 nos. reqd. for 3 pole & 8 nos. for 4 pole ACB)

10. Other Accessories

HSN Code: 85389000

SAP Code	Description	Per Unit LP (₹)
ISACX0207	Spring charge indication switch	2420.00
ISACX0349	Trip indication Switch	1525.00
ISACX0139	Aux. switch (5 c/o additional)	3720.00
ISACX0182	Position indication switch	2660.00
ISACX0302	Field test unit	3570.00

Table 3

Current Transformer	#
CT Rating is same as of ACB	0 (Zero)
400 A	A
630 A	B
800 A	C
1000A	D
1250 A	E
1600 A	F
2000 A	G

*ACBs are supplied with following accessories as standard fitment:

Manual Fixed	Manual Drawout	Electrical Fixed	Electrical Drawout
Aux. Contact Unit 5CO	Aux. Contact Unit 5CO Safety Shutter Aux. Isolating contact unit Horizontal Terminals	Horizontal Terminals Shunt Trip Device Charging Motor Closing Coil	Aux. Contact Unit 5CO Safety Shutter Aux. Isolating contact unit Horizontal Terminals Shunt Trip Device Charging Motor Closing Coil

*Additional accessories except standard fitment are available on extra price.

*Neutral CT is supplied as a standard fitment in 4 Pole ACBs.

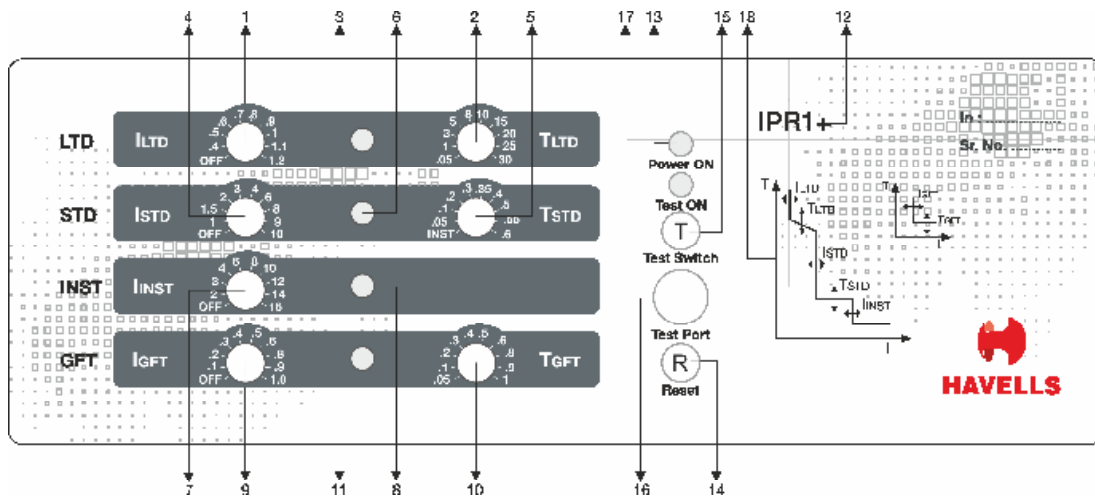
*Neutral CT prices are to be added for 3 Pole ACBs for ground fault protection.

*All orders should be accompanied with ACB order form included in catalogue.

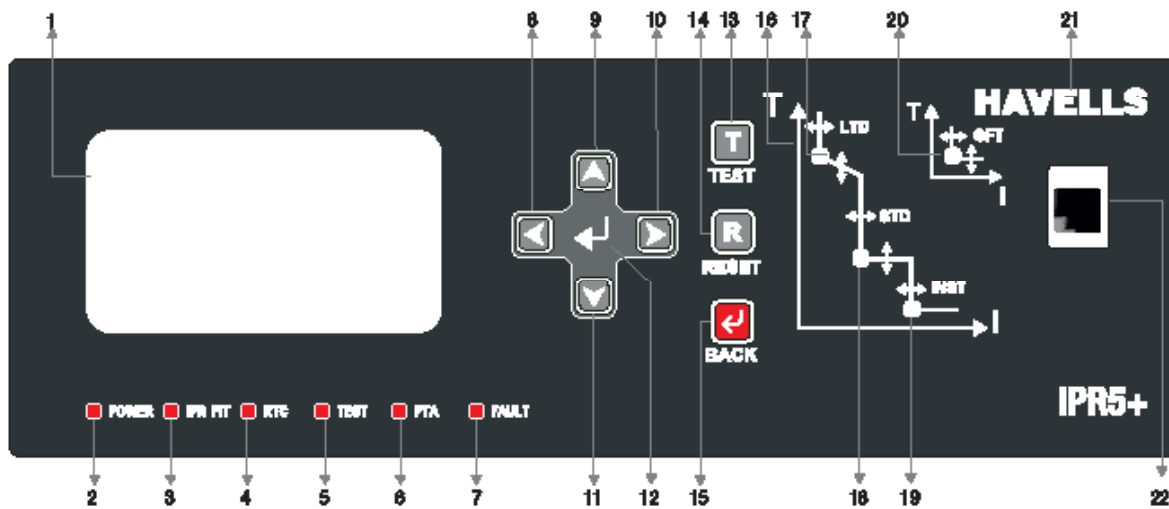
*1 This CT is required for GFT in 3 pole ACBs for 4 Pole ACBs main CTs is used as neutral CT.

* Please refer table A to Product price list
To replace \$ Please refer table 1 at page-12
To replace ** Please refer table 2 at page-12
To replace # Please refer table 3 at page-12
Door Flange (Escutcheon Frame) is supplied alongwith ACB

Intelligent Protection Releases



Ref.	Description	Ref.	Description
1	Rotary switch for setting LTD current	10	Rotary switch for setting GFT time
2	Rotary switch for setting LTD Time	11	LED indication for GFT fault
3	LED indication for LTD fault	12	Product identification code
4	Rotary switch for setting STD current	13	LED for "Power ON"
5	Rotary switch for setting STD time	14	Reset push button
6	LED indication for STD fault	15	Test push button
7	Rotary switch for setting INST current	16	Socket for test supply
8	LED indication for INST fault	17	LED for "Test ON"
9	Rotary switch for setting GFT current	18	Time current characteristics curve



Ref.	Description	Ref.	Description
1	LCD Screen	12	Enter / Save Push Button
2	LED for "Power ON"	13	Test Push Button
3	LED for "IPR Fit"	14	Reset Push Button
4	#LED for "RTC (Ready to Close)"	15	Back Push Button
5	LED for "Test ON"	16	Time Current Characteristic Curve
6	LED for "PTA (Pre-Trip Alarm)"	17	LED Indication for LTD Fault
7	LED for "Faults"	18	LED Indication for STD Fault
8	Scroll "Left" Push Button	19	LED Indication for INST Fault
9	Scroll "Up" Push Button	20	LED Indication for GFT Fault
10	Scroll "Right" Push Button	21	Product Identification Code
11	Scroll "Down" Push Button	22	MODBUS RS-485 Communication Port

Titania Air Circuit Breaker

(Conforms to IS/IEC:60947-2)

New Range of Intelligent Protection Release (IPR)+



S. No.	Features	IPR E+	IPR 1+	IPR 3+	IPR 5+
	Release settings:	●	●	●	●
1	LTD	Current Setting	●	●	●
		Time Setting	●	●	●
2	STD	Current Setting	●	●	●
		Time Setting	●	●	●
3	INST	●	●	●	●
4	GFT	Current Setting	●	●	●
		Time Setting	●	●	●
5	PTA	Current Setting		●	●
		Time Setting		●	●
6	Function Blocking	●	●	●	●
7	Field Test Function	●	●	●	●
8	IPR Fit Indicator			●	●
9	Load Shedding Function			●	●
10	Reset Function	●	●	●	●
11	Thermal Memory			●	●
12	LED Indications	●	●	●	●
13	Fault History on Display			●	●
14	Making Current Release	●	●	●	●
15	Zone Selectivity			●	●
16	Circuit Breaker Fail Protection			●	●
17	Operation Counter			●	●
18	Contact Erosion Indicator			●	●
19	Ready to Close (RTC)*			●	●
20	I ₂ t ON/OFF			●	●
21	LCD Display			●	●
22	Bar Graphs Indication			●	●
23	External Relay Card*			●	●
	Advanced Protection			●	●
24	Under Voltage Release			●	●
25	Over Voltage Release			●	●
26	Under Frequency protection			●	●
27	Over Frequency protection			●	●
28	Voltage unbalance protection			●	●
29	Phase sequence protection			●	●
30	Over Temperature Protection			●	●
	Measurement Module			●	●
31	Current (Both in 3 phase & neutral)			●	●
32	Voltage (both Line & Phase)			●	●
33	Frequency			●	●
34	Temperature (°C)			●	●
35	Maximum Demand				●
36	Apparent Power (kVA)				●
37	Real Power (kW)				●
38	Reactive Power (kVAr)				●
39	Power factor				●
40	Communication Enabled (MODBUS)				●

*Provided on request.

Communication software provided on request.

Note: IPR+ releases do not require any external power supply for their basic protection functioning. For other functions and display to run, they require an external power supply of 12 Vdc - 24 Vdc.

Rating	Rated Ultimate Short-circuit Breaking Capacity Ics = 100 % Icu at 415 V	Pole	MANUAL		ELECTRICAL	
			Fixed	Drawout	Fixed	Drawout
400 A - 1600 A	65 kA	4 Pole		POR		POR
2000 A - 2500 A	85 kA					
3200 A	100 kA	3 Pole / 4 Pole	Price on Request			
4000 A						
5000 A						
6300 A						



Protection Release for Titania+

Model Name	N Type	A Type	P Type	H Type
	LN	LA	LP	LH
Frequency				
50 Hz / 60 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Control Power				
External Power	-	●	●	●
Self-Power	●	●	●	●
Protection Function				
LTD (Long Time)	●	●	●	●
STD (Short Time)	●	●	●	●
INST (Instantaneous)	●	●	●	●
Pre-Trip Alarm	-	●	●	●
Ground Fault Trip	●	●	●	●
Thermal Function	●	●	●	●
Field Test	-	●	●	●
Fail Safe	●	●	●	●
Indication				
True RMS Detection Method	●	●	●	●
LED Indication per Trip Type	-	●	●	●
Fault LED	L ¹⁾	PTA, L, S/I, G	PTA, L, S/I, G	PTA, L, S/I, G
Real-Time LCD Indication of Load Rate per Phase	-	●	●	●
Measurement LCD	-	●	●	●
3 Phase current	-	●	●	●
Voltage	-	-	●	●
Power	-	-	●	●
Power factor & power quantity	-	-	●	●
Demand	-	-	●	●
Zone selective interlocking	-	●	●	●
Voltage / current harmonics (1st ~ 63 th)	-	-	-	●
3 Phase wave form	-	-	-	●
TDH, TDD	-	-	-	●
Output Contact				
Integrated Instantaneous Contact (1a)	●	-	-	-
Individual Continuous Contact (4a)	-	●	●	●
Operation				
MCR	-	○	○	○
Communication	NFC	Modbus-RTU	Modbus-RTU	Modbus-RTU
Event/Fault Recording	●	●	●	●

* Please refer table A to Product price list
Door Flange (Escutcheon Frame) is supplied alongwith ACB

● Standard m: Option
1) Indicates reserve before operation during long time delay.



Moulded Case Circuit Breaker

**NEW
LAUNCH**

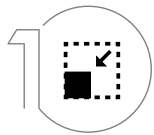
**EFFICIENCY UNLEASHED
COMPACT, SAFE, RELIABLE**

Range : 16 A – 630 A
 No. of Poles : 3 Pole & 4 Pole
 Breaking Capacity $I_{cs} = I_{cu} = 100\%$ upto 70 kA
 Ambient Temperature 50 °C
 Operational Voltage 690 V AC
 Insulation Voltage 1000 V AC
 Adjustable Thermal & Magnetic
 Microprocessor Based – LSI, Advance protection
 Digital Display, Communication with Cloud connectivity



Specifications and Certifications

IEC 60947-1 & 2
 RoHS Compliant



Compact Footprint



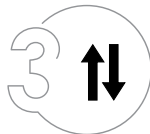
Quick Toggle, Trip free mechanism



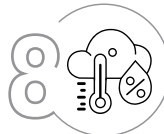
Current Limiting, outstanding single break



Positive Isolation



Line-Load Reversibility



Suitable for harsh Environments



Reliable breaking performance, $I_{cs}=100\% I_{cu}$



Trip Intelligence



Class II Insulation



Easy and Field Installable accessories



QTRON 160

Adjustable Thermal & Fixed Magnetic

Rated Ultimate Short-circuit Breaking Capacity Ics=100% Icu at 415 V AC (kA rms)	Rated Service Short-circuit Breaking Capacity Ics = % Icu at 415 V (kArms)	Current Rating (A)	Three Pole Cat. No	Per Unit LP (₹)	Four Pole Cat. No	Per Unit LP (₹)
36 kA	100%	16 A	IHQT1EB30016	12120.00	IHQT1EB50016	15045.00
		25 A	IHQT1EB30025	12120.00	IHQT1EB50025	15045.00
		32 A	IHQT1EB30032 ▲	12120.00	IHQT1EB50032	15045.00
		40 A	IHQT1EB30040	12120.00	IHQT1EB50040	15045.00
		50 A	IHQT1EB30050	12120.00	IHQT1EB50050	15045.00
		63 A	IHQT1EB30063 ▲	12120.00	IHQT1EB50063 ▲	15045.00
		80 A	IHQT1EB30080	12120.00	IHQT1EB50080	15045.00
		100 A	IHQT1EB30100 ▲	12120.00	IHQT1EB50100 ▲	15045.00
		125 A	IHQT1EB30125 ▲	13630.00	IHQT1EB50125 ▲	16765.00
		160 A	IHQT1EB30160 ▲	17875.00	IHQT1EB50160 ▲	21205.00
50 kA	100%	16 A	IHQT1FB30016	15945.00	IHQT1FB50016	19530.00
		25 A	IHQT1FB30025	15945.00	IHQT1FB50025	19530.00
		32 A	IHQT1FB30032	15945.00	IHQT1FB50032	19530.00
		40 A	IHQT1FB30040	15945.00	IHQT1FB50040	19530.00
		50 A	IHQT1FB30050	15945.00	IHQT1FB50050	19530.00
		63 A	IHQT1FB30063	15945.00	IHQT1FB50063 ▲	19530.00
		80 A	IHQT1FB30080	15945.00	IHQT1FB50080	19530.00
		100 A	IHQT1FB30100	15945.00	IHQT1FB50100 ▲	19530.00
		125 A	IHQT1FB30125 ▲	21215.00	IHQT1FB50125 ▲	24490.00
		160 A	IHQT1FB30160	24065.00	IHQT1FB50160 ▲	28820.00

Motor Protection MCCB

Rated Ultimate Short-circuit Breaking Capacity Ics=100% Icu at 415 V AC (kA rms)	Rated Service Short-circuit Breaking Capacity Ics = % Icu at 415 V (kArms)	Current Rating (A)	Three Pole Cat. No	Per Unit LP (₹)
50 kA	100%	40 A	IHQT1FD30040MP	7040.00
		50 A	IHQT1FD30050MP	7040.00
		63 A	IHQT1FD30063MP	7040.00
		80 A	IHQT1FD30080MP	7040.00
		100 A	IHQT1FD30100MP	9180.00
		125 A	IHQT1FD30125MP	9280.00
		160 A	IHQT1FD30160MP	11015.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Note: Phase barriers are supplied along with MCCBs

Spreader terminals are available as an accessories, refer page no. 21

It is recommended to use spreader terminals for enhancing termination capacity



QTRON 250 Adjustable Thermal & Adjustable Magnetic

Rated Ultimate Short-circuit Breaking Capacity Ics=100% Icu at 415 V AC (kA rms)	Rated Service Short-circuit Breaking Capacity Ics = % Icu at 415 V (kArms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole Cat. No.	Per Unit LP (₹)
36 kA	100%	100 A	IHQT2EC30100	20775.00	IHQT2EC50100	25705.00
		125 A	IHQT2EC30125	20775.00	IHQT2EC50125	25705.00
		160 A	IHQT2EC30160	26420.00	IHQT2EC50160 ▲	32595.00
		200 A	IHQT2EC30200 ▲	27455.00	IHQT2EC50200 ▲	35060.00
		250 A	IHQT2EC30250 ▲	30845.00	IHQT2EC50250 ▲	37100.00
50 kA		100 A	IHQT2FC30100	28780.00	IHQT2FC50100	35060.00
		125 A	IHQT2FC30125	28780.00	IHQT2FC50125	35060.00
		160 A	IHQT2FC30160	30420.00	IHQT2FC50160	38370.00
		200 A	IHQT2FC30200	31455.00	IHQT2FC50200	39485.00
		250 A	IHQT2FC30250	33710.00	IHQT2FC50250	42400.00

Microprocessor MCCB - LSI

Rated Ultimate Short-circuit Breaking Capacity Ics=100% Icu at 415 V AC (kA rms)	Rated Service Short-circuit Breaking Capacity Ics = % Icu at 415 V (kArms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole Cat. No.	Per Unit LP (₹)
36 kA	100%	160 A	IHQT2EE30160	37400.00	IHQT2EE50160 ▲	51975.00
		200 A	IHQT2EE30200	39270.00	IHQT2EE50200 ▲	54395.00
		250 A	IHQT2EE30250	39270.00	IHQT2EE50250	54395.00
50 kA		160 A	IHQT2FE30160	44440.00	IHQT2FE50160	56760.00
		200 A	IHQT2FE30200	46310.00	IHQT2FE50200	58685.00
		250 A	IHQT2FE30250	46310.00	IHQT2FE50250	58685.00

Microprocessor MCCB - LSIG

Rated Ultimate Short-circuit Breaking Capacity Ics=100% Icu at 415 V AC (kA rms)	Rated Service Short-circuit Breaking Capacity Ics = % Icu at 415 V (kArms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole Cat. No.	Per Unit LP (₹)
36 kA	100%	160 A	IHQT2EF30160	55010.00	IHQT2EF50160 ▲	67320
		200 A	IHQT2EF30200	56100.00	IHQT2EF50200	68970
		250 A	IHQT2EF30250	56100.00	IHQT2EF50250	68970
50 kA		160 A	IHQT2FF30160	57310.00	IHQT2FF50160	69540
		200 A	IHQT2FF30200	58300.00	IHQT2FF50200	70840
		250 A	IHQT2FF30250	58300.00	IHQT2FF50250	70840

Motor Protection MCCB

Rated Ultimate Short-circuit Breaking Capacity Ics=100% Icu at 415 V AC (kA rms)	Rated Service Short-circuit Breaking Capacity Ics = % Icu at 415 V (kArms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)
50 kA	100%	200 A	IHQT2FD30200MP	22000.00
		250 A	IHQT2FD30250MP	25850.00

▲ Stockable Item
For details on technical parameters & non stockable items contact nearest sales office.

Note: Phase barriers are supplied along with MCCBs
Spreader terminals are available as an accessories, refer page no. 21
It is recommended to use spreader terminals for enhancing termination capacity
For material availability please connect with nearest sales office.

QTRON QT3

Moulded Case Circuit Breaker

(Conforms to IS/IEC 60947-2)



QTRON 630 Microprocessor MCCB - LSI

Rated Ultimate Short-circuit Breaking Capacity Ics=100% Icu at 415 V AC (kA rms)	Rated Service Short-circuit Breaking Capacity Ics = % Icu at 415 V (kArms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole Cat. No.	Per Unit LP (₹)
36 kA	100%	400A	IHQT3EE30400	46440.00	IHQT3EE50400	60100.00
		630A	IHQT3EE30630	51300.00	IHQT3EE50630	68040.00
50 kA		400A	IHQT3FE30400	50760.00	IHQT3FE50400	66150.00
		630A	IHQT3FE30630	55620.00	IHQT3FE50630	72630.00
70 kA		400A	IHQT3HE30400	65555.00	IHQT3HE50400	86615.00

Microprocessor MCCB - LSI G

Rated Ultimate Short-circuit Breaking Capacity Ics=100% Icu at 415 V AC (kA rms)	Rated Service Short-circuit Breaking Capacity Ics = % Icu at 415 V (kArms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole Cat. No.	Per Unit LP (₹)
36 kA	100%	400A	IHQT3EF30400	63990.00	IHQT3EF50400	74195.00
		630A	IHQT3EF30630	70090.00	IHQT3EF50630	84835.00
50 kA		400A	IHQT3FF30400	67175.00	IHQT3FF50400	80245.00
		630A	IHQT3FF30630	74410.00	IHQT3FF50630	95905.00
70 kA		400A	IHQT3HF30400	90990.00	IHQT3HF50400	113995.00

Note: Phase barriers are supplied along with MCCBs
 Spreader terminals are available as an accessories, refer page no. 21
 It is recommended to use spreader terminals for enhancing termination capacity
 For material availability please connect with nearest sales office.

Accessories

Description	Cat. No	Per Unit LP (₹)
Shunt Trip - QT160, QT250 & QT630		
24 Vdc	ISSLQX0172	POR
48 Vdc	ISSLQX0173	
110 Vdc	ISSLQX0175	
110 V AC	ISSLQX0176	3040.00
230 V AC ▲	ISSLQX0171	3040.00
415 V AC	ISSLQX0177	3040.00
Under Voltage Release - QT160, QT250 & QT630		
24 Vdc	ISSLQX0180	POR
48 Vdc	ISSLQX0181	
110 Vdc ▲	ISSLQX0182	
110 V AC	ISSLQX0183	3830.00
230 V AC	ISSLQX0179	3830.00
415 V AC	ISSLQX0184	3830.00
Auxillary Contact - QT160, QT250 & QT630		
1 C/O ▲	ISSLQX0149	1150.00
2 C/O	ISSLQX0242	2205.00
Trip Alarm Contact - QT160, QT250 & QT630		
1 C/O	ISSLQX0145	1150.00
Auxillary + Alarm Contact - QT160, QT250 & QT630		
1 C/O + 1 C/O ▲	ISSLQX0164	2205.00
Spreader Terminals Kit		
Spreader Terminal Kit (3nos) QT160 ▲	ISSLQX0015	920.00
Spreader Terminal Kit (4nos) QT160 ▲	ISSLQX0014	1205.00
Spreader Terminal Kit (3nos) QT250	ISSLQX0110	1050.00
Spreader Terminal Kit (4nos) QT250	ISSLQX0109	1395.00
Spreader Terminal Kit (3nos) QT630*	ISSLQX0319	2380.00
Spreader Terminal Kit (4nos) QT630*	ISSLQX0320	3020.00
Rotary Handle		
Direct Mounting QT160	ISSLQX0222	1605.00
Door Mounting QT160 ▲	ISSLQX0223	2170.00
Direct Mounting QT250 ▲	ISSLQX0325	1715.00
Door Mounting QT250	ISSLQX0326	2590.00
Door Mounting QT630	ISSLQX0413	4260.00
Pad Lock		
Fixed QT160	ISSLQX0209	245.00
Removable QT160	ISSLQX0211	165.00
Fixed QT250	ISSLQX0408	270.00
Removable QT250	ISSLQX0409	230.00
Terminal Shroud		
3 Pole QT160	ISSLQX0141	650.00
4 Pole QT160	ISSLQX0142	900.00
3 Pole QT250 ▲	ISSLQX0167	1250.00
4 Pole QT250 ▲	ISSLQX0168	1560.00
3 Pole QT630	ISSLQU0448	1455.00
4 Pole QT630	ISSLQU0449	1870.00
MCCB Enclosure		
3 Pole QT160	ISSLQX0381	2445.00
4 Pole QT160 ▲	ISSLQX0385	2445.00
3 Pole QT250	ISSLQX0440	2995.00
4 Pole QT250	ISSLQX0446	2995.00
Din Mounting Plant		
QT160 A	ISSLQX0208	175.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

*For 630 A 2 numbers of spreader terminals kit to be ordered for each size (Load & Line).





Moulded Case Circuit Breaker

(Conforms to IS/IEC 60947-2)

Range : 16 A – 160 A

No. of Poles : 3 Pole & 4 Pole

Breaking Capacity $I_{cs} = I_{cu} = 100\%$ upto 25 kA

Ambient Temperature 40 °C

Operational Voltage 415 V AC

Insulation Voltage 1000 V AC

Imp Voltage 8 kV

Adjustable Thermal Fixed Magnetic

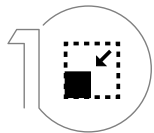
Field fittable accessories



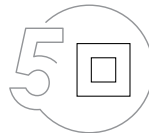
Specifications and Certifications

IEC 60947-1 & 2

RoHS Compliant



Compact Footprint



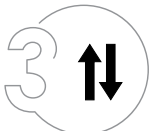
Class II Insulation



Current Limiting, outstanding single break



Quick Toggle, Trip free mechanism



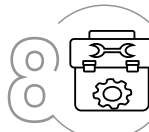
Line-Load Reversibility



Positive Isolation



Reliable breaking performance, $I_{cs}=100\% I_{cu}$



Easy and Field Installable accessories



Moulded Case Circuit Breaker

(Conforms to IS/IEC 60947-2)



ATRON 160

Adjustable Thermal & Fixed Magnetic

Rated Ultimate Shortcircuit Breaking Capacity Icu at 415 V (kA rms)	Rated Service short circuit Breaking Capacity Ics at 415 V (kA rms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole \$ Cat. No.	Per Unit LP (₹)
18 kA	18 kA	16 A	IHTT1IB30016	5140.00	IHTT1IB50016	6495.00
		20 A	IHTT1IB30020	5140.00	IHTT1IB50020	6495.00
		25 A	IHTT1IB30025	5140.00	IHTT1IB50025	6495.00
		32 A	IHTT1IB30032 ▲	5140.00	IHTT1IB50032	6495.00
		40 A	IHTT1IB30040	5140.00	IHTT1IB50040	6495.00
		50 A	IHTT1IB30050	5140.00	IHTT1IB50050	6495.00
		63 A	IHTT1IB30063 ▲	5140.00	IHTT1IB50063 ▲	6495.00
		80 A	IHTT1IBT0080#	5240.00	IHTT1IBE0080#	6850.00
		100 A	IHTT1IBT0100# ▲	5240.00	IHTT1IBE0100# ▲	6850.00
		125 A	IHTT1IBT0125# ▲	5760.00	IHTT1IBE0125# ▲	7155.00
		160 A	IHTT1IBT0160# ▲	6725.00	IHTT1IBE0160# ▲	8320.00
25 kA	25 kA	16 A	IHTT1DB30016	8190.00	IHTT1DB50016	9530.00
		20 A	IHTT1DB30020	8190.00	IHTT1DB50020	9530.00
		25 A	IHTT1DB30025	8190.00	IHTT1DB50025	9530.00
		32 A	IHTT1DB30032	8190.00	IHTT1DB50032	9530.00
		40 A	IHTT1DB30040	8190.00	IHTT1DB50040 ▲	9530.00
		50 A	IHTT1DB30050	8190.00	IHTT1DB50050	9530.00
		63 A ▲	IHTT1DB30063 ▲	8190.00	IHTT1DB50063 ▲	9530.00
		80 A	IHTT1DBT0080#	8505.00	IHTT1DBE0080#	10080.00
		100 A ▲	IHTT1DBT0100# ▲	8505.00	IHTT1DBE0100# ▲	10080.00
		125 A ▲	IHTT1DBT0125# ▲	10290.00	IHTT1DBE0125# ▲	12495.00
		160 A	IHTT1DBT0160# ▲	11655.00	IHTT1DBE0160# ▲	14230.00

Adjustable Thermal & Fixed Magnetic

Rated Ultimate Shortcircuit Breaking Capacity Icu at 415 V (kA rms)	Rated Service short circuit Breaking Capacity Ics at 415 V (kA rms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole (wSN) Cat. No.##	Per Unit LP (₹)
18 kA	18 kA	16 A	IHTT1IB30016	5140.00	IHTT1IB40016	6070.00
		20 A	IHTT1IB30020	5140.00	IHTT1IB40020	6070.00
		25 A	IHTT1IB30025	5140.00	IHTT1IB40025	6070.00
		32 A	IHTT1IB30032 ▲	5140.00	IHTT1IB40032 ▲	6070.00
		40 A	IHTT1IB30040	5140.00	IHTT1IB40040 ▲	6070.00
		50 A	IHTT1IB30050	5140.00	IHTT1IB40050	6070.00
		63 A	IHTT1IB30063 ▲	5140.00	IHTT1IB40063 ▲	6070.00
		80 A	IHTT1IBT0080#	5240.00	IHTT1IBF0080#	6405.00
		100 A	IHTT1IBT0100# ▲	5240.00	IHTT1IBF0100# ▲	6405.00
		125 A	IHTT1IBT0125# ▲	5760.00	IHTT1IBF0125# ▲	6690.00
		160 A	IHTT1IBT0160# ▲	6725.00	IHTT1IBF0160# ▲	7775.00
25 kA	18 kA	16 A	IHTTHDB30016	5855.00	IHTTHDB40016	7370.00
		20 A	IHTTHDB30020	5855.00	IHTTHDB40020	7370.00
		25 A	IHTTHDB30025	5855.00	IHTTHDB40025	7370.00
		32 A	IHTTHDB30032	5855.00	IHTTHDB40032 ▲	7370.00
		40 A	IHTTHDB30040 ▲	5855.00	IHTTHDB40040 ▲	7370.00
		50 A	IHTTHDB30050	5855.00	IHTTHDB40050	7370.00
		63 A	IHTTHDB30063 ▲	5855.00	IHTTHDB40063 ▲	7370.00
		80 A	IHTTHDBT0080#	5985.00	IHTT1DBF0080#	7370.00
		100 A	IHTTHDBT0100# ▲	5985.00	IHTT1DBF0100# ▲	7370.00
		125 A	IHTTHDBT0125# ▲	6960.00	IHTT1DBF0125# ▲	9160.00
		160 A	IHTTHDBT0160# ▲	9905.00	IHTT1DBF0160# ▲	11560.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Note: Phase barriers are supplied along with MCCBs

#Both side spreader terminals are included

Spreader terminals are available as an accessories, refer page no. 24

It is recommended to use spreader terminals for enhancing termination capacity

For material availability please connect with nearest sales office.

##FP with Switched Neutral (unprotected neutral)

\$-Neutral pole protected



Moulded Case Circuit Breaker

(Conforms to IS/IEC 60947-2)

ATRON 160

Accessories

Description	Cat. No	Per Unit LP (₹)
Shunt Trip		
110 V AC	ISSLQX0176	3040.00
230 V AC ▲	ISSLQX0171	
415 V AC	ISSLQX0177	
Under Voltage Release		
110 V AC	ISSLQX0183	3830.00
230 V AC ▲	ISSLQX0179	
415 V AC	ISSLQX0184	
Auxillary Contact		
1 C/O ▲	ISSLQX0149	1150.00
2 C/O	ISSLQX0242	2205.00
Trip Alarm Contact		
1 C/O	ISSLQX0145	1150.00
Auxillary + Alarm Contact		
1 C/O + 1 C/O ▲	ISSLQX0164	2205.00
Spreader Terminals kit		
Spreader Terminal Kit (3NOS) AT1 - 16 A to 50 A	ISSLTX000031	315.00
Spreader Terminal Kit (3NOS) AT1 - 63 A	ISSLEX1158 ▲	315.00
Spreader Terminal Kit (3NOS) AT1 - 125 A to 160 A	ISSLTX000013	480.00
Spreader Terminal Kit (4NOS) AT1 - 16 A to 50 A	ISSLTX000032	460.00
Spreader Terminal Kit (4NOS) AT1 - 63 A	ISSLEX1159 ▲	460.00
Spreader Terminal Kit (4NOS) AT1 - 125 A to 160 A	ISSLTX000014	645.00
Rotary Handle		
Direct Mounting	ISSLQX0222	1605.00
Door Mounting AT160 ▲	ISSLTU0211	2170.00
Pad Lock		
Fixed	ISSLQX0209	245.00
Removable	ISSLQX0211	165.00
MCCB Enclosure		
3 Pole ▲	ISSLQX0381	2445.00
4 Pole ▲	ISSLQX0385	



▲ Stockable Item
For details on technical parameters & non stockable items contact nearest sales office.

Note: Phase barriers are supplied along with MCCBs
#Both side spreader terminals are included
Spreader terminals are available as an accessories, refer page no. 24
It is recommended to use spreader terminals for enhancing termination capacity
For material availability please connect with nearest sales office.

Loadline Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)

GA Frame

Fixed Thermal & Fixed Magnetic

HSN Code: 85362020

Rated Ultimate Shortcircuit Breaking Capacity Icu at 415 V (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 415 V (kA rms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)
10 kA	50%	63 A	IHLGAAAT0063	2350.00
		80 A	IHLGAAAT0080#	2400.00
		100 A ▲	IHLGAAAT0100#	2515.00
		125 A ▲	IHLGAAAT0125#	3175.00



G Frame

Fixed Thermal & Fixed Magnetic

HSN Code: 85362020

Rated Ultimate Shortcircuit Breaking Capacity Icu at 415 V (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 415 V (kA rms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole ## Cat. No.	Per Unit LP (₹)
10 kA	100%	25 A	IHLGST0025	2610.00	IHLGSF0025	3405.00
		32 A	IHLGST0032 ▲	2610.00	IHLGSF0032 ▲	3405.00
		40 A	IHLGST0040	2610.00	IHLGSF0040 ▲	3405.00
		50 A	IHLGST0050	2610.00	IHLGSF0050	3405.00
		63 A	IHLGST0063 ▲	2610.00	IHLGSF0063 ▲	3440.00
		80 A	IHLGST0080#	2715.00	IHLGSF0080#	4100.00
		100 A	IHLGST0100# ▲	2715.00	IHLGSF0100# ▲	4100.00
		125 A	IHLGST0125# ▲	3825.00	IHLGSF0125# ▲	4530.00
		160 A	IHLGST0160# ▲	5130.00	IHLGSF0160# ▲	6795.00

Single Pole MCCB

HSN Code: 85362020

Rated Ultimate Shortcircuit Breaking Capacity Icu at 240 V AC (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 240 V AC (kA rms)	Current Rating (A)	Single Pole Cat. No.	Per Unit LP (₹)
10 kA	100%	25 A	IHLGSS0025 ▲	1190.00
		32 A	IHLGSS0032	1190.00
		40 A	IHLGSS0040	1190.00
		50 A	IHLGSS0050	1190.00
		63 A	IHLGSS0063 ▲	1190.00
		80 A	IHLGSS0080#	1190.00
		100 A	IHLGSS0100# ▲	1190.00
		125 A	IHLGSS0125# ▲	1420.00
		160 A	IHLGSS0160# ▲	1535.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Adjustable thermal (70%-100%) in TP & FP for A frame

Adjustable thermal (80%-100%) in TP & FP for L frame

Please refer catalogue for magnetic adjustability details

Phase barriers are supplied along with MCCBs

Both side spreader terminals are included

Spreader terminals are available as an accessories, refer page no. 28

##FP with Switched Neutral

Loadline Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)



A Frame

Adjustable Thermal & Adjustable Magnetic

HSN Code: 85362020

Rated Ultimate Shortcircuit Breaking Capacity Icu at 415 V (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 415 V (kA rms)	Current Rating (A)	Suitable for DC Application	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole ## Cat. No.	Per Unit LP (₹)
16 kA	100%	160 A	-	IHLASBC30160 ▲	9515.00	IHLASBC40160 ▲	13060.00
		200 A		IHLASBC30200 ▲	11265.00	IHLASBC40200 ▲	14265.00
25 kA	75%	80 A	(Suitable for DC application 10 kA at 250 V DC 2P in series)	IHLASDC30080	8520.00	IHLASDC40080	10315.00
		100 A		IHLASDC30100 ▲		IHLASDC40100 ▲	
		125 A		IHLASDC30125 ▲	10675.00	IHLASDC40125 ▲	12625.00
		160 A		IHLANDC30160 ▲	11700.00	IHLANDC40160 ▲	14005.00
		200 A		IHLANDC30200 ▲	11865.00	IHLANDC40200 ▲	14595.00
		250 A		IHLANDC30250 ▲	12810.00	IHLANDC40250 ▲	16190.00
25 kA	100%	80 A		IHLANYC30080	8780.00	IHLANYC40080	10620.00
		100 A		IHLANYC30100 ▲		IHLANYC40100 ▲	
		125 A		IHLANYC30125 ▲	10995.00	IHLANYC40125 ▲	13010.00
		160 A		IHLANYC30160 ▲	12875.00	IHLANYC40160 ▲	15405.00
		200 A		IHLANYC30200 ▲	13050.00	IHLANYC40200 ▲	16055.00
		250 A		IHLANYC30250 ▲	14090.00	IHLANYC40250 ▲	17810.00

L Frame

Adjustable Thermal & Fixed Magnetic

HSN Code: 85362020

Rated Ultimate Shortcircuit Breaking Capacity Icu at 415 V (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 415 V (kA rms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole ## Cat. No.	Per Unit LP (₹)
36 kA	100%	200 A	IHLLSEB30200 ▲	24395.00	IHLLSEB40200 ▲	29120.00
		250 A	IHLLSEB30250 ▲	27375.00	IHLLSEB40250 ▲	32700.00
		320 A	IHLLSEB30320 ▲	29435.00	IHLLSEB40320 ▲	36165.00
		400 A	IHLLSEB30400 ▲		IHLLSEB40400 ▲	
		500 A	IHLLSEB30500 ▲	41085.00	IHLLSEB40500 ▲	50895.00
		630 A	IHLLSEB30630 ▲		IHLLSEB40630 ▲	
50 kA	100%	200 A	IHLLSFB30200 ▲	27045.00	IHLLSFB40200 ▲	32015.00
		250 A	IHLLSFB30250 ▲	29255.00	IHLLSFB40250 ▲	34610.00
		320 A	IHLLSFB30320	31610.00	IHLLSFB40320 ▲	38245.00
		400 A	IHLLSFB30400 ▲		IHLLSFB40400 ▲	
		500 A	IHLLSFB30500	46080.00	IHLLSFB40500	56570.00
		630 A	IHLLSFB30630 ▲		IHLLSFB40630 ▲	

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Adjustable thermal (70%-100%) in TP & FP for A frame
Adjustable thermal (80%-100%) in TP & FP for L frame
Please refer catalogue for magnetic adjustability details
Phase barriers are supplied along with MCCBs
Both side spreader terminals are included
Spreader terminals are available as an accessories, refer page no. 28
##FP with Switched Neutral

Loadline Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)

L Frame

Adjustable Thermal & Adjustable Magnetic

HSN Code: 85362020

Rated Ultimate Shortcircuit Breaking Capacity Icu at 415 V (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 415 V (kA rms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole ## Cat. No.	Per Unit LP (₹)
36 kA	100%	200 A	IHLLSEC30200 ▲	25485.00	IHLLSEC40200 ▲	29895.00
		250 A	IHLLSEC30250 ▲	28125.00	IHLLSEC40250 ▲	33410.00
		320 A	IHLLSEC30320	32305.00	IHLLSEC40320 ▲	39450.00
		400 A	IHLLSEC30400 ▲		IHLLSEC40400 ▲	
		500 A	IHLLSEC30500	43970.00	IHLLSEC40500	54565.00
		630 A	IHLLSEC30630 ▲		IHLLSEC40630 ▲	
50 kA	100%	200 A	IHLLSFC30200	30375.00	IHLLSFC40200	36145.00
		250 A	IHLLSFC30250	32860.00	IHLLSFC40250 ▲	39100.00
		320 A	IHLLSFC30320	34125.00	IHLLSFC40320 ▲	40780.00
		400 A	IHLLSFC30400 ▲		IHLLSFC40400 ▲	
		500 A	IHLLSFC30500	48265.00	IHLLSFC40500	57685.00
		630 A	IHLLSFC30630 ▲		IHLLSFC40630 ▲	

Microprocessor MCCB

Adjustable Overload, Short-circuit, Ground fault (4 Pole) & Fixed Instantaneous Neutral Protection (4 Pole)

HSN Code: 85362020

Rated Ultimate Shortcircuit Breaking Capacity Icu at 415 V (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 415 V (kA rms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole ## Cat. No.	Per Unit LP (₹)
36 kA	100%	250 A	IHLLSEE30250 ▲	44000.00	IHLLSEE40250 ▲	53255.00
		400 A	IHLLSEE30400 ▲		IHLLSEE40400 ▲	
		630 A	IHLLSEE30630	49275.00	IHLLSEE40630 ▲	65790.00
50 kA	100%	250 A	IHLLSFE30250	47940.00	IHLLSFE40250	60035.00
		400 A	IHLLSFE30400 ▲		IHLLSFE40400 ▲	
		630 A	IHLLSFE30630 ▲	51235.00	IHLLSFE40630 ▲	67200.00

▲ Stockable Item
For details on technical parameters & non stockable items contact nearest sales office.

Adjustable thermal (70%-100%) in TP & FP for A frame
Adjustable thermal (80%-100%) in TP & FP for L frame
Please refer catalogue for magnetic adjustability details
Phase barriers are supplied along with MCCBs

Both side spreader terminals are included
Spreader terminals are available as an accessories, refer page no. 28
##FP with Switched Neutral

Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 27**

Loadline Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)

HIM MCCB

Adjustable Thermal & Fixed Magnetic

HSN Code: 85389000

Rated Ultimate Shortcircuit Breaking Capacity Icu at 415 V (kA rms)	Rated Service short circuit Breaking Capacity Ics = % Icu at 415 V (kA rms)	Current Rating (A)	Three Pole Cat. No.	Per Unit LP (₹)	Four Pole ## Cat. No.	Per Unit LP (₹)
65 kA	100%	800 A	IHD4HLBT0800 ▲	59815.00	IHD4HLBF0800 ▲	77165.00

MCCB Accessories

Spreader Terminal kit (1 side)

HSN Code: 85389000

Frame Size	Rating	Pole	FG Codes	Per Unit LP (₹)	
G Frame	80 A - 100 A	1P	ISSLGX0153 ▲	80.00	
		3P	ISSLGX0154 ▲	220.00	
		4P	ISSLGX0155 ▲	345.00	
	125 A	1P	ISSLGX0156 ▲	95.00	
		3P	ISSLGX0157	280.00	
		4P	ISSLGX0158	405.00	
	160 A	1P	ISSLGX0159 ▲	125.00	
		3P	ISSLGX0160	375.00	
		4P	ISSLGX0161	500.00	
A Frame	80 A~100 A	3P	ISSLAX0121 ▲	330.00	
		4P	ISSLAX0122 ▲	445.00	
	125 A~200 A	3P	ISSLAX0124 ▲	480.00	
		4P	ISSLAX0125 ▲	650.00	
	250 A	3P	ISSLAX0127 ▲	815.00	
		4P	ISSLAX0128 ▲	1180.00	
L Frame	200 A~400 A	3P	ISSLLX0065 ▲	1985.00	
		4P	ISSLLX0066 ▲	2595.00	
	500 A~630 A	3P	ISSLLX0067 ▲	2100.00	
		4P	ISSLLX0068 ▲	2815.00	
	HIM 800	800 A	3P	ISSLEX1166 ▲	4320.00
			4P	ISSLEX1167 ▲	5315.00

Enclosures for MCCBs ▲

HSN Code: 85371000

Description	Item Code	Per Unit LP (₹)
GA & 'G' Frame TP	IHEGTP ▲	2420.00
GA & 'G' Frame FP	IHEGFP ▲	
'A' Frame TP	IHEATP ▲	2780.00
'A' Frame FP	IHEAFP ▲	
'L' Frame TP	IHELTP ▲	11180.00
'L' Frame FP	IHELFP ▲	
HIM 800 TP	ISSBOU1199	11445.00
HIM 800 FP	ISSBOU1200	

▲ Stockable Item
For details on technical parameters & non stockable items contact nearest sales office.

Adjustable thermal (70%-100%) in TP & FP for A frame
Adjustable thermal (80%-100%) in TP & FP for L frame
Please refer catalogue for magnetic adjustability details
Phase barriers are supplied along with MCCBs

Both side spreader terminals are included
Spreader terminals are available as an accessories, refer page no. 28
##FP with Switched Natural

Loadline Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)

Earth Fault Relay for MCCBs

HSN Code: 85389000

MCCBs Current Range (A)	Item Code**	Per Unit LP (₹)
25 A- 100 A	IHEF1100	8620.00
125 A- 200 A	IHEF2200 ▲	9780.00
250 A- 400 A	IHEF3400 ▲	11420.00
500 A- 800 A	IHEF4800	14240.00



- The above prices are inclusive of CBCT.

** For operating the Earth Fault Relay a Shunt trip or an UVR has to be used.

Note : For operating Shunt Trip for G Frame, a separate auxiliary switch would be required in which case one c/o. will be used with the shunt trip, leaving one c/o. free for use. Door mounting clamps for G & AA Frame are supplied free of cost on request basis.

Other Accessories

HSN Code: 85389000

Description	'G' / 'GA' Frame		'A' Frame		'L' Frame	
	Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)
Shunt Trip						
100 V AC - 110 V AC	ISSLEU2453 ▲	1380.00	IHLAS110	2005.00	IHLLS110	2810.00
220 V AC - 240 V AC	ISSLEU2454 ▲		IHLAS240 ▲		IHLLS240 ▲	
380 V AC - 415 V AC	ISSLEU2446		IHLAS415		IHLLS415 ▲	
Under Voltage Release						
110 V AC - 120 V AC	-	2085.00	IHLAU110	3080.00	IHLLU110	3820.00
220 V AC - 240V AC	ISSLEU2447 ▲		IHLAU240 ▲		IHLLU240 ▲	
380 V AC - 440 V AC	ISSLEU2448 ▲		IHLAU440		IHLLU415 ▲	
Auxiliary Contact (250V AC/250Vdc) (450V AC/250Vdc)						
1-Changeover	ISSLEU2450 ▲	930.00	IHLAA1CO ▲	1025.00	IHLA1CO ▲	1180.00
2-Changeover	ISSLEU2449	1485.00	IHLAA2CO ▲	1700.00	IHLA2CO ▲	2045.00
Rotary Handle						
Direct Mounting	IHLGD000 ▲	1410.00	IHLAD000 ▲	1855.00		
Door Mounting	IHLGRN30 ▲	1760.00	IHLARN30 ▲	2420.00	IHLRN30 ▲	3580.00
Padlock Device						
Padlock	IHLDPG125	140.00	IHLDPA250	215.00	IHLPP000	490.00
Trip Alarm Contact	ISSLEU2451	930.00	IHLALA1CO	1025.00	IHLB000 ▲	1180.00
Auxiliary Contact + Alarm Switch					ISSLEU1772	2045.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Adjustable thermal (70%-100%) in TP & FP for A frame

Adjustable thermal (80%-100%) in TP & FP for L frame

Please refer catalogue for magnetic adjustability details

Phase barriers are supplied along with MCCBs

Both side spreader terminals are included

Spreader terminals are available as an accessories, refer page no. 28

##FP with Switched Neutral

Loadline Moulded Case Circuit Breakers

(Conforms to IS/IEC:60947-2)

Accessories for HIM Series Moulded Case Circuit Breakers

HSN Code: 85389000

Description	HIM 800 Frame	Per Unit LP (₹)
Shunt Trip		
24 Vdc	ISSLEU0889	2880.00
100 Vdc -125 Vdc	ISSLEU0907	
100 V AC -120 V AC	ISSLEU0908	
200 V AC -250 V AC	ISSLEU0890 ▲	
380 V AC - 415 V AC	On Request	
Under Voltage Release		
24 Vdc	ISSLEU0912	4090.00
100 V AC - 120 V AC	ISSLEU0914	
200 V AC - 230 V AC	ISSLEU0895	
380 V AC - 415 V AC	ISSLEU0896	
Auxiliary Contact (250 V AC / 250 Vdc) (450 V AC / 250 Vdc)		
1-Changeover	ISSLEU0793 ▲	1220.00
Alarm Switch (Left side only)	ISSLEU0796	1220.00



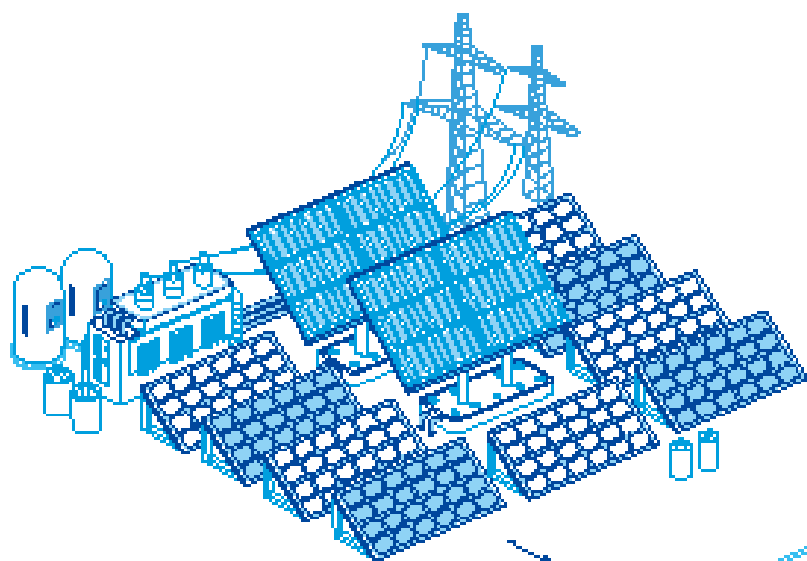
HSN Code: 85389000

Description	HIM 800 Frame	Per Unit LP (₹)
Rotary Handle		
Direct Mounting	ISSLEU0916	3585.00
Door Mounting	ISSLEU0824 ▲	4680.00
Mechanical Interlock		
3 Pole	ISSLEU0838 ▲	6440.00
4 Pole (R-S-T-N)	ISSLEU0842 ▲	7635.00
Motor Operator		
24 Vdc	ISSLEU0903 ▲	55570.00
110 V AC / Vdc	ISSLEU0923 ▲	
240 V AC / Vdc	ISSLEU0904	
Pad Lock Device	ISSLEU0845	1675.00
Auxiliary Handle	ISSLEU0846	1675.00
Phase Barrier		
3 Pole (Set of 2)	ISSLEU0885	780.00
4 Pole (Set of 3)	ISSLEU0886	1170.00



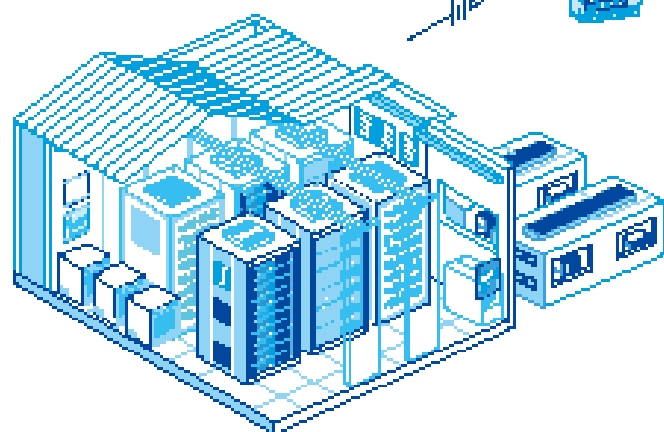
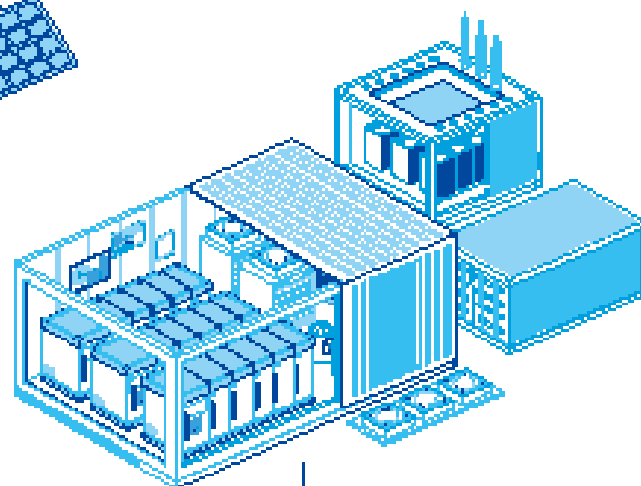
▲ Stockable Item
For details on technical parameters & non stockable items contact nearest sales office.

Adjustable thermal (70%-100%) in TP & FP for A frame
Adjustable thermal (80%-100%) in TP & FP for L frame
Please refer catalogue for magnetic adjustability details
Phase barriers are supplied along with MCCBs
Both side spreader terminals are included
Spreader terminals are available as an accessories, refer page no. 28
##FP with Switched Neutral



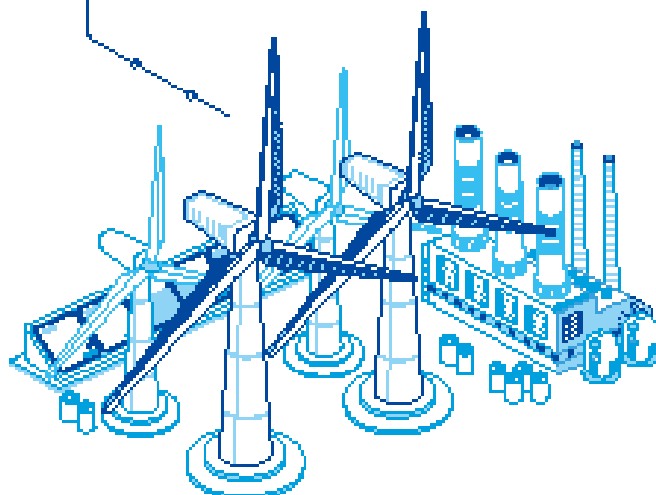
Photovoltaic Power

Energy Storage Systems



Data Center

Wind Power



Green Energy Solutions



High Voltage AC - Circuit Breakers

Air Circuit Breaker

In accordance with the changing trend, ACB is equipped with various accessories and advanced level of digital protection relay. In addition, maximizes customer's range of selection and level of satisfaction with model dualization and compact size.

- Range 630 A - 4000 A
- No. of Poles : 3 Pole & 4 Pole
- Breaking Capacity 50 kA (at 1150 V)
- Rated operational voltage 1150 V
- Rated Impulse Withstand Voltage (Uimp) :12 kV
- BUS Bar Terminal can be changed to horizontal/vertical
- CB certification (UL), IEC 60947-1, 2
- CE Mark

ZTRON 



Frame	Rating	Pole	Rated Ultimate Short-Circuit Breaking Capacity [Icu] (kA rms) at 800V AC	Rated Ultimate Short-Circuit Breaking Capacity [Icu] (kA rms) at 1150V AC	Rated Service Short-Circuit Breaking Capacity [Ics] (...%×Icu)	Rated Short-Time withstand Current [Icw] (1s)	Per Unit LP (₹)
2000 A	630 A - 2000 A	3P & 4 P	75 kA	30 kA	100%	30 kA	POR
4000 A	630 A - 4000 A	3P & 4 P		50 kA	100%	50 kA	

Moulded Case Circuit Breaker

- Range : 40 A - 630 A
- No. of Poles : 3 Pole & 4 Pole
- Breaking capacity : Ics = Icu = 100% upto 35 kA at 800 V AC
Ics = Icu = 100% upto 20 kA 1000 V AC
- Rated operational voltage 1000 V AC & 800 V AC
- Rated Insulation Voltage Ui: 1000 V
- Rated Impulse Withstand Voltage Uimp: 8 kV
- Adjustable Thermal & Magnetic
- Field fittable accessories
- Conforms to IEC 60947-2

QTRON 



Frame	Rating	Pole	Rated Ultimate Short-Circuit Breaking Capacity [Icu] (kA rms) at 800V AC	Rated Ultimate Short-Circuit Breaking Capacity [Icu] (kA rms) at 1000V AC	Per Unit LP (₹)
100 A	40 A - 100 A	3P & 4 P	25 kA & 35 kA	15 kA & 20 kA	POR
160 A	100 A - 160 A	3P & 4 P			
250 A	125 A - 250 A	3P & 4 P			
400 A	300 A - 400 A	3P & 4 P			
630 A	500 A - 630 A	3P & 4 P			

DC - Circuit Breakers

Air Circuit Breaker



- Range 800 A - 4000 A
- Rated operational voltage 3 Pole - 1000 V DC
4 Pole - 1500 V DC
- Rated Insulation Voltage U_i : 1000 V / 1500 V
- Rated Impulse Withstand Voltage U_{imp} : 12 kV
- IEC 60947-2 CB certification, IEC 60947-3 CB certification



Frame	Rating	Pole	Rated Ultimate Breaking Capacity [Icu]		Service Short-Circuit Breaking Capacity [Ics]	"Rated Short-Time Withstand Current [Icw] 1 Second		Per Unit LP (₹)
			3P at 1000 V DC	4P at 1500 V DC		3P at 1000 V DC	4P at 1500 V DC	
1600 A	800 A - 1600 A	3P & 4 P	60 kA		100%	50 kA	POR	
2500 A	1600 A - 2500 A	3P & 4 P						
3200 A	1600 A - 3200 A	3P & 4 P						
4000 A	2000 A - 4000 A	3P & 4 P						

Moulded Case Circuit Breaker



- Range : 40 A - 800 A - DC 750 V for 3P & DC 1000 V for 4 Pole
100 A - 630 A - DC 1500 V for 4 Pole
- Breaking capacity : Ics = Icu = 100% upto 100 kA at 1000 V DC
Ics = Icu = 100% upto 50 kA 1500 V DC
- (Consistent performance across the entire frame)
- Rated Insulation Voltage U_i : 1000 V (at 1000 Vdc), 1500 V (at 1500 Vdc)
- Rated Impulse Withstand Voltage U_{imp} : 8 kV
- IEC60947-2, CB certification, DC 1000 V (MCCB 100 A / 160 A / 250 A / 630 A / 800 A)
- IEC 60947-2 Annex. P, CB certification



Frame	Rating	Pole	Rated Ultimate Short-Circuit Breaking Capacity [Icu] (kA rms) DC 1,500V for 4P (t=2ms)	Per Unit LP (₹)
100 A	100 A	4P	20 kA & 50 kA	POR
160 A	100 A - 160 A	4P		
250 A	160 A - 250 A	4P		
400 A	300 A - 400 A	4P		
630 A	500 A - 630 A	4P		



250 A Panel Board, OG TP A'Tron MCCB's

HSN Code: 85371000

Current Rating (A) Incommer	Outgoing* (No. of Ways)	Double Door Item Code	Per Unit LP (₹)
250 A "A" Frame MCCB Incommer	4	IHAT02500400	61270.00
	8	IHAT02500800	74965.00
	16	IHAT02501600	107020.00

250 A Panel Board, OG FP A'Tron MCCB's

HSN Code: 85371000

Current Rating (A) Incommer	Outgoing* (No. of Ways)	Double Door Item Code	Per Unit LP (₹)
250 A "A" Frame MCCB Incommer	4	IHATF2500400	65030.00
	8	IHATF2500800	81510.00
	12	IHATF2501200	116360.00

Accessories

HSN Code: 85371000

Description	Double Door Item Code	Per Unit LP (₹)
Cable Alley I/C 250 A, O/G 3P 2/4 Way	ISSBOU0690	18905.00
Cable Alley I/C 250 A,O/G 3P 6 Way & 4P 4 Way	ISSBOU0691	24960.00
Cable Alley I/C 250 A,O/G 3P 8 Way	ISSBOU0692	26175.00
Cable Alley I/C 250 A,O/G 4P 8 Way	ISSBOU0694	27980.00
Cable Alley I/C 250 A,O/G 3P 16 Way & 4P 12 Way	ISSBOU0696	33280.00

Pre-Wired Meter Module with Voltmeter, Ammeter, Selector Switch, Ct's Control Fuse & Indicating Lights

Description	Double Door Item Code	Per Unit LP (₹)
Prewire Meter Module - Analog	ISSBOU0706	22010.00
Meter Module - Digital	ISSBOU0707	27495.00

Bare Meter Module / MCB Module / Add on Module

Description	Double Door Item Code	Per Unit LP (₹)
"Meter Module - Analog Provision for Ammeter, Voltmeter - Analog with selector switch"	ISSBOU0703	9425.00
MCB Module	ISSBOU0704	
Add on Module	ISSBOU0705	

Terminal for ATron Outgoing

HSN Code: 85389000

Description	Item Code	Per Unit LP (₹)
Terminal for ATron Outgoing (Per Pole)	ISCUPLTX012	160.00

‘G’ Frame Panel Boards, O/G TP MCCBs G-Frame (10 kA)

HSN Code: 85371000

Incomer**	Outgoing* (No. of Ways)	Double Door Item Code	Per Unit LP (₹)
250 A “AA” Frame MCCB	4	IHVG02500400	61270.00
	8	IHVG02500800	74965.00
	16	IHVG02501600	107020.00
400 A “LS” Frame MCCB	4	IHLG04000400	68040.00
	8	IHLG04000800	76385.00
	16	IHLG04001600	114820.00



* The outgoings number of ways is the number of “G” Frame TP MCCBs that can be mounted. In case of SP MCCBs the number of MCCBs shall be three times the number of ways in TP MCCBs.

** Maximum ratings are indicated for the incoming MCCBs however lower ratings in the same frame can be ordered. The above prices are for bare enclosures only, incoming and outgoing MCCBs have to be ordered separately.

‘G’ Frame Panel Boards, O/G FP MCCBs G-Frame (10 kA)

HSN Code: 85371000

Incomer**	Outgoing* (No. of Ways)	Double Door Item Code	Per Unit LP (₹)
250 A “AA” Frame MCCB	4	IHVGF2500400	65030.00
	8	IHVGF2500800	81510.00
	12	IHVGF2501200	116360.00
400 A “LS” Frame MCCB	4	IHLGF4000400	72195.00
	8	IHLGF4000800	83065.00
	12	IHLGF4001200	123665.00



* The outgoings number of ways is the number of “G” Frame FP MCCBs that can be mounted. In case of SP MCCBs the number of MCCBs shall be four times the number of way in FP O/G MCCBs.

** Maximum ratings are indicated for the incoming MCCBs however lower ratings in the same frame can be ordered. Outgoing spreader link for MCCB are available on request.

The above prices are for bare enclosures only, incoming and outgoing MCCBs have to be ordered separately.

Accessories : Cable Alley for ‘G’ / ‘A’ Frame Panel Boards - Outgoing TP MCCB,

Incomer ‘A’ & ‘L’ Frame MCCB

HSN Code: 85389000

Description*	Double Door Item Code	Per Unit LP (₹)
Cable Alley I/C 250 A,O/G 3P GF 2/4Way	ISSBOU0690	18905.00
Cable Alley I/C 250 A,O/G 3P GF 6WAY & 4P 2/4Way	ISSBOU0691	24960.00
Cable Alley I/C 250 A,O/G 3P GF 8WAY & 4P 6Way	ISSBOU0692	26175.00
Cable Alley I/C 250 A,O/G 4P GF 8Way	ISSBOU0694	27980.00
Cable Alley I/C 250 A,O/G 3P GF 16Way & 4P 12Way	ISSBOU0696	33280.00
Cable Alley I/C 400 A,O/G 3P GF 2/4Way	ISSBOU0697	21625.00
Cable Alley I/C 400 A,O/G 3P GF 6WAY & 4P 2/4Way	ISSBOU0698	21625.00
Cable Alley I/C 400 A/630 A, O/G 3P GF 8Way, 4P 6Way & A/F 6Way	ISSBOU0699	29425.00
Cable Alley I/C 400 A,O/G 3P GF 12Way	ISSBOU0700	33280.00
Cable Alley I/C 400 A/630 A, O/G 4P GF 8Way & TP A/F 8Way	ISSBOU0701	34795.00
Cable Alley I/C 400 A/630, O/G 4P GF 12Way, TP GF 16Way & TP A/F 12Way	ISSBOU0702	36305.00

* Each set of Cable Alley consists of two numbers, one each on LHS and RHS.

‘A’ Frame Panel Boards, O/G TP MCCBs

HSN Code: 85371000

Incomer**	Outgoing* (No. of Ways)	Double Door Item Code	Per Unit LP (₹)
400 A “LS” Frame MCCB	8	IHLA04000800	101265.00
	12	IHLA04001200	129295.00
630 A “L” Frame MCCB	8	IHLA06300800	111290.00
	12	IHLA06301200	143885.00

* The outgoing number of ways is the number of “A” Frame TP MCCBs that can be mounted.

** Maximum ratings are indicated for the incoming MCCBs however lower ratings in the same frame can be ordered. Outgoing spreader link for MCCB are available on request.

The above prices are for bare enclosures only, incoming and outgoing MCCBs have to be ordered separately.

Terminal for G & A Frame Outgoing

HSN Code: 85389000

Description	Item Code	Per Unit LP (₹)
Terminal for G Frame Outgoing (Per Pole)	ISCCUPBOP151	125.00
Terminal for A Frame Outgoing (Per Pole)	ISCCUPBOP167	335.00

Pre-Wired Meter Module with Voltmeter, Ammeter, Selector Switch, Ct’s Control Fuse & Indicating Lights

HSN Code: 85389000

Description	Double Door Item Code	Per Unit LP (₹)
Prewire Meter Module - Analog	ISSBOU0706	22010.00
Meter Module - Digital	ISSBOU0707	27495.00

Bare Meter Module / MCB Module / Add on Module

HSN Code: 85389000

Description	Double Door Item Code	Per Unit LP (₹)
Meter Module - Analog Provision for Ammeter, Voltmeter - Analog with selector switch	ISSBOU0703	9425.00
MCB Module	ISSBOU0704	
Add on Module	ISSBOU0705	

Ammeter, Voltmeter, Selector Switch, Control Fuses, Indicating Lights, MCBs etc. have to be ordered separately and are at extra cost. The above prices are for bare module enclosures only.

Add on Incoming Changeover Switch Enclosure only**

HSN Code: 85389000

Description	Item Code	Per Unit LP (₹)
250 A Incoming change Over switch-F1	ISSBOU0708	15225.00
400 A & 630 A Incoming change Over switch - F2	ISSBOU0709	22375.00

** The above prices are for bare module enclosures only.

Add on Incoming Changeover Switch with Enclosure

HSN Code: 85389000

Description	Item Code	Per Unit LP (₹)
250 A Incoming change Over switch-F1	ISSBOU0712	60620.00
400 A Incoming change Over switch - F2	ISSBOU0713	80335.00
630 A Incoming change Over switch - F3	ISSBOU0714	89830.00

Add on Incoming Automatic Changeover Switch with Enclosure

HSN Code: 85371000

Description	Item Code	Per Unit LP (₹)
100 A ATS FITT. ENCL P.SAFE	ISSBOU1128	160890.00
125 A ATS FITT. ENCL P.SAFE	ISSBOU1129	168425.00
250 A ATS FITT. ENCL P.SAFE	ISSBOU1126	234425.00

Busbar Chambers - (Wall Mounted)

Busbar made of ETP Grade Copper

HSN Code: 85369030

Current Rating (A)	No. of	Item Code	Per Unit LP (₹)
63 A	4 WAY	IHBC006304 ▲	11285.00
100 A	4 WAY	IHBC010004 ▲	13535.00
200 A	4 WAY	IHBC020004 ▲	16940.00
250 A	4 WAY	IHBC025004 ▲	26450.00
315 A	4 WAY	IHBC031504 ▲	29290.00
400 A	4 WAY	IHBC040004 ▲	31645.00



▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.



HSN Code: 85365090

Open Enclosure			
Frame	Rating (A)	Catalogue Code	Per Unit LP (₹)
IS00 ▲	40 A	IHCCFO0040	6515.00
	63 A	IHCCFO0063	6515.00
	100 A	IHCCFO0100	8725.00
	125* A	IHCPFO0125	11145.00
IS02 ▲	125 A	IHCCFO0125	13035.00
	160 A	IHCCFO0160	13970.00
	200 A	IHCCFO0200	16750.00
	250* A	IHCPFO0250	18605.00
IS04 ▲	250 A	IHCCFO0250	24475.00
	315 A	IHCCFO0315	25855.00
	400* A	IHCPFO0400	28445.00
IS06 ▲	400 A	IHCCFO0400	37360.00
	630 A	IHCCFO0630	44390.00
	800* A	IHCPFO0800	51045.00

SS Enclosure Version			
Frame	Rating (A)	Catalogue Code	Per Unit LP (₹)
IS00	40 A	IHCCFE0040	9885.00
	63 A	IHCCFE0063 ▲	9885.00
	100 A	IHCCFE0100 ▲	12395.00
	125* A	IHCPFE0125 ▲	14720.00
IS02 ▲	125 A	IHCCFE0125	18150.00
	160 A	IHCCFE0160	19810.00
	200 A	IHCCFE0200	22590.00
	250* A	IHCPFE0250	24505.00
IS04 ▲	250 A	IHCCFE0250	31715.00
	315 A	IHCCFE0315	33095.00
	400* A	IHCPFE0400	35685.00
IS06 ▲	400 A	IHCCFE0400	49625.00
	630 A	IHCCFE0630	56655.00
	800* A	IHCPFE0800	63315.00

*Compact Design (For AC 22 A application)

Accessories



Castell Lock



Auxiliary Switch



Direct Handle Conversion Kit

HSN Code: 85389000

Code	Item Description	Per Unit LP (₹)
ISSCNX0218	Castell Lock Frame IS00	3110.00
ISSCNX0217	Castell Lock Frame IS02 / IS04 / IS06	3110.00
ISCELQOX0074	Auxiliary Switch Assembly 2NO 2NC Frame IS00	760.00
ISCELQOX0076	Auxiliary Switch Assembly 2NO 2NC Frame IS02, IS04 & IS06	995.00
ISSCNX0235	Direct Handle IS00	615.00
ISSCNX0221	Direct Handle IS02-IS04-IS06	1785.00



HSN Code: 85371000

Open Enclosure			
Frame	Rating (A)	Catalogue Code	Per Unit LP (₹)
IS02	125 A	IHLFNAO125	49820.00
	160 A	IHLFNAO160 ▲	50745.00
	200 A	IHLFNAO200 ▲	53515.00
	250* A	IHLFNAO25D ▲	55180.00
IS04	250 A	IHLFNAO250 ▲	72480.00
	315 A	IHLFNAO315	73840.00
	400* A	IHLFNAO40D ▲	76395.00
IS06	400 A	IHLFNAO400 ▲	92090.00
	630 A	IHLFNAO630 ▲	99020.00
	800* A	IHLFNAO80D	105580.00

SS Enclosure Version			
Frame	Rating (A)	Catalogue Code	Per Unit LP (₹)
IS02	125 A	IHLFNAE125	58415.00
	160 A	IHLFNAE160	59345.00
	200 A	IHLFNAE200	62120.00
	250* A	IHLFNAE25D	63785.00
IS04	250 A	IHLFNAE250	82295.00
	315 A	IHLFNAE315	83655.00
	400* A	IHLFNAE40D	86205.00
IS06	400 A	IHLFNAE400	107485.00
	630 A	IHLFNAE630	114415.00
	800* A	IHLFNAE80D	120975.00

*Compact Design (For AC 22 A application)

▲ Stockable Item
For details on technical parameters & non stockable items contact nearest sales office.

Accessories



**MTSE to RTSE
Conversion Kit**



**RTSE Enclosure
(with IP 32)**



**RTSE Enclosure
(with IP 43)***

HSN Code: 85389000

	Code	Item Description	Per Unit LP (₹)
MTSE to RTSE Conversion Kit	ISSCNX0214	MOTOR MODULE FRAME IS02	37280.00
	ISSCNX0213	MOTOR MODULE FRAME IS04	48795.00
	ISSCNX0212	MOTOR MODULE FRAME IS06	55920.00
RTSE Enclosure (with IP 32)	ISSCNX0204	Enclosure Frame IS02	POR
	ISSCNX0205	Enclosure Frame IS04	
	ISSCNX0206	Enclosure Frame IS06	
RTSE Enclosure (with IP 43)	ISSCNX0256	Enclosure Frame IS02	POR
	ISSCNX0257	Enclosure Frame IS04	
	ISSCNX0258	Enclosure Frame IS06	

*Available on request

Instaprime Automatic Transfer Switch ▲

Four Pole, AC-32B / AC - 33B*, 50 Hz, 415 V
Automatic/Manual Range

HSN Code: 85371000

Rating (A)	Open Execution Item Code	Per Unit LP (₹)	Cat. no. 4 pole (Close Execution)	Per Unit LP (₹)
63 A	IHRFBAO063	29605.00	IHRFBAE063	31990.00
100 A	IHRFBAO100	32130.00	IHRFBAE100	34505.00
125 A	IHRFBAO125	36395.00	IHRFBAE125	38765.00

* Up to 63 A



Instaline Automatic Transfer Switch ▲

Four Pole, AC-31A, 50 Hz, 415 V
Automatic/Manual with complete protection

HSN Code: 85371000

Rating A	Item Code 4P	Per Unit LP (₹)	Item Code 4P	Per Unit LP (₹)
	Open Execution		With Enclosure	
100 A	IHYFCDO100	62720.00	IHYFCDE100	76650.00
125 A	IHYFCDO125	67290.00	IHYFCDE125	80555.00
160 A	IHYFCDO160	74265.00	IHYFCDE160	88590.00
200 A	IHYFCDO200	89725.00	IHYFCDE200	103375.00
250 A	IHYFCDO250	100630.00	IHYFCDE250	114680.00
315 A	IHYFCDO315	105200.00	IHYFCDE315	118845.00
400 A	IHYFCDO400	120425.00	IHYFCDE400	144190.00
630 A	IHYFCDO630	154535.00	IHYFCDE630	177825.00



ATS Wire Harness

HSN Code: 85389000

Item Code	Per Unit LP (₹)
ISSYAX0201	3940.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Euroload (ON-Load) Changeover Switch (4 Pole) I-0-II

(Conforms to IS/IEC:60947-3)

HSN Code: 85365090

Frame Size	Rating (A)	Open Execution Item Code	Per Unit LP (₹)	SS Enclosure Item Code	Per Unit LP (₹)
00	040 A	IHCNFO0040	6575.00	IHCNFE0040	9885.00
00	063 A	IHCNFO0063 ▲	6575.00	IHCNFE0063 ▲	9885.00
00	100 A	IHCNFO0100 ▲	8815.00	IHCNFE0100 ▲	12395.00
0	125 A	IHCNFO0125 ▲	13160.00	IHCNFE0125 ▲	18150.00
0	160 A	IHCNFO0160 ▲	14095.00	IHCNFE0160 ▲	19810.00
0	200 A	IHCNFO0200 ▲	16910.00	IHCNFE0200 ▲	22590.00
1	250 A	IHCNFO0250 ▲	24705.00	IHCNFE0250 ▲	31715.00
1	320 A	IHCNFO0320 ▲	26100.00	IHCNFE0320 ▲	33095.00
2	400 A	IHCNFO0400 ▲	37720.00	IHCNFE0400 ▲	49625.00
2	630 A	IHCNFO0630 ▲	45250.00	IHCNFE0630 ▲	57205.00
3	800 A	IHCNFO0800 ▲	67090.00	IHCNFE0800 ▲	85225.00
4	1000 A	IHCNFO1000 ▲	116460.00	IHCNFE1000 ▲	158315.00
4	1250 A	IHCNFO1250 ▲	154615.00	IHCNFE1250 ▲	211940.00
4	1600 A	IHCNFO1600 ▲	184140.00	IHCNFE1600 ▲	284615.00
5	2000 A	IHCNFO2000	296050.00	IHCNFE2000	389160.00
5	2500 A	IHCNFO2500	392655.00	IHCNFE2500	496835.00
5	3150 A	IHCNFO3150	537570.00	IHCNFE3150	673085.00



Note :
Phase Barriers & Handle with door interlock kit is integral part of the Changeover Switch.
Aux. contacts for signalling and electrical interlocking are optional and provided at extra price.

Euroload By Pass Switch

Conforms to IS:13947 (Part-3); IEC:60947-3

Four Pole, 415 V

HSN Code: 85365090

Frame Size	Current Rating (A)	Open Execution Item Code	Per Unit LP (₹)
00	063 A	IHCBFO0063 ▲	11910.00
00	100 A	IHCBFO0100 ▲	14045.00
0	125 A	IHCBFO0125 ▲	17895.00
0	160 A	IHCBFO0160 ▲	21315.00
0	200 A	IHCBFO0200 ▲	22925.00
1	250 A	IHCBFO0250 ▲	33810.00
1	320 A	IHCBFO0320 ▲	35720.00
2	400 A	IHCBFO0400 ▲	51630.00
2	630 A	IHCBFO0630 ▲	61335.00
3	800 A	IHCBFO0800 ▲	91810.00
3	1000 A	IHCBFO1000 ▲	163800.00
3	1600 A	IHCBFO1600 ▲	259005.00

Accessories

HSN Code: 85389000

Aux. Contact	Item Code	Per Unit LP (₹)
1 NO. 1 NC.	IHCNFAC1CO	455.00
2 NO. 2 NC.	IHCNFAC2CO	615.00



▲ Stockable Item
For details on technical parameters & non stockable items contact nearest sales office.

Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS** 41

Euroload Switch Disconnecter

(Conforms to IS/IEC:60947-3)

Three Pole, 415 V

HSN Code: 85365090

Frame Size	Current Rating A	Open Execution Item Code	Per Unit LP (₹)	SS Enclosure Item Code	Per Unit LP (₹)
0	80 A	IHCSTO0080	2240.00	IHCSTE0080	3480.00
0	100 A	IHCSTO0100	3390.00	IHCSTE0100	4820.00
0	125 A	IHCSTO0125	4515.00	IHCSTE0125	5860.00
0	160 A	IHCSTO0160	5370.00	IHCSTE0160	7410.00
0	200 A	IHCSTO0200	6110.00	IHCSTE0200	7565.00
1	250 A	IHCSTO0250	7700.00	IHCSTE0250	9805.00
1	320 A	IHCSTO0320 ▲	8455.00	IHCSTE0320	10755.00
1	400 A	IHCSTO0400 ▲	12180.00	IHCSTE0400	14670.00



Euroload Switch Disconnecter

Four Pole, 415 V

HSN Code: 85365090

Frame Size	Current Rating A	Open Execution Item Code	Per Unit LP (₹)	SS Enclosure Item Code	Per Unit LP (₹)
00	40 A	IHCSFO0040	1640.00	IHCSFE0040	2685.00
00	63 A	IHCSFO0063	1850.00	IHCSFE0063	2930.00
00	100 A	IHCSFO0100	4420.00	IHCSFE0100	5400.00
0	125 A	IHCSFO0125	4705.00	IHCSFE0125	5955.00
0	160 A	IHCSFO0160 ▲	5635.00	IHCSFE0160	6880.00
0	200 A	IHCSFO0200 ▲	6805.00	IHCSFE0200	8215.00
1	250 A	IHCSFO0250 ▲	8605.00	IHCSFE0250	11160.00
1	320 A	IHCSFO0320	9440.00	IHCSFE0320	11850.00
2	400 A	IHCSFO0400 ▲	13090.00	IHCSFE0400	16360.00
2	630 A	IHCSFO0630 ▲	15130.00	IHCSFE0630	18650.00
3	800 A	IHCSFO0800 ▲	22560.00	IHCSFE0800	26610.00
4	1000 A	IHCSFO1000 ▲	34125.00	IHCSFE1000	48345.00
4	1250 A	IHCSFO1250 ▲	51255.00	IHCSFE1250	58160.00
4	1600 A	IHCSFO1600 ▲	70530.00	IHCSFE1600	78205.00
5	2000 A	IHCSFO2000	80830.00	IHCSFE2000	102965.00
5	2500 A	IHCSFO2500	104890.00	IHCSFE2500	134775.00
5	3150 A	IHCSFO3150	147960.00	IHCSFE3150	191545.00



▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Kompact *plus* Switch Disconnecter Fuse

(Conforms to IS/IEC:60947- Part 1 & 3)

Switch Disconnecter Fuse (Panel Mounting Cubicle Type) - AC-23 A, 50 Hz, 415 V
Kompact Plus



HSN Code: 85371000

Rating A	Pole	Type of Fuse	With / Without Fuse	Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Suitable Fuse
				Open Execution		In Sheet Steel Encl.		
32 A	TPN	Bolted Type	With 3 Fuses	IHKDTF4032 ▲	3045.00	IHKDTW4032 ▲	4910.00	IHHTIA0032
63 A				IHKDTF4063 ▲	4190.00	IHKDTW4063 ▲	6070.00	IHHTSS0063
100 A				IHKDTF4100 ▲	8485.00	IHKDTW4100 ▲	10250.00	IHHTSD0100
125 A				IHKDTF4125 ▲	10755.00	IHKDTW4125 ▲	12590.00	IHHTSD0125
32 A		Bolted Type	Without Fuse	IHKDTO4032 ▲	2650.00	IHKDTE4032	4515.00	IHHTIA0032
63 A				IHKDTO4063	3710.00	IHKDTE4063	5590.00	IHHTSS0063
100 A				IHKDTO4100 ▲	7485.00	IHKDTE4100	9255.00	IHHTSD0100
125 A				IHKDTO4125	9760.00	IHKDTE4125	11600.00	IHHTSD0125
32 A	FP	Bolted Type	With 4 Fuses	IHKDFF4032	4160.00	IHKDFW4032	6150.00	IHHTIA0032
63 A				IHKDFF4063	5310.00	IHKDFW4063	7305.00	IHHTSS0063
100 A				IHKDFF4100	10645.00	IHKDFW4100	12645.00	IHHTSD0100
125 A				IHKDFF4125	12835.00	IHKDFW4125	14915.00	IHHTSD0125
32 A		Bolted Type	Without Fuse	IHKDFO4032	3640.00	IHKDFE4032	5630.00	IHHTIA0032
63 A				IHKDFO4063	4665.00	IHKDFE4063	6660.00	IHHTSS0063
100 A				IHKDFO4100	9300.00	IHKDFE4100	11310.00	IHHTSD0100
125 A				IHKDFO4125	11505.00	IHKDFE4125	13590.00	IHHTSD0125
32 A	TPN	DIN Type	With 3 Fuses	IHKFTF4032	4340.00	IHKFTW4032	5805.00	IHHCD00032
63 A				IHKFTF4063 ▲	5520.00	IHKFTW4063 ▲	7140.00	IHHCD00063
100 A				IHKFTF4100	9440.00	IHKFTW4100 ▲	11265.00	IHHCD00100
125 A				IHKFTF4125 ▲	11955.00	IHKFTW4125 ▲	13780.00	IHHCD00125
32 A		DIN Type	Without Fuse	IHKFTO4032 ▲	2870.00	IHKFTE4032	4330.00	IHHCD00032
63 A				IHKFTO4063	3990.00	IHKFTE4063	5615.00	IHHCD00063
100 A				IHKFTO4100	7760.00	IHKFTE4100	9585.00	IHHCD00100
125 A				IHKFTO4125	10255.00	IHKFTE4125	12090.00	IHHCD00125
32 A	FP	DIN Type	With 4 Fuses	IHKFFF4032	5905.00	IHKFFW4032	7470.00	IHHCD00032
63 A				IHKFFF4063	7130.00	IHKFFW4063	8835.00	IHHCD00063
100 A				IHKFFF4100	12210.00	IHKFFW4100	14135.00	IHHCD00100
125 A				IHKFFF4125	13380.00	IHKFFW4125	15270.00	IHHCD00125
32 A		DIN Type	Without Fuse	IHKFFO4032	3935.00	IHKFFE4032	5495.00	IHHCD00032
63 A				IHKFFO4063	5090.00	IHKFFE4063	6805.00	IHHCD00063
100 A				IHKFFO4100	9975.00	IHKFFE4100	11910.00	IHHCD00100
125 A				IHKFFO4125	11120.00	IHKFFE4125	13010.00	IHHCD00125

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS** 43

Kompact *plus* Switch Disconnecter Fuse Unit

(Conforms to IS/IEC:60947- Part 1 & 3)

Switch Disconnecter Fuse (Panel Mounting Cubicle Type) - AC-23 A, 50 Hz, 415 V
Kompact EZO



TPN

HSN Code: 85371000

Rating A	Pole	Type of Fuse		Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Suitable Fuse		
				Open Execution		In Sheet Steel Encl.				
160 A	TPN	Bolted Type	With 3 Fuses	IHFSTF4160 ▲	12230.00	IHFSTW4160 ▲	15785.00	IHHTSF0160		
200 A				IHFSTF4200 ▲	15910.00	IHFSTW4200 ▲	19385.00	IHHTSF0200		
250 A				IHFSTF4250 ▲	18730.00	IHFSTW4250 ▲	22085.00	IHHTSF0250		
320 A				IHFSTF4320 ▲	23065.00	IHFSTW4320 ▲	27025.00	IHHTSK0315		
400 A				IHFSTF4400 ▲	29120.00	IHFSTW4400 ▲	32875.00	IHHTSMF400		
630 A				IHFSTF4630 ▲	48660.00	IHFSTW4630 ▲	52485.00	IHHTLM0630		
800 A				IHFSTF4800	57490.00	IHFSTW4800 ▲	61270.00	IHHTLM0800		
160 A				Bolted Type	Without Fuse	IHFSTO4160	10680.00	IHFSTE4160	14240.00	IHHTSF0160
200 A		IHFSTO4200	14340.00			IHFSTE4200	17820.00	IHHTSF0200		
250 A		IHFSTO4250	17040.00			IHFSTE4250	20400.00	IHHTSF0250		
320 A		IHFSTO4320	20870.00			IHFSTE4320	24835.00	IHHTSK0315		
400 A		IHFSTO4400	25000.00			IHFSTE4400	28755.00	IHHTSMF400		
630 A		IHFSTO4630	40300.00			IHFSTE4630	44115.00	IHHTLM0630		
800 A		IHFSTO4800	48070.00			IHFSTE4800	51845.00	IHHTLM0800		
160 A		DIN Type	With 3 Fuses			IHFKTF4160	13520.00	IHFKTW4160 ▲	16795.00	IHHCD01160
200 A				IHFKTF4200 ▲	16505.00	IHFKTW4200 ▲	20530.00	IHHCD01200		
250 A				IHFKTF4250 ▲	19350.00	IHFKTW4250 ▲	23155.00	IHHCD01250		
320 A				IHFKTF4320 ▲	24225.00	IHFKTW4320 ▲	27930.00	IHHCD02315		
400 A				IHFKTF4400 ▲	28810.00	IHFKTW4400 ▲	32505.00	IHHCD02400		
630 A				IHFKTF4630 ▲	46265.00	IHFKTW4630 ▲	50220.00	IHHCD03630		
160 A				DIN Type	Without Fuse	IHFKTO4160	11040.00	IHFKTE4160	14315.00	IHHCD01160
200 A						IHFKTO4200	14035.00	IHFKTE4200	18050.00	IHHCD01200
250 A		IHFKTO4250	16560.00			IHFKTE4250	20370.00	IHHCD01250		
320 A		IHFKTO4320	20600.00			IHFKTE4320	24300.00	IHHCD02315		
400 A	IHFKTO4400	24915.00	IHFKTE4400			28595.00	IHHCD02400			
630 A	IHFKTO4630	40115.00	IHFKTE4630			44080.00	IHHCD03630			
800 A	IHFKTO4800	43930.00	IHFKTE4800			48950.00	IHHCD03800			

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

44 HAVELLS Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions

Kompact *plus* Switch Disconnecter Fuse

(Conforms to IS/IEC:60947- Part 1 & 3)

Four Pole

HSN Code: 85371000

Rating A	Pole	Type of Fuse		Item Code	Per Unit LP (₹)	Item Code	Per Unit LP (₹)	Suitable Fuse
				Open Execution		In Sheet Steel Encl.		
160 A	FP	Bolted Type	With 4 Fuses	IHFSFF4160	16770.00	IHFSFW4160	20190.00	IHHTSF0160
200 A				IHFSFF4200	19705.00	IHFSFW4200	22940.00	IHHTSF0200
250 A				IHFSFF4250	22585.00	IHFSFW4250	25695.00	IHHTSF0250
320 A				IHFSFF4320	26095.00	IHFSFW4320	29635.00	IHHTSK0315
400 A				IHFSFF4400	32035.00	IHFSFW4400	36160.00	IHHTSMF400
630 A				IHFSFF4630	53535.00	IHFSFW4630	57735.00	IHHTLM0630
800 A				IHFSFF4800	63235.00	IHFSFW4800	67390.00	IHHTLM0800
160 A		Bolted Type	Without Fuse	IHFSFO4160	14710.00	IHFSFE4160	18140.00	IHHTSF0160
200 A				IHFSFO4200	17625.00	IHFSFE4200	20870.00	IHHTSF0200
250 A				IHFSFO4250	20325.00	IHFSFE4250	23440.00	IHHTSF0250
320 A				IHFSFO4320	23170.00	IHFSFE4320	27315.00	IHHTSK0315
400 A				IHFSFO4400	27500.00	IHFSFE4400	31630.00	IHHTSMF400
630 A				IHFSFO4630	44320.00	IHFSFE4630	48520.00	IHHTLM0630
800 A				IHFSFO4800	52875.00	IHFSFE4800	57025.00	IHHTLM0800
160 A		DIN Type	With 4 Fuses	IHFKFF4160	15945.00	IHFKFW4160	18995.00	IHHCD01160
200 A				IHFKFF4200	20075.00	IHFKFW4200	23140.00	IHHCD01200
250 A				IHFKFF4250	21290.00	IHFKFW4250	25465.00	IHHCD01250
320 A				IHFKFF4320	26650.00	IHFKFW4320	30730.00	IHHCD02315
400 A				IHFKFF4400	31700.00	IHFKFW4400	35745.00	IHHCD02400
630 A				IHFKFF4630	53835.00	IHFKFW4630	57410.00	IHHCD03630
800 A				IHFKFF4800	63340.00	IHFKFW4800	67390.00	IHHCD03800
160 A		DIN Type	Without Fuse	IHFKFO4160	12635.00	IHFKFE4160	15700.00	IHHCD01160
200 A				IHFKFO4200	16775.00	IHFKFE4200	19840.00	IHHCD01200
250 A				IHFKFO4250	18215.00	IHFKFE4250	22395.00	IHHCD01250
320 A	IHFKFO4320			22665.00	IHFKFE4320	26745.00	IHHCD02315	
400 A	IHFKFO4400			27410.00	IHFKFE4400	31455.00	IHHCD02400	
630 A	IHFKFO4630			45650.00	IHFKFE4630	49215.00	IHHCD03630	
800 A	IHFKFO4800			53340.00	IHFKFE4800	58315.00	IHHCD03800	

Accessories

HSN Code: 85389000

Cat Code	Description	Per Unit LP (₹)
ISSCBX0001	1 NO-NC SWITCH FOR SDF (32A-125A)	655.00
ISSCBX0002	1 NO-NC SWITCH FOR SDF (160A-800A)	780.00
ISSCBX0003	2 NO-NC SWITCH FOR SDF (32A-125A)	1180.00
ISSCBX0004	2 NO-NC SWITCH FOR SDF 160A-800A)	1305.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

HiBreak HBC Fuse Link

(Conforms to IS: 13703-1 & 2-1 / IEC:60269-1 & 2-1)

DIN Fuse Bases (Fixed Type)

Specification: IEC: 60269-1 & 2-1 / IS: 13703-1 & 2-1.

HSN Code: 85361020

Rated A	Item Code	Type	Fuse Type	Per Unit LP (₹)	STD Packing No. of unit/s
160 A	IHUC00O160 ▲	Open Type Fuse Base	CD-00	540.00	6 N



i Base - DIN Fuse Bases (Fixed Type)

Specification: IEC: 60269-1 & 2-1 / IS: 13703-1 & 2-1.

HSN Code: 85361020

Rated A	Item Code	Type	Fuse Type	Per Unit LP (₹)	STD Packing No. of unit/s
250 A	IHIC01O250 ▲	Open Type Fuse Base	CD-1	1075.00	3 N
400 A	IHIC02O400 ▲	Open Type Fuse Base	CD-2	1730.00	3 N
630 A	IHIC03O630 ▲	Open Type Fuse Base	CD-3	2015.00	3 N
800 A	IHIC03O800	Open Type Fuse Base	CD-3	2015.00	3 N



▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

HiBreak HBC Fuse Link

(Conforms to IS: 13703-1 & 2-1 / IEC:60269-1 & 2-1)



Bolted Type HRC Fuse - 80 kA, 415 V

IS Size	Tag Type	BS Type	Rating (A)	Item Code	Per Unit LP (₹)	STD Packing No. of unit/s
HSN Code: 85361010						
F-1	Offset	NS	2 A	IHHNS00002	90.00	20 N
			4 A	IHHNS00004		
			6 A	IHHNS00006		
			10 A	IHHNS00010 ▲		
HSN Code: 85361020						
F-1	Offset	NS	16 A	IHHNS00016	90.00	20 N
			20 A	IHHNS00020	100.00	
			25 A	IHHNS00025		
			32 A	IHHNS00032		
A-2	Offset	TIA	16 A	IHHTIA0016	125.00	10 N
			20 A	IHHTIA0020		
			25 A	IHHTIA0025		
			32 A	IHHTIA0032 ▲		
A-3	Offset	TSS	40 A	IHHTSS0040	155.00	10 N
			50 A	IHHTSS0050		
			63 A	IHHTSS0063 ▲		
A-4	Offset	TSD	80 A	IHHTSD0080	340.00	10 N
			100 A	IHHTSD0100 ▲		
			125 A	IHHTSD0125 ▲		
B-1	Central	TSDC	80 A	IHHTSDC080	345.00	10 N
			100 A	IHHTSDC100		
			125 A	IHHTSDC125		
B-2	Central	TSF	160 A	IHHTSF0160	500.00	10 N
			200 A	IHHTSF0200 ▲	540.00	
			250 A	IHHTSF0250 ▲		
B-3	Central	TSK	315 A	IHHTSK0315 ▲	710.00	3 N
B-4	Central	TSMF	400 A	IHHTSMF400 ▲	1330.00	3 N
C-1	Central	TSMS	400 A	IHHTSMS400		3 N
C-2	Central	TTS	400 A	IHHTTS0400	1520.00	1 N
C-2	Central	TLM	630 A	IHHTLM0630 ▲	2705.00	1 N
C-2	Central	TLM	800 A	IHHTLM0800	3015.00	1 N



DIN Type HRC Fuse - 80 kA, 415 V

IS Size	Rating (A)	Item Code	Per Unit LP (₹)	STD Packing No. of unit/s		
HSN Code: 85361020						
000	32 A	IHHCD11032	420.00	3 N		
	63 A	IHHCD11063	430.00			
	100 A	IHHCD11100	460.00			
HSN Code: 85361010						
00	6 A	IHHCD00006	470.00	3 N		
	10 A	IHHCD00010				
HSN Code: 85361020						
00	16 A	IHHCD00016	470.00	3 N		
	25 A	IHHCD00025 ▲				
	32 A	IHHCD00032 ▲				
	40 A	IHHCD00040 ▲	490.00			
	50 A	IHHCD00050				
	63 A	IHHCD00063 ▲				
	80 A	IHHCD00080	540.00			
	100 A	IHHCD00100 ▲				
	125 A	IHHCD00125 ▲				
	160 A	IHHCD00160 ▲	580.00			
	01	100 A	IHHCD01100 ▲		790.00	3 N
		125 A	IHHCD01125			
160 A		IHHCD01160 ▲	800.00			
200 A		IHHCD01200 ▲				
250 A		IHHCD01250 ▲	895.00			
02	250 A	IHHCD02250	1160.00	1 N		
	315 A	IHHCD02315 ▲				
	350 A	IHHCD02350	1245.00			
	400 A	IHHCD02400 ▲				
03	500 A	IHHCD03500 ▲	1915.00	1 N		
	630 A	IHHCD03630 ▲	1960.00			
	800 A	IHHCD03800	2420.00			

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

HGS - Trusted Global Range

Contactors, Overload Relays & MPCBs

Motor Control Solutions for higher Safety, Reliability & Performance



HGS - 3 Pole Contactor
Ratings - 9 A to 800 A (AC-3)



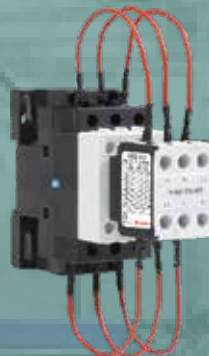
HGS - 4 Pole Contactor
Ratings - 16 A to 60 A (AC-1)



HGS - 2 Pole Contactor
Ratings - 9 A to 100 A (AC-3)



HGST - Thermal Overload Relay
Ratings - 0.12 A to 800 A



Capacitor Duty Contactor
Ratings - 3 kVAr to 66 kVAr



HGS - R Contactor
Ratings - 9 A to 100 A



Motor Protection
Circuit Breaker
Ratings - 0.1 A to 32 A



Motor Protection
Circuit Breaker
Ratings - 0.1 A to 63 A

Contactor HGS 9 - 800 AF

- 3 Pole Power Contactors
- Wide band Operating Coils
- Finger proof IP 20 terminals
- Suitable for AC-4 (Inching & Plugging, e.g. Crane Duty) and other critical application
- CE Marking & Compliance to IS/IEC 60947-4-1
- High Electrical and Mechanical Durability with Higher operating frequency (Operations / Hour)
- Electrical Durability Curves available
- Low VA Burden coils with Class H Insulation
- Dust free covers
- Terminal Barrier and Shrouds
- In-built Auxiliary Contacts
- DIN Channel Mounting upto 100 A (Frame 1 to 4)

Contactor (HGS)



Overload Relay (HGST)



18 AF

40 AF

65 AF

100 AF

HGS
Rated Current
Rated Operational
Voltage

9 A, 12 A, 18 A, 22 A
690 V

25 A, 32 A, 40 A
690 V

50 A, 65 A
690 V

75 A, 85 A, 100 A
690 V

HGST
Setting Current

0.12 A - 18 A

7 A - 40 A

7 A - 65 A

17 A - 100 A

Thermal Overload Relays HGST 9 - 800 AF

- Overload Relays
- Trip Class - 10 A
- Automatic Reset / Manual Reset
- Test Button for emergency stop
- Phase loss Protection
- Accelerated tripping on single phasing condition
- IP20 terminals
- Sealable Protection Cover



150 AF

265 AF

500 AF

800 AF

115 A, 130 A, 150 A
1000 V

185 A, 225 A, 265 A
1000 V

300 A, 400 A, 500 A
1000 V

630 A, 800 A
1000 V

48 A - 150 A

48 A - 265 A

90 A - 500 A

378 A - 800 A

Magnetic Contactor

3 Pole Power Contactors



Features:

- AC Coil up to Frame-4 and AC/DC Universal coil with SMART ECM (Electronic Control Module) in-built for Frame-5 to Frame-8
- Conforms to IS / IEC 60947-4-1
- Finger proof IP20 terminals
- Low VA Burden Wide operating band coils with Class H Insulation

HSN Code: 85369090

Frame Size	AC-3 Duty Rating at 415 V, 50 Hz	AC-1 Duty Rating at 415 V, 50 Hz	Power Poles	In-built Auxilliary Contacts		Type	Item Code	Per Unit LP (₹)
	I _e A	I _{th} A		NO	NC			
1	9 A ▲	25 A	3	1	0	HGS 9	IHPHA009110*	1315.00
	9 A ▲	25 A	3	0	1	HGS 9	IHPHA009101*	1315.00
	12 A ▲	30 A	3	1	0	HGS 12	IHPHA012110*	1530.00
	12 A ▲	30 A	3	0	1	HGS 12	IHPHA012101*	1530.00
	18 A ▲	40 A	3	1	0	HGS 18	IHPHA018110*	1770.00
	18 A ▲	40 A	3	0	1	HGS 18	IHPHA018101*	1770.00
	22 A ▲	40 A	3	1	0	HGS 22	IHPHA022110*	1910.00
	22 A	40 A	3	0	1	HGS 22	IHPHA022101*	1910.00
2	25 A ▲	45 A	3	1	0	HGS 25	IHPHA025210*	2465.00
	25 A ▲	45 A	3	0	1	HGS 25	IHPHA025201*	2465.00
	32 A ▲	55 A	3	1	0	HGS 32	IHPHA032210*	4690.00
	32 A ▲	55 A	3	0	1	HGS 32	IHPHA032201*	4690.00
	40 A ▲	60 A	3	1	0	HGS 40	IHPHA040210*	6985.00
	40 A ▲	60 A	3	0	1	HGS 40	IHPHA040201*	6985.00
3	50 A ▲	70 A	3	2	2	HGS 50	IHPHA050300*	9435.00
	65 A ▲	85 A	3	2	2	HGS 65	IHPHA065300*	11815.00
4	75 A ▲	110 A	3	2	2	HGS 75	IHPHA075400*	14145.00
	85 A ▲	125 A	3	2	2	HGS 85	IHPHA085400*	16670.00
	100 A ▲	135 A	3	2	2	HGS 100	IHPHA100400*	24030.00
5	115 A	160 A	3	2	2	HGS 115	IHPHA115500*	29625.00
	130 A	180 A	3	2	2	HGS 130	IHPHA130500*	30500.00
	150 A	210 A	3	2	2	HGS 150	IHPHA150500*	37170.00
6	185 A	275 A	3	2	2	HGS 185	IHPHA185600*	42990.00
	225 A	315 A	3	2	2	HGS 225	IHPHA225600*	46725.00
	265 A	350 A	3	2	2	HGS 265	IHPHA265600*	52595.00
7	300 A	400 A	3	2	2	HGS 300	IHPHA300700*	64590.00
	400 A	500 A	3	2	2	HGS 400	IHPHA400700*	80765.00
	500 A	550 A	3	2	2	HGS 500	IHPHA500700*	116340.00
8	630 A	750 A	3	2	2	HGS 630	IHPHA630800*	181500.00
	800 A	900 A	3	2	2	HGS 800	IHPHA800800*	292835.00

Coil Voltage Selection Table

*To complete the Item Code suffix the coil voltage from the coil voltage table
 Note: 1. For additional aux. contacts front/side mounted and mechanical interlock - refer accessories table on page no. 54
 2. Standard Spare coil are available on request on page no 54

ECM* - Electronic Control Module
 Note : For other coil voltages, Contact to nearest branch
 To avoid Coil burning due to Neutral Floaring conditions, either use Wide band Coils or make use of 415 V Coils

Frame Size	AC Coil Codes for Nominal Voltage at 50/60 Hz			
	H	N	Wide Band Coils	
			S	W
1	110 V	240 V	150 V - 300 V ▲	260 V - 440 V ▲
2	110 V	240 V	150 V - 300 V ▲	260 V - 440 V ▲
3	110 V	240 V		260 V - 440 V ▲
4	110 V	240 V		260 V - 440 V ▲
	AC/DC Universal Coil with in-built ECM* Module 240 V N		AC Coil Y	AC Coil T
5, 6, 7	100 V AC -240 V AC & 110 V DC -220 V DC		240 V AC	415 V AC
8	200 V AC -240 V AC & 200 V DC -220 V DC		240 V AC	415 V AC

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Magnetic Contactor

4 Pole Power Contactors with AC Coil



Features:

- AC-1 Ratings up to 60 A
- Conforms to IS / IEC 60947-4-1
- Common Accessories with HGS Range
- Finger proof IP20 terminals
- Completely Shield for dusty atmosphere
- Low VA Burden Wide operating band coils with Class H Insulation

HSN Code: 85369090

Frame Size	AC 1 Duty	Power Poles	Item Code	Per Unit LP (₹)	Power Poles	Item Code	Per Unit LP (₹)
1	16 A	4NO	IHPHC016100*	1570.00	2NO + 2NC	IHPHC016122*	1730.00
	20 A	4NO	IHPHC020100*	1610.00	2NO + 2NC	IHPHC020122*	1770.00
	25 A	4NO	IHPHC025100*	1740.00	2NO + 2NC	IHPHC025122*	1970.00
	32 A ▲	4NO	IHPHC032100*	1780.00	2NO + 2NC	IHPHC032122*	2040.00
	40 A	4NO	IHPHC040100*	2685.00	2NO + 2NC	IHPHC040122*	2900.00
2	50 A	4NO	IHPHC050200*	3505.00	2NO + 2NC	IHPHC050222*	3930.00
	60 A ▲	4NO	IHPHC060200*	6685.00	2NO + 2NC	IHPHC060222*	7500.00

*To complete the Item Code suffix the coil voltage from the coil voltage table
Note: Coil S & W is not available for - 2 NO + 2 NC

Magnetic Contactor

Aux Contactor / Control Relay - HGS Series with AC Coil

Features:

- Common Accessories with HGS Range
- Suitable for use upto 690 V AC
- Compliance to IEC 60947-5-1
- High Thermal current of $I_{th} = 16 A$
- Finger proof IP20 terminals
- Low VA Burden Wide operating band coils with Class H Insulation



HSN Code: 85369090

Frame size	I_{th}	Contact arrangement		Type	Item Code	Per Unit LP (₹) with AC Coil
		NO	NC			
1	16 A	2	2	HGR 22	IHHAC22*	1255.00
		3	1	HGR 31	IHHAC31*	
		4	0	HGR 40	IHHAC40*	
		0	4	HGR 04	IHHAC04*	
		1	3	HGR 13	IHHAC13*	

*To complete the Item Code suffix the coil voltage from the coil voltage table
Note: Control relay is not available in wide band

Magnetic Contactor

HGS 2 Pole Contactor with AC Coil

Features:

- Common Accessories with HGS Range
- Compliance to IEC 60947-4-1



HSN Code: 85369090

Frame Size	AC-3 Duty Rating at 415 V, 50 Hz	AC-1 Duty Rating at 415 V, 50 Hz	Power Poles	In-built Auxilliary Contacts		Item Code	Per Unit LP (₹)
	I_e A	I_{th} A		NO	NC		
1	9 A	25 A	2	0	0	IHPHF009100*	990.00
	12 A	30 A	2	0	0	IHPHF012100*	1150.00
	18 A ▲	40 A	2	0	0	IHPHF018100*	1330.00
	22 A	40 A	2	0	0	IHPHF022100*	1435.00
2	25 A	45 A	2	0	0	IHPHF025200*	1555.00
	32 A	55 A	2	0	0	IHPHF032200*	3280.00
	40 A	60 A	2	0	0	IHPHF040200*	4890.00
3	50 A	70 A	2	0	0	IHPHF050300*	6135.00
	65 A ▲	85 A	2	0	0	IHPHF065300*	8890.00
4	75 A	110 A	2	0	0	IHPHF075400*	10185.00
	85 A	125 A	2	0	0	IHPHF085400*	12360.00
	100 A	135 A	2	0	0	IHPHF100400*	15890.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 53**

Magnetic Contactor

3 Pole HGS - R Contactor



Features:

- 3Pole AC3 duty contactor 9 A - 100 A
- Specially Designed for AC1/AC3 Duty contactor.
- Extra Wide Band Coil with Class H insulation.
- Common accessories for both HGS contactor & HGS R contactor.
- In built Auxiliary 2NO+2NC contact in Frame 3 & 4.
- Suitable for ring terminal in all ratings.
- Finger proof IP 20 terminals.

HSN Code: 85369090

Frame Size	AC-3 Duty Rating at 415 V, 50 Hz	AC-1 Duty Rating at 415 V, 50 Hz	Power Poles	In-built Auxilliary Contacts		Type	Item Code	Per Unit LP (₹)
	I _e A	I _{th} A		NO	NC			
1	9 A ▲	25 A	3	1	0	HGSR 9	IHPRA009110*	1185.00
	9 A	25 A	3	0	1	HGSR 9	IHPRA009101*	1185.00
	12 A ▲	30 A	3	1	0	HGSR 12	IHPRA012110*	1380.00
	12 A	30 A	3	0	1	HGSR 12	IHPRA012101*	1380.00
	18 A ▲	40 A	3	1	0	HGSR 18	IHPRA018110*	1605.00
	18 A	40 A	3	0	1	HGSR 18	IHPRA018101*	1605.00
	22 A ▲	40 A	3	1	0	HGSR 22	IHPRA022110*	1720.00
	22 A	40 A	3	0	1	HGSR 22	IHPRA022101*	1720.00
2	25 A ▲	45 A	3	1	0	HGSR 25	IHPRA025210*	2275.00
	25 A	45 A	3	0	1	HGSR 25	IHPRA025201*	2275.00
	32 A ▲	55 A	3	1	0	HGSR 32	IHPRA032210*	4220.00
	32 A	55 A	3	0	1	HGSR 32	IHPRA032201*	4220.00
	40 A ▲	60 A	3	1	0	HGSR 40	IHPRA040210*	6290.00
	40 A	60 A	3	0	1	HGSR 40	IHPRA040201*	6290.00
3	50 A ▲	70 A	3	2	2	HGSR 50	IHPRA050322*	8495.00
	65 A ▲	85 A	3	2	2	HGSR 65	IHPRA065322*	10640.00
4	75 A ▲	110 A	3	2	2	HGSR 75	IHPRA075422*	12730.00
	85 A ▲	125 A	3	2	2	HGSR 85	IHPRA085422*	15005.00
	100 A ▲	135 A	3	2	2	HGSR 100	IHPRA100422*	21625.00

Coil Voltage Selection Table

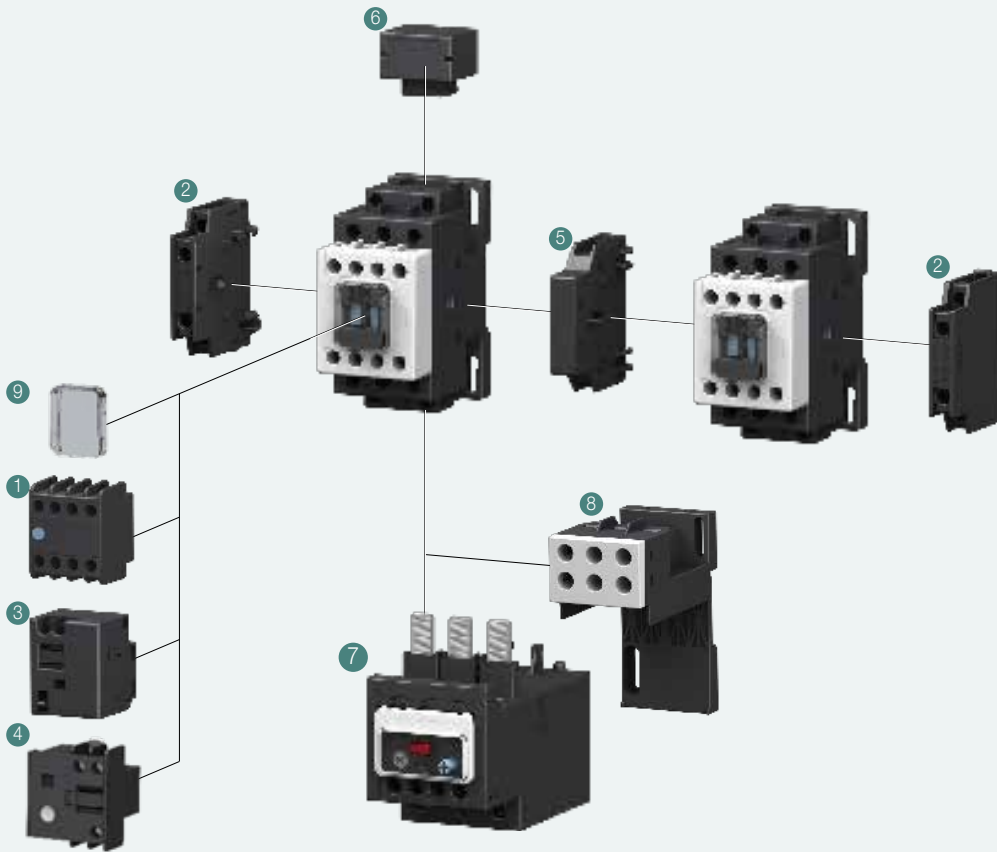
*To complete the Item Code suffix the coil voltage from the coil voltage table
 Note: 1. For additional aux. contacts front/side mounted and mechanical interlock - refer accessories table on page no. 54
 2. Standard Spare coil are available on request on page no 54

Note : For other coil voltages, Contact to nearest branch
 To avoid Coil burning due to Neutral Floaring conditions, use Wide band Coils

Frame Size	AC Coil Codes for Nominal Voltage at 50/60 Hz			
	H	N	Wide Band Coils	
			S	W
1	110 V	240 V	150 V - 300 V ▲	260 V - 440 V ▲
2	110 V	240 V	150 V - 300 V ▲	260 V - 440 V ▲
3	110 V	240 V	-	260 V - 440 V ▲
4	110 V	240 V	-	260 V - 440 V ▲

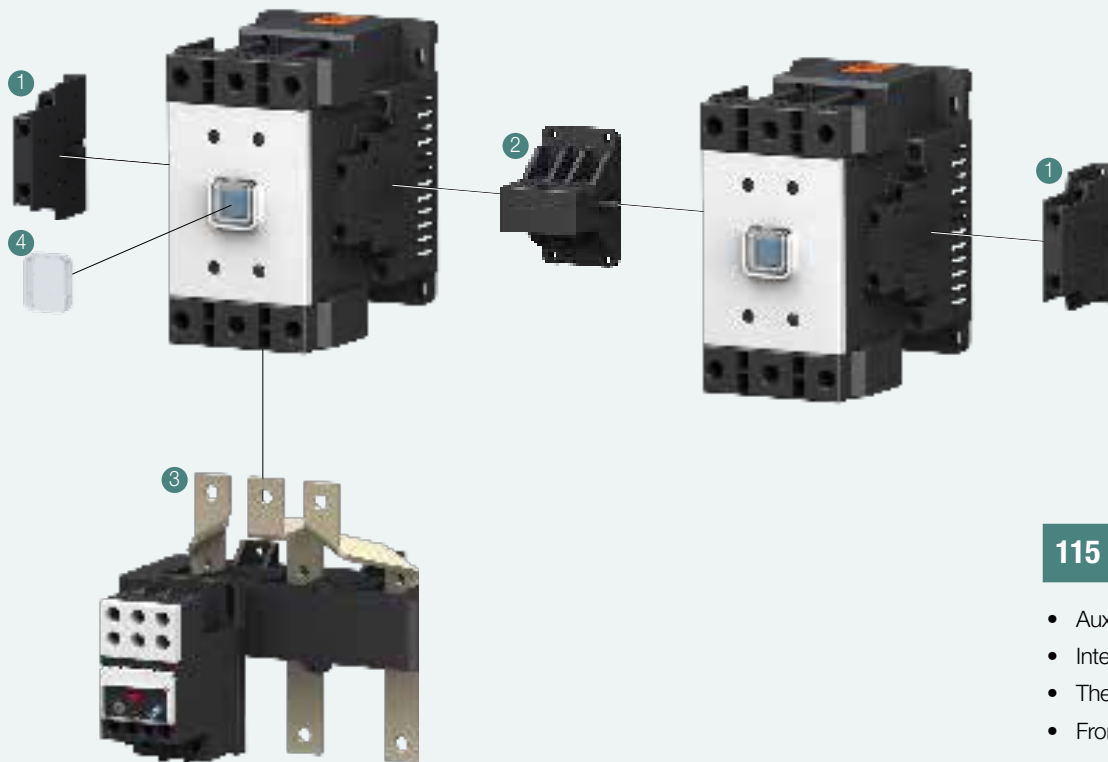
▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.



9 - 100 AF

- Auxiliary Contact Block (Front Side) HGS TB
- Auxiliary Contact Block (Left/Right Side) HGS SB
- Mechanical Latching Block HGS LB 100
- Timer HGS ET
- Interlock Unit HGS IU
- Surge Absorber HGS RC/CD
- Thermal Overload Relay HGST
- Separate Mounting Base HGSTMB
- Front Safety Cover



115 - 800 AF

- Auxiliary Contact Block HGS SB
- Interlock Unit HGS IU
- Thermal Overload Relay HGST
- Front Safety Cover

Accessories - HGS Series Contactors



HSN Code: 85389000

Description	Configuraton	Suitable for	Item Code	Per Unit LP (₹)
Aux Contact Block (Side Mounting)	1NO + 1NC ▲	HGS 9-HGS 40 (For all contactors in Frame-1 and Frame-2)	ISSPCU1969	805.00
		HGS50-HGS 100 (For all contactors in Frame-3 and Frame-4)	ISSPCU1970	
		HGS115- HGS 800	ISSPCU1971	955.00
Aux Contact Block (Top Mounting)	2NC	HGS9-HGS100 (For all contactors in Frame-1 to Frame-4)	ISSPCU1961	500.00
	1NO + 1NC ▲		ISSPCU1962	
	2NO		ISSPCU1963	
	4NC		ISSPCU1964	835.00
	1NO + 3NC		ISSPCU1965	
	2NO + 2NC ▲		ISSPCU1966	
	3NO + 1NC		ISSPCU1967	
4NO	ISSPCU1968			
Mechanical Interlock Unit		HGS 9-HGS 40 ▲ (For all contactos in Frame-1 and Frame-2)	ISSPCU1972	1090.00
		HGS50-HGS 100 (For all contactors in Frame-3 and Frame-4)	ISSPCU1973	2560.00
		HGS115- HGS 265	ISSPCU1974	4540.00
		HGS 300- HGS 800	ISSPCU1975	5140.00
Mechanical Latching Block (Top Mounting)	220 V AC	HGS 9-HGS 100 (For all contactors in Frame-1 to Frame-4)	ISSPCU1976	2570.00
Electronic Timer (Top Mounting)		HGS 9-HGS 100 (For all contactors in Frame-1 to Frame-4)	ISSPCU1977	3475.00
Surge Absorber* (Surge Suppressor Type RC)	220 V - 240 V AC	HGS 9-HGS 100 (For all contactors in Frame-1 to Frame-4)	ISSPCU1984	2195.00

- One contactor of Frame-1 and another contactor of Frame-2 can also be interlocked using this Mechanical Interlock Unit.

*Contact to nearest branch - ● For other voltages in RC type surge suppressors ● For other type of surge suppressors

Spare Coils - HGS Contactors (Refer Frame Sizes in Respective Contactor Table)

HSN Code: 85389000

Suitable for	Coil Type	Voltage	Item Code	Per Unit LP (₹)
"For all Frame-1 Contactors (HGS 9 to HGS 22)"	AC	110 V	ISSPCU1987	725
		240 V	ISSPCU1989	
		415 V	ISSPCU2050	
		150 V-300 V	ISSPCU2215	
		260 V-440 V	ISSPCU2134	
"For all Frame-2 Contactors (HGS 25-HGS 40)"	AC	110 V	ISSPCU1995	725
		240 V	ISSPCU1997	
		415 V	ISSPCU2053	
		150 V-300 V	ISSPCU2216	
		260 V-440 V	ISSPCU2135	
"For all Frame-3 Contactors (HGS 50-HGS 65)"	AC	110 V	ISSPCU2003	2345
		240 V	ISSPCU2005	
		415 V	ISSPCU2007	
		260 V-440 V	ISSPCU2136	
"For all Frame-4 Contactors (HGS 75-HGS 100)"	AC	110 V	ISSPCU2011	2705
		240 V	ISSPCU2013	
		415 V	ISSPCU2015	
		260 V-440 V	ISSPCU2137	
"For Frame-5 Contactors (HGS 115-HGS 150)"		100 Vac-240 Vac	ISSPCU1979	7310
		110 Vdc -220 Vdc		
		380 Vac-450 Vac		
"For Frame-6 Contactors (HGS 185-HGS 265)"		100 Vac-240 Vac	ISSPCU1980	10350
		110 Vdc -220 Vdc		
		380 Vac-450 Vac		
"For Frame-7 Contactors (HGS 300-HGS 500)"		100 Vac-240 Vac	ISSPCU1981	13460
		110 Vdc -220 Vdc		
		380 Vac-450 Vac		
"For Frame-8 Contactors (HGS 630-HGS 800)"		110 Vac-127 Vac	ISSPCU2480	27585
		100 Vdc -110 Vdc		
		200 Vac-240 Vac	ISSPCU1982	
		200 Vdc -220 Vdc		
		380 Vac-450 Vac	ISSPCU2104	

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Thermal Over Load Relay (Auto/ Manual Reset) - HGST Series



Features:

- Range : 0.12 A – 800 A available in 8 Frames, Trip class - 10 A
- Conforms to IS/IEC 60947-4-1
- Protection against overload & phase loss protection
- Auto / manual reset facility
- Contactor mounting / Individual mounting with adaptor
- Transparent protection cover for dust application

HSN Code: 85364900

Relay Fr. size	Relay Range (A)	Suitable for Contactor Frame size	Type	Item Code	Per Unit LP (₹)	
1	0.12 A - 0.18 A	HGS 9 HGS 12 HGS 18 HGS 22	HGST 18	IHHR13CA	2220.00	
	0.18 A - 0.26 A			IHHR13CB		
	0.25 A - 0.35 A			IHHR13CC		
	0.34 A - 0.5 A			IHHR13CD		
	0.5 A - 0.7 A			IHHR13CE		
	0.6 A - 0.9 A			IHHR13CF		
	0.8 A - 1.2 A			IHHR13CG		
	1.1 A - 1.6 A ▲			IHHR13CH		
	1.5 A - 2.1 A ▲			IHHR13CJ		
	2 A - 3 A ▲			IHHR13CZ		
	2.8 A - 4.2 A ▲			IHHR13CK		
	3 A - 5 A ▲			IHHR13CL		
	4 A - 6 A ▲			IHHR13CM		
	5.6 A - 8 A ▲			IHHR13CN		
6 A - 9 A ▲	IHHR13CP	2255.00				
8 A - 12 A ▲	IHHR13CR	2480.00				
12 A - 18 A ▲	IHHR13CT	2480.00				
2	7 A - 10.0 A	HGS 25 HGS 32 HGS 40	HGST 40	IHHR23CQ	2480.00	
	8 A - 12.0 A			IHHR23CR		
	12 A - 18 A ▲			IHHR23CT		
	15 A - 22 A ▲			IHHR23CU		
	17 A - 25 A ▲			IHHR23CV		2770.00
	22 A - 32 A ▲			IHHR23CW		3505.00
28 A - 40 A	IHHR23CX	3635.00				
3	7 A - 10.0 A	HGS 50 HGS 65	HGST 65	IHHR33CQ	4340.00	
	8 A - 12.0 A			IHHR33CR		
	12 A - 18 A			IHHR33CT		
	15 A - 22 A			IHHR33CU		
	17 A - 25 A			IHHR33CV		
	22 A - 32 A			IHHR33CW		
	28 A - 40 A			IHHR33CX		5145.00
	34 A - 50 A ▲			IHHR33CY		
	45 A - 65 A			IHHR33C1		6125.00

Relay Fr. size	Relay Range (A)	Suitable for Contactor Frame size	Type	Item Code	Per Unit LP (₹)
4	17 A - 25 A	HGS 75 HGS 85 HGS 100	HGST 100	IHHR43CV	5040.00
	22 A - 32 A			IHHR43CW	
	28 A - 40 A			IHHR43CX	
	34 A - 50 A			IHHR43CY	
	45 A - 65 A			IHHR43C1	6380.00
	52 A - 75 A			IHHR43C2	
	59 A - 85 A			IHHR43C3	
	70 A - 100 A			IHHR43C4	
5	48 A - 80 A	HGS 115 HGS 130 HGS 150	HGST 150	IHHR53C5	10640.00
	69 A - 115 A			IHHR53C6	
	78 A - 130 A			IHHR53C7	
	90 A - 150 A			IHHR53C8	
6	48 A - 80 A	HGS 185 HGS 225 HGS 265	HGST 265	IHHR63C5	11430.00
	69 A - 115 A			IHHR63C6	
	78 A - 130 A			IHHR63C7	
	90 A - 150 A			IHHR63C8	
	111 A - 185 A			IHHR63C9	
	135 A - 225 A			IHHR63C11	
159 A - 265 A	IHHR63C12	13880.00			
7	90 A - 150 A	HGS 300 HGS 400 HGS 500	HGST 500	IHHR73C8	13890.00
	111 A - 185 A			IHHR73C9	
	135 A - 225 A			IHHR73C11	
	159 A - 265 A			IHHR73C12	
	180 A - 300 A			IHHR73C13	
	240 A - 400 A			IHHR73C14	
	300 A - 500 A			IHHR73C15	
8	378 A - 630 A	HGS 630 HGS 800	HGST 800	IHHR83C16	38025.00
	480 A - 800 A			IHHR83C17	

Relay Adapter

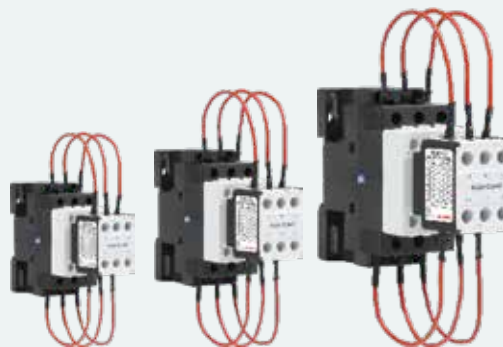
HSN Code: 85389000

Suitable for	Item code	Per Unit LP (₹)
For all Frame-1 Contactors (HGS 9 to HGS 22)	ISSPCU2681	405.00
For all Frame-2 Contactors (HGS 25 to HGS 40)	ISSPCU2682	545.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Magnetic Contactor Capacitor Duty Contactor



Features:

- Range : 3 kVAr to 66 kVAr
- De-latching Type design of Resistor Switching Block
- Low VA Burden Wide operating band coils with Class H Insulation
- Common accessories with HGS Range
- High Operating Frequency - 240 Operations per hour
- Handle high inrush current capability
- Utilization category AC-6b
- Finger proof IP20 terminals

HSN Code: 85369090

Frame Size	kVAr Rating AC-6b		Inst. Aux. Contact		Item Code	Per Unit LP (₹)
	415 V / 440 V		NO	NC		
1	3 kVAr ▲		1	0	IHPHE003110*	2835.00
	3 kVAr		0	1	IHPHE003101*	2835.00
	5 kVAr ▲		1	0	IHPHE005110*	2975.00
	5 kVAr		0	1	IHPHE005101*	2975.00
	10 kVAr ▲		1	0	IHPHE010110*	3600.00
	10 kVAr		0	1	IHPHE010101*	3600.00
	12.5 kVAr		1	0	IHPHE12X110*	4070.00
	12.5 kVAr		0	1	IHPHE12X101*	4070.00
	15 kVAr ▲		1	0	IHPHE015110*	4985.00
	15 kVAr		0	1	IHPHE015101*	4985.00
2	20 kVAr ▲		1	0	IHPHE020210*	5480.00
	20 kVAr		0	1	IHPHE020201*	5480.00
	25 kVAr ▲		1	0	IHPHE025210*	6245.00
	25 kVAr		0	1	IHPHE025201*	6245.00
	33.3 kVAr ▲		1	0	IHPHE33X210*	9055.00
	33.3 kVAr		0	1	IHPHE33X201*	9055.00
3	33.3 kVAr		1	1	IHPHE33X311*	10915.00
	40 kVAr		2	2	IHPHE040322*	16775.00
4	50 kVAr ▲		2	2	IHPHE050422*	17455.00
	66 kVAr ▲		2	2	IHPHE066422*	20475.00

*To complete the Item Code suffix the coil voltage from the coil voltage table
33.3 kVAr contactor in Frame-3 can be used where higher terminal capacity is required.

Coil Voltage Selection Table

3 kVAr - 66 kVAr AC Coil

Product	110 V AC	240 V AC	415 V AC	150 V AC - 300 V AC	260 V AC - 440 V AC
HGS Capacitor Duty Contactor (3 kVAr - 66 kVAr)	H	N ▲	T	S ▲	W

▲ Stockable Item
For details on technical parameters & non stockable items contact nearest sales office.

#For Power Quality Solution
kindly refer to page 83 & above



Scan for HGS Catalogue



Scan for Type-2
Co-ordination Charts



Electronic Motor Protection Relay

NEW

Range

- Wide Current Setting-0.5 A - 60 A (Single Relay)

Product Feature

- Control Voltage – 100 V AC - 240 V AC / DC (50 Hz - 60 Hz) (Universal Coil)
- User Convenience
- Microprocessor based Control (32-bit ARM Core MCU)
- Wide Frequency Range (30 Hz to 200 Hz)
- Run-time alert function
- IEC 60947-4-1 Standard
- Communication with RS-485 Port/Modbus (Optional)
- Inbuilt display / Door mounting display



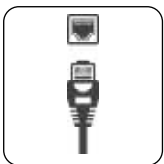
Display Information

- Real-time load current, Real-time load rate, parameters during operation, total running hours.



Protection Function

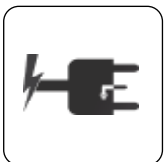
- Over-current & Under- Current protection
- Phase Failure
- Phase Unbalancing
- Earth Leakage
- Reverse Phase
- Instantaneous & Ground Fault Protection



Communication with RS-485 Port



Run-time alert function



Earth Leakage



User Convenience



Ground Fault Protection



Wide range frequency

Motor Protection Circuit Brekers

MPCB Push button version	Rotary MPCB Fr 1	Rotary MPCB Fr 2
HGSM : Thermal Magnetic, 0.1 A - 32 A ■ Short Circuit + Overload Protection ■ Icu= 100 kA upto 10 A, Icu=15 kA for 9 A - 25 A & Icu= 10 kA for 24 A - 32 A	■ HGSTMR : Thermal Magnetic, 0.1 A - 63 A ■ Short Circuit Protection + Overload Protection ■ Fr 1 - Icu= 100 kA upto 6.3 A & Icu= 50 kA from 6.3 A - 32 A Fr 2 - Icu= 50 kA from 11 A - 63 A	■ HGSMR : Magnetic, 0.16 A - 63 A ■ Short Circuit Protection ■ Fr 1 - Icu= 100 kA from 0.16 A - 6.3 A & Icu= 50 kA from 10 A - 32 A Fr 2 - Icu= 50 kA from 16 A - 63 A

Range & Switching Capabilities

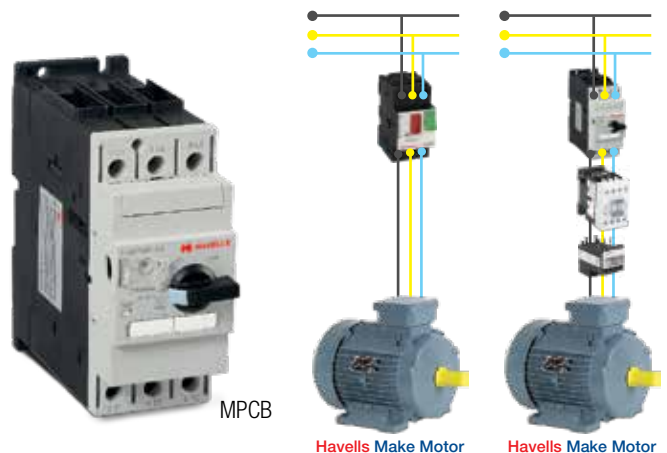
Type	Operating Method	Version	Protections Offered	Frame & Size	Ratings and Braking Capacity		
					→ 63 A → 32 A		
HGSM	Push-Button	Thermal Magnetic	OL, SC, Single Phasing	Fr-1 45 mm	0.1 A - 10 A 100 kA	9 A - 25 A 15 kA	24 A - 32 A 10 kA
HGSTMR	Rotary	Thermal Magnetic	OL, SC, Single Phasing	Fr-1 45 mm	0.1 A - 6.3 A 100 kA	6.3 A - 32 A 50 kA	
				Fr-2 55 mm	11 A - 63 A 50 kA		
HGSMR	Rotary	Magnetic	SC	Fr-1 45 mm	0.16 A - 6.3 A 100 kA	10 A - 32 A 50 kA	
				Fr-2 55 mm	16 A - 63 A 50 kA		

- ◆ Short circuit protection
- ◆ Over current protection
- ◆ Overload protection
- ◆ Phase loss protection
- ◆ Wide range of current adjustment dial

- ◆ Compact
- ◆ High breaking capacity
- ◆ Short circuit protective coordination
- ◆ Reduction in wiring work
- ◆ High switching durability
- ◆ Padlocking feature available
- ◆ Stand alone motor protection
- ◆ Common accessories

Circuit Breaker

Circuit Breaker

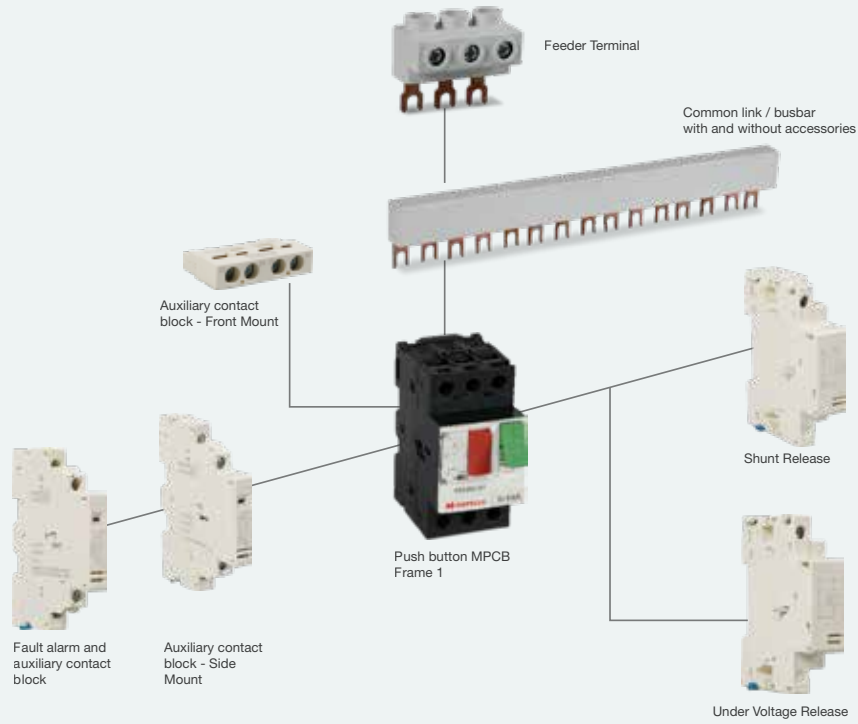


MPCB

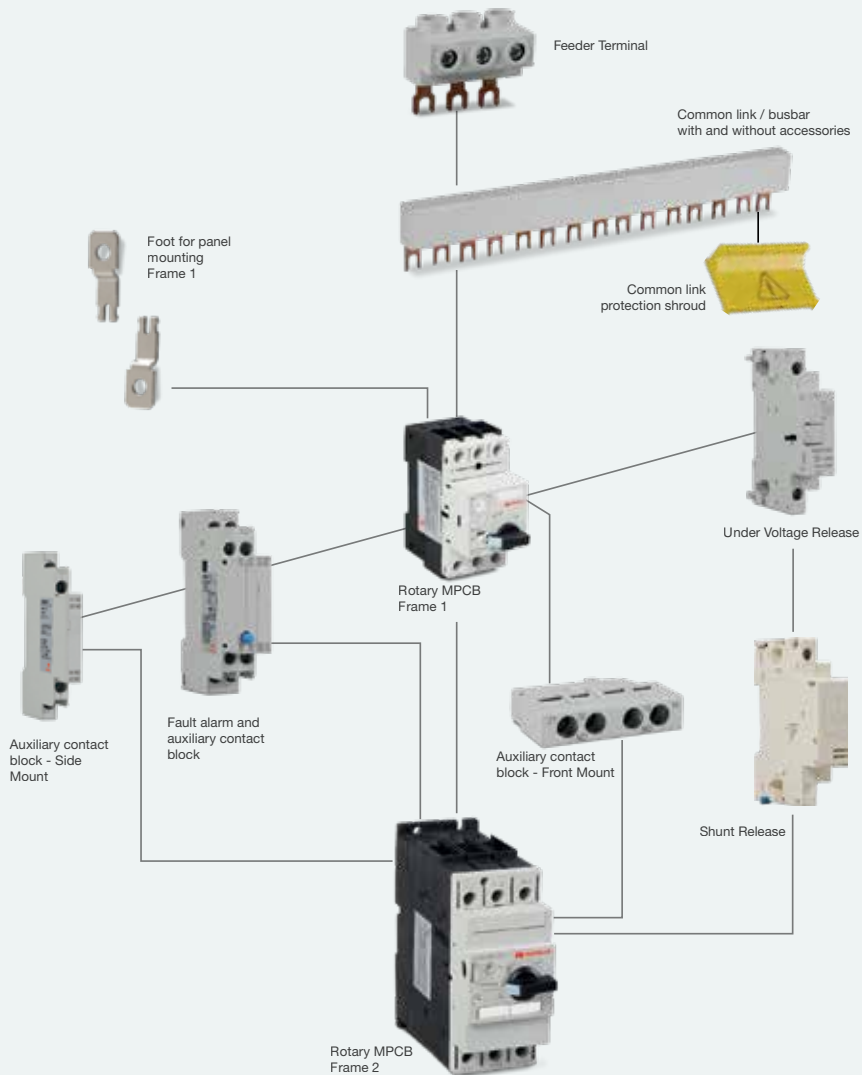
Havells Make Motor

Havells Make Motor

Accessories Overview : Push Button MPCB



Accessories Overview : Rotary MPCB



MPCB - Motor Protection Circuit Breaker - HGSM Series



MPCB specially coordinated for IE2, IE3 & IE4 Motors

Push Button Version*

Features:

- 1 Frame size - 45 mm width
- High Magnetic Setting - Makes it suitable for IE2, IE3 and IE4 Motors
- Tripping class: 10 A
- Mechanical Life: 100000 cycles
- Electrical Life: 100000 cycles
- Compliance to IEC 60947-2, IEC 60947-4-1
- Finger proof IP20 Terminals
- Lockable in OFF Position



HGSM - Thermal Magnetic Series

HSN Code: 85362090

Frame	Model	Breaking Capacity kA 415 V, 50 Hz	Current Rating	Item Code	Per Unit LP (₹)		
1	HGSM	100 kA	0.1 A - 0.16 A	IHHMPBA2A0	3230.00		
			0.16 A - 0.25 A	IHHMPBB2B0			
			0.25 A - 0.4 A	IHHMPBC2D0			
			0.4 A - 0.63 A	IHHMPBD2E0			
			0.63 A - 1 A	IHHMPBE2F0	3665.00		
			1 A - 1.6 A	IHHMPBF2G0			
			1.6 A - 2.5 A	IHHMPBG2R0			
			2.5 A - 4 A	IHHMPBH2I0			
		4 A - 6.3 A	IHHMPBJ2J0	3690.00			
		6.3 A - 10 A	IHHMPBK2K0				
		9 A - 14 A	IHHMPBL2L0				
		13 A - 18 A	IHHMPBN2M0				
		15 kA	17 A - 23 A	IHHMPBQ2T0	5515.00		
			20 A - 25 A	IHHMPBS2N0			
			10 kA	24 A - 32 A		IHHMPBT2P0	9620.00

Motor Protection Circuit Breaker - HGSM Series Accessories

HSN Code: 85389000

Description	Configuraton	Suitable for	Item Code	Per Unit LP (₹)
Aux Contact Block (Side Mounting)	2NO	HGSM MPCB	ISSPCU2414	865.00
	1NO + 1NC		ISSPCU2415	
Aux Contact Block (Top Mounting)	2NO		ISSPCU2412	865.00
	1NO + 1NC		ISSPCU2413	
UV Release	110 V AC		ISSPCU2406	2405.00
	240 V AC		ISSPCU2407	
	415 V AC		ISSPCU2408	
Shunt Release	110 V AC		ISSPCU2409	2405.00
	240 V AC		ISSPCU2410	
	415 V AC		ISSPCU2411	
Fault Alarm	1NC + 1NO		ISSPCU2416	1195.00
	1NC + 1NC		ISSPCU2417	
	1NO + 1NO		ISSPCU2418	
Water proof Box IP55			ISSPCU2419	1735.00
Emergency Water proof Box IP55			ISSPCU2420	1805.00



▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

MPCB Motor Protection Circuit Breaker - HGSTMR / HGSMR Series



MPCB specially coordinated for IE2, IE3 & IE4 Motors

Features:

- Rotary Version - 2 Frame Sizes, 45 mm and 55 mm width
- Thermal magnetic version - Range from 0.1 A - 63 A, Trip class 10
- Magnetic Only version - Range from 0.16 A - 63 A
- Rated Operational Voltage U_i : 690 V
- High Magnetic Setting - Makes it suitable for IE2, IE3 and IE4 Motors
- Compliance to IEC 60947-2 and IEC 60947-4-1
- Finger proof IP20 Terminals
- Lockable in OFF Position
- Suitable for DIN channel and Base Mounting both
- CE Marking



HGSTMR - Thermal Magnetic Series

HGSMR - Only Magnetic Series

HSN Code: 85362090

HSN Code: 85362090

Fr.	Model	Breaking Capacity kA 415 V, 50 Hz	Current Rating	Item Code	Per Unit LP (₹)		
1	HGSTMR - A1	100 kA	0.1 A - 0.16 A	IHHMROA1AT	4135.00		
		100 kA	0.16 A - 0.25 A	IHHMROB1BT	4135.00		
		100 kA	0.25 A - 0.4 A	IHHMROC1DT	4135.00		
		100 kA	0.4 A - 0.63 A	IHHMROD1ET	4135.00		
		100 kA	0.63 A - 1 A	IHHMROE1FT	4135.00		
		100 kA	1 A - 1.6 A	IHHMROF1GT	4720.00		
		100 kA	1.6 A - 2.5 A	IHHMROG1RT	4720.00		
		100 kA	2.5 A - 4 A	IHHMROH1IT	4720.00		
		100 kA	4 A - 6.3 A	IHHMROJ1JT	4720.00		
		50 kA	6.3 A - 10 A	IHHMROK1KT	5315.00		
		50 kA	10 A - 16 A	IHHMROM1MT	5315.00		
		50 kA	16 A - 20 A	IHHMROP1TT	6490.00		
		50 kA	20 A - 25 A	IHHMROS1NT	6490.00		
		50 kA	25 A - 32 A	IHHMROT1PT	11800.00		
		2	HGSTMR - A2	50 kA	11 A - 16 A	IHHMROM3MT	14160.00
				50 kA	14 A - 20 A	IHHMROP3TT	14160.00
50 kA	18 A - 25 A			IHHMROS3NT	14160.00		
50 kA	22 A - 32 A			IHHMROT3PT	18880.00		
50 kA	28 A - 40 A			IHHMROU3QT	18880.00		
50 kA	36 A - 45 A			IHHMROV3ST	18880.00		
50 kA	40 A - 50 A			IHHMROW3ST	18880.00		
50 kA	52 A - 63 A			IHHMROX3XT	18880.00		

Fr.	Model	Breaking Capacity kA 415 V, 50 Hz	Current Rating	Item Code	Per Unit LP (₹)		
1	HGSMR - A1	100 kA	0.16 A	IHHMROA1AM	3720.00		
		100 kA	0.25 A	IHHMROB1BM	3720.00		
		100 kA	0.4 A	IHHMROC1DM	3720.00		
		100 kA	0.63 A	IHHMROD1EM	3720.00		
		100 kA	1.0 A	IHHMROE1FM	3720.00		
		100 kA	1.6 A	IHHMROF1GM	4250.00		
		100 kA	2.5 A	IHHMROG1RM	4250.00		
		100 kA	4.0 A	IHHMROH1IM	4250.00		
		100 kA	6.3 A	IHHMROJ1JM	4250.00		
		50 kA	10 A	IHHMROK1KM	4785.00		
		50 kA	16 A	IHHMROM1MM	4785.00		
		50 kA	20 A	IHHMROP1TM	5845.00		
		50 kA	25 A	IHHMROS1NM	5845.00		
		50 kA	32 A	IHHMROT1PM	10625.00		
		2	HGSMR - A2	50 kA	16 A	IHHMROM3MM	12745.00
				50 kA	20 A	IHHMROP3TM	12745.00
50 kA	25 A			IHHMROS3NM	12745.00		
50 kA	32 A			IHHMROT3PM	16990.00		
50 kA	40 A			IHHMROU3QM	16990.00		
50 kA	45 A			IHHMROV3SM	16990.00		
50 kA	50 A			IHHMROW3SM	16990.00		
50 kA	63 A			IHHMROX3XM	16990.00		

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 63**

MPCB specially coordinated for IE2, IE3 & IE4 Motors



Motor Protection Circuit Breaker - HGSTMR / HGSMR Series Accessories

HSN Code: 85389000

Description	Configuraton	Suitable for	Item Code	Per Unit LP (₹)
Aux Contact Block (Side Mounting)	2NO	HGSTMR / HGSMR MPCB	ISSPDU0062	1415.00
	2NC		ISSPDU0061	1415.00
	1NO + 1NC		ISSPDU0063	1415.00
Fault Alarm + Aux Contact Block (Side Mounting)	2 NO + 2NC		ISSPDU0073	2950.00
Aux Contact Block (Top Mounting)	1NO + 1NC		ISSPDU0060	1180.00
UV Release	24 V AC / 28 V AC		ISSPDU0069	2835.00
	180 V AC		ISSPDU0066	2835.00
	208 V AC		ISSPDU0067	2835.00
	240 V AC		ISSPDU0064	2835.00
Shunt Release	100 V AC - 127 V AC		ISSPDU0071	2835.00
	20 V AC - 24 V AC	ISSPDU0070	2835.00	
	200 V AC - 240 V AC	ISSPDU0072	2835.00	
Operating Handle	HGSRHBG-A1 OPERATING HANDLE-ROT	ISSPDU0089	1535.00	
	HGSRHBG-A2 OPERATING HANDLE-ROT	ISSPDU0091	1890.00	
	HGSRHRY-A1 OPERATING HANDLE-ROT	ISSPDU0090	1535.00	
	HGSRHRY-A2 OPERATING HANDLE-ROT	ISSPDU0092	1890.00	
Enclosure	HGSREBG-A1 IP65/L ENCLOSURE-ROT	ISSPDU0076	4370.00	
	HGSREBG-A1 IP65/S ENCLOSURE-ROT	ISSPDU0074	3780.00	
	HGSRERY-A1 IP65/L ENCLOSURE-ROT	ISSPDU0077	4370.00	
	HGSRERY-A1 IP65/S ENCLOSURE-ROT	ISSPDU0075	3780.00	
Feeder Terminal	HGSRFT-A1 3P FEEDER TERMINALS	ISSPDU0079	945.00	
Terminal Barrier	HGSRBT-A1 3P TERMINAL BARRIER	ISSPDU0080	120.00	
Common Link	HGSRCL-A1 452MM COMMON LINK	ISSPDU0081	830.00	
	HGSRCL-A1 453MM COMMON LINK	ISSPDU0082	945.00	
	HGSRCL-A1 454MM COMMON LINK	ISSPDU0083	1120.00	
	HGSRCL-A1 455MM COMMON LINK	ISSPDU0084	1300.00	
	HGSRCL-A1 542MM COMMON LINK	ISSPDU0085	1005.00	
	HGSRCL-A1 543MM COMMON LINK	ISSPDU0086	1120.00	
	HGSRCL-A1 544MM COMMON LINK	ISSPDU0087	1300.00	
	HGSRCL-A1 545MM COMMON LINK	ISSPDU0088	1475.00	



▲ Stockable Item
For details on technical parameters & non stockable items contact nearest sales office.

Industrial Motor Starter - HGS



HGS - Trusted Global Range

Motor Starters

Motor Control Solutions for higher Safety, Reliability & Performance



DOL Starters
Ratings - 0.55 kW to 37 kW
(0.75 HP to 50 HP)



ASD Starters
Ratings - 3.7 kW to 110 kW
(5 HP to 150 HP)



ASD 3 ϕ Submersible Starters
Ratings - 22 kW to 37 kW
(30 HP to 50 HP)



ASD 3 ϕ Submersible Starters DLX
(with Short-circuit Protection)
Ratings - 22 kW to 37 kW
(30 HP to 50 HP)

Industrial Motor Starter - HGS

Direct Online Starter - HGS Series



Features:

- Range : 0.55 kW to 37 kW (0.75 HP to 50 HP)
- Conforms to IS/IEC 60947-4-1
- Provided with Protection Degree IP 54
- Extended wide band coil
- FRLS (Fire retardant low smoke) Internal wiring
- Starter Type - Air Break
- Class H Insulation

HSN Code: 85369010

HP	kW	Contactor Rating	Overload Relay Range (A)	Item Code	Per Unit LP (₹)
0.75 HP ▲	0.55 kW	12 A	1.5 A - 2.1 A	IHHDOLFATE	3805.00
1 HP	0.75 kW	12 A	2 A - 3 A	IHHDOLGAWE	
2 HP ▲	1.5 kW	12 A	2.8 A - 4.2 A	IHHDOLHAWAWE	
3 HP ▲	2.2 kW	12 A	4.0 A - 6.0 A	IHHDOLJAWAWE	
5 HP ▲	3.7 kW	12 A	6 A - 9 A	IHHDOLLAWE	
7.5 HP ▲	5.5 kW	18 A	12 A - 18 A	IHHDOLMAWE	4570.00
10 HP ▲	7.5 kW	22 A	12 A - 18 A	IHHDOLNAWE	
15 HP ▲	11 kW	32 A	17 A - 25 A	IHHDOLPBWE	7370.00
20 HP	15 kW	32 A	22 A - 32 A	IHHDOLWBW	11865.00
25 HP	18.5 kW	40 A	28 A - 40 A	IHHDOLXBW	14380.00
30 HP	22 kW	50 A	34 A - 50 A	IHHDOLYCW	18625.00
40 HP	30 kW	65 A	45 A - 65 A	IHHDOL1CT	23000.00
50 HP	37 kW	85 A	59 A - 85 A	IHHDOL3DT	26670.00

Fully Automatic Star-Delta Starter (ASD) - HGS Series



Features:

- Range : 3.7 kW to 110 kW (5 HP to 150 HP)
- Conforms to IS/IEC 60947-4-1
- Provided with Protection Degree IP 54
- Extended wide band coil
- FRLS (Fire retardant low smoke) Internal wiring
- Starter Type - Air Break
- Class H Insulation

HSN Code: 85369010

HP	kW	Contactor Size	Overload Relay Range (A)	Item Code	Per Unit LP (₹)
5 HP	3.7 kW	12 A	4.0 A - 6 A	IHHASDMAW	14730.00
7.5 HP	5.5 kW	18 A	6.0 A - 9 A	IHHASDNAW	14730.00
10 HP ▲	7.5 kW	18 A	8.0 A - 12 A	IHHASDRAW	14730.00
12.5 HP	9.3 kW	18 A	8.0 A - 12 A	IHHASDTAW	14935.00
15 HP ▲	11 kW	22 A	12 A - 18.0 A	IHHASDTBW	14995.00
20 HP ▲	15 kW	25 A	15 A - 22 A	IHHASDUBW	16875.00
25 HP ▲	18.5 kW	32 A	17 A - 25 A	IHHASDVWBW	18995.00
30 HP ▲	22 kW	32 A	22 A - 32 A	IHHASDWBW	20725.00
35 HP	26 kW	32 A	28 A - 40 A	IHHASDXBW	30760.00
40 HP	30 kW	50 A	28 A - 40 A	IHHASDXCW	42525.00
50 HP	37 kW	50 A	34 A - 50 A	IHHASDYCW	54175.00
60 HP	45 kW	50 A	45 A - 65 A	IHHASD1CWA	54175.00
75 HP	55 kW	65 A	45 A - 65 A	IHHASD1CWB	84775.00
90 HP	67.5 kW	85 A	59 A - 85 A	IHHASD3DW	99220.00
100 HP	75 kW	100 A	70 A - 100 A	IHHASD4DW	104105.00
125 HP	90 kW	115 A	78 A - 130 A	IHHASD7ET	143410.00
150 HP	110 kW	150 A	90 A - 150 A	IHHASD8ET	145475.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 67**

Automatic Star Delta Submersible Starter (STD) - HGS Series



Features:

- Range : 22 kW to 37 kW (30 HP to 50 HP)
- Conforms to IS/IEC 60947-4-1
- Provided with Protection Degree IP 54
- Extended wide band coil
- FRLS (Fire retardant low smoke) Internal wiring
- In-built metering
- Class H Insulation

HSN Code: 85369010

HP	kW	Full load Line Current	Full Load phase current	Contactor Size	Overload Relay Range (A)	Item Code	Per Unit LP (₹)
30 HP	22 kW	43.5 A	25.12 A	50 A	28 A - 40 A	IHHSSDXCW	42915.00
35 HP	26 kW	50.75 A	29.30 A	50 A	34 A - 50 A	IHHSSDYCWA	45480.00
40 HP	30 kW	58 A	33.49 A	65 A	34 A - 50 A	IHHSSDYCWB	50020.00
45 HP	33.6 kW	65.25 A	37.67 A	75 A	45 A - 65 A	IHHSSD1DW	62525.00
50 HP	37 kW	72.5 A	41.86 A	85 A	52 A - 75 A	IHHSSD2DW	68200.00

Automatic Star Delta Submersible Starter DLX (with short-circuit Protection) - HGS Series



Features:

- Range : 22 kW to 37 kW (30 HP to 50 HP)
- Conforms to IS/IEC 60947-4-1
- Provided with Protection Degree IP 54
- Extended wide band coil
- FRLS (Fire retardant low smoke) Internal wiring
- In-built metering & MCB
- Class H Insulation

HSN Code: 85369010












HP	kW	Full load Line Current	Full Load phase current	Contactor Size	Overload Relay Range (A)	TP MCB Rating (A)	Item Code	Per Unit LP (₹)
30 HP	22 kW	43.5 A	25.12 A	50 A	28 A - 40 A	100 A	IHHSDXCW	44150.00
35 HP	26 kW	50.75 A	29.30 A	50 A	34 A - 50 A	100 A	IHHSDYCWA	46760.00
40 HP	30 kW	58 A	33.49 A	65 A	34 A - 50 A	100 A	IHHSDYCWB	51385.00
45 HP	33.6 kW	65.25 A	37.67 A	75 A	45 A - 65 A	125 A	IHHSD1DW	64130.00
50 HP	37 kW	72.5 A	41.86 A	85 A	52 A - 75 A	125 A	IHHSD2DW	69915.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Spares for Industrial Motor Starter - HGS Series

HSN Code: 85389000

Type	Item Code	Per Unit LP (₹)	
Start Push Button - Green	ICELL00002	230.00	
Stop Push Button - Red	ICELL00003		
Motor ON Indicating Light-Green	ICELKL00015	360.00	
Motor Trip Indicating Light-Yellow	ICELKL00013		
SPP	ISCELXL00063	3895.00	
Combined Voltmeter & Ammeter	ISCEMLX0007	1480.00	
Terminal Block 6 way	ICELPSMX001	555.00	
Terminal Block 3 way	ICELPSMX002	335.00	
VOLT.SEL SW. C/G	ICELQL00021	520.00	
Electronic Timer	ICELRPSL005	1800.00	
Mini Rocker Switch - SPP By Pass	ISCELEL00218	60.00	

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Agricultural Motor Starter



Agricultural Motor Starter



3 ϕ Urja Lite DOL Starters
Ratings - 0.19 kW to 7.5 kW
(0.25 HP to 10 HP)



1 ϕ & 3 ϕ Urja DOL Starters
Ratings - 0.55 kW to 11 kW
(0.75 HP to 15 HP) - 3 ϕ
Ratings - 0.37 kW to 2.2 kW
(0.5 HP to 3 HP) - 1 ϕ



3 ϕ DOL Starter Submersible
Pump Controller
Ratings - 0.75 kW to 11 kW
(1 HP to 15 HP)



3 ϕ ASD Submersible
Pump Controller
Ratings - 3.7 kW to 15 kW
(5 HP to 20 HP)



1 ϕ Submersible Starters with Start
& Run Capacitor (Urja Kavach)
Ratings - 0.37 kW to 2.2 kW
(0.5 HP to 3 HP)



1 ϕ Submersible Pump Controller
(Urja Kavach)
Ratings - 0.37 kW to 2.2 kW
(0.5 HP to 3 HP)

Motor Starter

urja Urja Lite DOL Starters



Features:

- Range: upto 10 HP DOL
- Wide Band Coil 380 V (250 V - 440 V)
- Enclosure Dust, Vermin & Moisture Proof
- Quick Fit Technology
- Hight Electrical & Mechanical Life

HSN Code: 85369010

HP	kW	Contactor	O/L Relay	Motor Starter	
		(A)	(A)	Item Code	Per Unit LP (₹)
0.5 HP	0.37 kW	12 A	1 A - 1.6 A	IHADOB1LH	3170.00
1 HP	0.75 kW	12 A	1.5 A - 2.5 A	IHADOB1LH	3170.00
2 HP ▲	1.5 kW	12 A	2.5 A - 4 A	IHADOB1LH	3170.00
3 HP ▲	2.2 kW	12 A	4 A - 6.5 A	IHADOB1LH	3170.00
5 HP ▲	3.7 kW	12 A	6 A - 10 A	IHADOB1LH	3170.00
7.5 HP ▲	5.6 kW	16 A	9 A - 14 A	IHADOB1LH	3170.00
10 HP ▲	7.5 kW	25 A	13 A - 21 A	IHADOB1LH	3785.00

urja DOL Starters 3 Phase - Agri Series

Features:

- Range : 0.55 kW to 11 kW (0.75 HP to 15 HP)
- Conforms to IS/IEC 60947-4-1
- Provided with Protection Degree IP 54
- Extended wide band coil
- FRLS (Fire retardant low smoke) Internal wiring
- Starter Type - Air Break
- Class H Insulation



Direct Online Starter - (Ideal for Agri Pump Application)

HSN Code: 85369010

HP	kW	Contactor	O/L Relay	Motor Starter	
		(A)	(A)	Item Code	Per Unit LP (₹)
1 HP ▲	0.75 kW	16 A	1.58 A - 2.5 A	IHADOAF1K	3675.00
2 HP ▲	1.5 kW	16 A	2.4 A - 3.8 A	IHADOAG1K	
3 HP ▲	2.2 kW	16 A	3.8 A - 6.0 A	IHADOAH1K	
5 HP ▲	3.7 kW	16 A	6.0 A - 9.3 A	IHADOAJ1K	
7.5 HP ▲	5.5 kW	20 A ▲	8.9 A - 13.5 A	IHADOAK1K	4045.00
		20 A	13.2 A - 20 A	IHADOAK1KA	
		20 A	17.4 A - 24 A	IHADOAK1KB	
10 HP ▲	7.5 kW	20 A	13.2 A - 20 A	IHADOAL1K	
15 HP ▲	11 kW	25 A	17.4 A - 24 A	IHADOAM1K	5195.00

urja DOL Starters Single Phase - Agri Series

Features:

- Range : 0.37 kW to 2.2 kW (0.5 HP to 3 HP)
- Conforms to IS/IEC 60947-4-1
- Provided with Protection Degree IP 54
- Extended wide band coil
- FRLS (Fire retardant low smoke) Internal wiring
- Starter type Air break
- Class H Insulation



Direct Online Starter Single Phase

HSN Code: 85369010

HP	kW	FLC (A)	Contactor (A)	O/L Relay (A)	Item Code	Per Unit LP (₹)
1 HP ▲	0.75 kW	6.24 A	20 A	6 A - 9.3 A	IHUDOLH1F1	2435.00
1.5 HP ▲	1.1 kW	9.15 A	20 A	8.9 A - 13.5 A	IHUDOLK1F1	
2 HP ▲	1.5 kW	12.47 A	20 A	13.2 A - 20 A	IHUDOLK1FA	2500.00
3 HP ▲	2.2 kW	18.71 A	25 A	17.4 A - 24 A	IHUDOLL1F1	

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

urja Direct Online Starter Submersible Pump Controller (Standard)

3 Phase - Agri Series



Features:

- Range : 0.75 kW to 11 kW (1 HP to 15 HP)
- Conforms to IS/IEC 60947-4-1
- Provided with Protection Degree IP 54
- SPP with auto manual switch
- FRLS (Fire retardant low smoke) Internal wiring
- Combined V / A meter, Voltmeter selector switch
- ON OFF indication

HSN Code: 85369010

HP	kW	Max. Operational Current (A)	Contactor AC3 (A)	OLR (A)	Item Code	Per Unit LP (₹)
1 HP	0.75 kW	1.90 A	20 A	1.58 A - 2.5 A	IHSDOAF1KA	10895.00
2 HP	1.5 kW	3.81 A	20 A	3.8 A - 6.0 A	IHSDOAH1KA	
3 HP ▲	2.2 kW	5.71 A	20 A	3.8 A - 6.0 A	IHSDOAH1KB	
5 HP ▲	3.7 kW	9.52 A	20 A	8.9 A - 13.5 A	IHSDOAK1KA	
7.5 HP ▲	5.5 kW	14.27 A	20 A	13.2 A - 20 A	IHSDOAL1KA	
10 HP ▲	7.5 kW	19.03 A	25 A	13.2 A - 20 A	IHSDOAL1KB	11465.00
12.5 HP	9.3 kW	23.79 A	32 A	17.4 A - 24 A	IHSDOAM1KA	12035.00
15 HP	11 kW	28.55 A	32 A	22 A - 30 A	IHSDOAN1KA	13365.00

urja Automatic Star Delta Submersible Pump Controller (Standard)

3 Phase - Agri Series



Features:

- Range : 3.75 kW to 15 kW (5 HP to 20 HP)
- Conforms to IS/IEC 60947-4-1
- Provided with Protection Degree IP 54
- SPP with auto manual switch
- FRLS (Fire retardant low smoke) Internal wiring
- Combined V / A meter, Voltmeter selector switch
- ON OFF indication
- Star Delta Timer

HSN Code: 85369010

HP	Max Operating Current 135% (A)	Phase Current (A)	OLR (A)	Contactor AC3 (A)	Item Code	Per Unit LP (₹)
5 HP	10.13 A	5.85 A	3.8 A - 6.0 A	20 A	IHSASAH1KA	19140.00
7.5 HP	15.19 A	8.77 A	6 A - 9.3 A	20 A	IHSASAJ1KA	
10 HP ▲	20.25 A	11.69 A	8.9 A - 13.5 A	20 A	IHSASAK1KA	
12.5 HP	25.31 A	14.61 A	13.2 A - 20 A	20 A	IHSASAL1KA	20805.00
15 HP ▲	30.38 A	17.54 A	13.2 A - 20 A	20 A	IHSASAL1KB	21255.00
17.5 HP	35.44 A	20.46 A	17.4 A - 24 A	25 A	IHSASAM1KA	
20 HP ▲	40.50 A	23.38 A	22 A - 30 A	32 A	IHSASAN1KA	24350.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 73**

Features:

- Water Filled / Oil Filled Submersible motor Configuration
- Digital Smart display for clear identification of current and voltage
- OLP, MCB & contactor combination for better efficiency & performance against product safety
- Inbuilt Dry run protection
- Applicable for 75 mm / 100 mm borewell Submersible Pump application
- Suitable for wide voltage operation
- High quality rubber gasket to prevent dusy entry
- Five-way connector for easy connection



HSN Code: 85369010

Item Code	kW	HP	Type	Descriptions	OLP	MCB	Con-tactor	Run Capacitor μ F (MFD)	Start Capacitor μ F (MFD)	Per Unit LP (₹)
IHQMFDM1F1	0.37 kW	0.5 HP	water Filled	0.5 HP SP STR WATER FILLED R6A	6 A	10 A	20 A	36 μ F	120 μ F - 150 μ F	3695.00
IHRMFDM1F1	0.37 kW	0.5 HP	Oil Filled	0.5 HP SP STR OIL FILLED R6A	6 A	10 A	20 A	36 μ F	-	3450.00
IHQMFQ1F1	0.75 kW	1 HP ▲	water Filled	1 HP SP STR WATER FILLED R 10A	10 A	16 A	20 A	50 μ F	120 μ F - 150 μ F	3770.00
IHRMFQ1F1	0.75 kW	1 HP	Oil Filled	1 HP SP STR OIL FILLED R10A	10 A	16 A	20 A	36 μ F	-	3650.00
IHSMFDQ1F1	0.75 kW	1 HP	Oil Filled	1 HP SP STR OIL FILLED WC R10A	10 A	16 A	0 A	36 μ F	-	2065.00
IHQMFDR1F1	1.1 kW	1.5 HP ▲	water Filled	1.5 HP SP STR WATER FILLED R 12A	16 A	20 A	25 A	72 μ F	150 μ F - 200 μ F	4080.00
IHRMFDR1F1	1.1 kW	1.5 HP	Oil Filled	1.5 HP SP STR OIL FILLED R12A	16 A	20 A	25 A	50 μ F	-	3870.00
IHSMFDR1F1	1.1 kW	1.5 HP	Oil Filled	1.5 HP SP STR OIL FILLED WC R12A	12 A	20 A	0 A	50 μ F	-	2185.00
IHQMFDT1FA	1.1 kW	1.5 HP	Water Filled	1.5 HP SP STR WATER FILLED R14A	16 A	20 A	25 A	(50+50) μ F	150 μ F - 200 μ F	4165.00
IHQMFDU1F1	1.5 kW	2 HP ▲	Water Filled	2 HP SP STR WATER FILLED R 16A	16 A	20 A	25 A	72 μ F	150 μ F - 200 μ F	4255.00
IHQMFDU1FA	1.5 kW	2 HP	Water Filled	2 HP SP STR WATER FILLED R16A CAP 50+50	16 A	20 A	25 A	(50+50) μ F	150 μ F - 200 μ F	4345.00
IHRMFDU1F1	1.5 kW	2 HP	Oil Filled	2 HP SP STR OIL FILLED R16A	16 A	20 A	25 A	72 μ F	-	4075.00
IHQMFV1F1	2.2 kW	3 HP	water Filled	3 HP SP STR WATER FILLED R 25A	25 A	32 A	32 A	(50+50) μ F	200 μ F - 250 μ F	4910.00

Features:

- Inbuilt start run capacitor
- Suitable for wide voltage operation
- High quality rubber gasket to prevent dusy entry
- Five-way connector for easy connection
- OLR with Single Phasing Protection



HSN Code: 85369010

HP Rating	kW	Overlaod Relay (A)	Contactor (A)	Start Capacitor μ F (MFD)	Run Capacitor μ F (MFD)	Item Code	List Price in (₹) Per Unit
0.5 HP	0.37 kW	3.8 A - 6.0 A	20 A	80 μ F - 100 μ F	25 μ F	IHADOAH1F1	5770.00
0.5 HP	0.37 kW	3.8 A - 6.0 A	20 A	80 μ F -100 μ F	36 μ F	IHADOAJ1FA	
1 HP	0.75 kW	6 A - 9.3 A	20 A	100 μ F - 120 μ F	36 μ F	IHADOAJ1FB	
1 HP ▲	0.75 kW	6 A - 9.3 A	20 A	100 μ F - 120 μ F	50 μ F	IHADOAJ1FC	
1 HP	0.75 kW	6 A - 9.3 A	20 A	120 μ F - 150 μ F	50 μ F	IHADOAJ1FD	6365.00
1.5 HP ▲	1.1 kW	8.9 A - 13.5 A	20 A	120 μ F - 150 μ F	50 μ F	IHADOAK1FA	
1.5 HP ▲	1.1 kW	8.9 A - 13.5 A	20 A	150 μ F - 200 μ F	(36+36) μ F	IHADOAK1FB	
2 HP ▲	1.5 kW	13.2 A - 20 A	20 A	150 μ F - 200 μ F	(36+36) μ F	IHADOAL1FA	6805.00
2 HP ▲	1.5 kW	13.2 A - 20 A	20 A	150 μ F - 200 μ F	(50+50) μ F	IHADOAL1FB	
2 HP ▲	1.5 kW	13.2 A - 20 A	20 A	200 μ F - 250 μ F	(50+36) μ F	IHADOAL1FC	
3 HP ▲	2.2 kW	17.4 A - 24 A	25 A	200 μ F - 250 μ F	(50+50) μ F	IHADOAM1FA	8065.00
3 HP ▲	2.2 kW	17.4 A - 24 A	25 A	200 μ F - 250 μ F	(50+36+36) μ F	IHADOAM1FB	

urja Contactor 4 Pole (16 A to 40 A)



Features:

- Rugged Contactors with heavy duty Contacts with anti-welding silver alloys
- High Mechanical and Electrical Life
- High Terminal Capacity
- Suitable for Wide voltage Fluctuations including sudden DIP in voltage

HSN Code: 85369010

AC-3 Duty Rating at 415 V, 50 Hz Ie (A)	AC-1 Duty Rating at 415 V, 50 Hz Ith (A)	Power Poles	Type	Item Code	Item Description	Per Unit LP (₹)
20 A	25 A	4	UC1 20 F	IHPBC020100*	20 A 4P Contactor	3090.00
25 A	40 A		UC1 25 F	IHPBC025100*	25 A 4P Contactor	3818.00
32 A	45 A		UC1 32 F	IHPBC032100*	32 A 4P Contactor	4325.00
40 A	63 A		UC1 40 F	IHPBC040100*	40 A 4P Contactor	5665.00

urja Contactor 2 Pole (16 A to 40 A)



Features:

- Rugged Contactors with heavy duty Contacts with anti-welding silver alloys
- High Mechanical and Electrical Life
- High Terminal Capacity
- Suitable for Wide voltage Fluctuations including sudden DIP in voltage

HSN Code: 85369010

AC-3 Duty Rating at 415 V, 50 Hz Ie (A)	AC-1 Duty Rating at 415 V, 50 Hz Ith (A)	Power Poles	Type	Item Code	Item Description	Per Unit LP (₹)
20 A	32 A	2	UC1 20 D	IHPBF020100*	20 A 2P Contactor	1480.00
25 A	40 A		UC1 25 D	IHPBF025100*	25 A 2P Contactor	2110.00
40 A	63 A		UC1 40 D	IHPBF040100*	40 A 2P Contactor	2895.00

*To complete the Cat no. suffix the coil voltage from the coil voltage table

AC Coil for 4 Pole

Code*	F	K
AC Voltage	140 V - 270 V	260 V - 440 V

AC Coil for 2 Pole

Code*	F
AC Voltage	140 V - 270 V



urja Thermal Overload Relay 3 Pole

HSN Code: 85364900

Relay Range (A)	Suitable for	Poles	Type	Item Code	Item Description	Per Unit LP (₹)
1.07 A - 1.7 A	4 Pole Contactors	3	UR1 E	IHAR13CE	3P Thermal O/L Relay A/M	2150.00
1.58 A - 2.5 A			UR1 F	IHAR13CF	3P Thermal O/L Relay A/M	
2.4 A - 3.8 A			UR1 G	IHAR13CG	3P Thermal O/L Relay A/M	
3.8 A - 6.0 A			UR1 H	IHAR13CH	3P Thermal O/L Relay A/M	
6 A - 9.3 A			UR1 J	IHAR13CJ	3P Thermal O/L Relay A/M	
8.9 A - 13.5 A			UR1 K	IHAR13CK	3P Thermal O/L Relay A/M	
13.2 A - 20 A			UR1 L	IHAR13CL	3P Thermal O/L Relay A/M	
17.4 A - 24 A			UR1 M	IHAR13CM	3P Thermal O/L Relay A/M	
22 A - 30 A			UR1 N	IHAR13CN	3P Thermal O/L Relay A/M	

urja Thermal Overload Relay 2 Pole

HSN Code: 85364900

Relay Range (A)	Suitable for	Poles	Type	Item Code	Item Description	Per Unit LP (₹)
3.8 A - 6 A	2 Pole Contactors	2	UR1 H	IHAR12CH	2P Thermal O/L Relay A/M	1050.00
6 A - 9.3 A			UR1 J	IHAR12CJ	2P Thermal O/L Relay A/M	
8.9 A - 13.5 A			UR1 K	IHAR12CK	2P Thermal O/L Relay A/M	
13.2 A - 20 A			UR1 L	IHAR12CL	2P Thermal O/L Relay A/M	1145.00
17.4 A - 24 A			UR1 M	IHAR12CM	2P Thermal O/L Relay A/M	
22 A - 30 A			UR1 N	IHAR12CN	2P Thermal O/L Relay A/M	

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 75**

Spare Agri Contactor 2P / 4P

HSN Code: 85389000

Type	Rating	Item Code	Per Unit LP (₹)
Housing 2P		ISCPMPXCX016	360.00
Housing 4P		ISCPMPXCX014	580.00
Carrier Assembly 2P		ISSPEX0447	105.00
Carrier Assembly 4P		ISSPEX0446	150.00
2P Contactor Coil	140 V - 270 V	ISSPEP0008	775.00
4P Contactor Coil	200 V - 400 V	ISSPEP0007	885.00
	415 V (260 V - 440 V)	ISSPEP0009	
	240 V (140 V - 270 V)	ISSPEP0011	
Single Fixed Contact 2P / 4P	20 A	ISSPEX0428	125.00
	25 A	ISSPEX0429	165.00
	32 A	ISSPEX0430	175.00
	40 A	ISSPEX0439	215.00
Single Moving Contact 2P / 4P	20 A	ISSPEX0431	180.00
	25 A	ISSPEX0432	260.00
	32 A	ISSPEX0433	295.00
	40 A	ISSPEX0440	360.00
Contact Kit 2P Contactor	20 A	ISSPEX0441	830.00
	25 A	ISSPEX0442	1165.00
	40 A	ISSPEX0444	1535.00
Contact Kit 4P Contactor	20 A	ISSPEX0434	1505.00
	25 A	ISSPEX0435	2340.00
	32 A	ISSPEX0436	2520.00
	40 A	ISSPEX0445	2510.00



▲ Stockable Item
For details on technical parameters & non stockable items contact nearest sales office.

DOL Starter - Spares

HSN Code: 85389000

Type	Item Code	Per Unit LP (₹)
NO Switch URJA	ISSPEX0437	175.00
ON / OFF Push Button Assembly URJA	ISSPEX0438	



urja Single Phase Sub. Starter - Spares

HSN Code: 85389000

Type	Item Code	Per Unit LP (₹)
PB Red for SPSS with 1NC Element	ISCELXLX0001	260.00
5+16 Element (1.5-2 HP) 1.12 kW - 1.50 kW	ISCELXLX0002	490.00
	5+25 Element (3-5 HP) 2.24 kW - 3.73 kW	ISCELXLX0003
Neon Light Indicator Red	ISCELKLX0006	105.00
Front Add-on Aux.Cont.Blck	2NO ISSPEX0427	555.00
Combined AV Meter	30 A - 300 V ISCELMLX0006	1475.00
	25 A - 500 V ISCELMLX0007	1480.00
	50 A - 500 V ISCELMLX0008	1625.00
Terminal Block	2 Way SPSS ISCPMPSX032	60.00
	5 Way ISCELXPX0003	205.00



▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Type	Item Code	Per Unit LP (₹)
Start Push Button - Green	ICELL00002	230.00
Stop Push Button - Red	ICELL00003	
Motor ON Indicating Light-Green	ICELKL00015	360.00
Motor Trip Indicating Light-Yellow	ICELKL00013	
SPP	ISCELXL00063	3895.00
Combined Voltmeter & Ammeter	ISCEMLX0007	1480.00
Terminal Block 6 way	ICELPSMX001	555.00
Terminal Block 3 way	ICELPSMX002	335.00
VOLT.SEL SW. C/G	ICELQL00021	520.00
Electronic Timer	ICELRPSL005	3355.00
Front Block 1NO 1NC	ISPNAFM711	580.00
Mini Rocker Switch - SPP By Pass	ISCELEL00218	60.00



▲ Stockable Item
For details on technical parameters & non stockable items contact nearest sales office.

Street Light Panel



Street Light Panel

Features:

- Range : 6 kW to 12 kW
- Conforms to IS/IEC 61439 & 60529
- Provided with Protection Degree IP54
- Extended wide band coil
- FRLS (Fire retardant low smoke) Internal wiring
- In-built Short-Circuit Protection
- Class H Insulation

HSN Code: 85365090

Phase	Max. Load (kW)	Contactor Rating (A)	MCB Rating	Digital 24 Hour Switch		Astronomical Switch	
				Item Code	Per Unit	Item Code	Per Unit LP (₹)
3	6 kW	32 A TP	40 A TPN	IHXTS03060	36910.00	IHXTS0306A	38035.00
	12 kW	65 A TP	63 A TPN	IHXTS09120	56960.00	IHXTS0912A	58080.00
1	2 kW	20 A DP	16 A SPN	IHXSS01020	21135.00	IHXSS01020A	22135.00
	6 kW	32 A TP	40 A SPN	IHXSS01060	27680.00	IHXSS0106A	28805.00
	12 kW	65 A TP	63 A SPN	IHXSS03120	41585.00	IHXSS0312A	42710.00

HSN Code: 85389000

Description	Item Code	Per Unit LP (₹)
PROGRAMMABLE TIME SWITCH FOR SLP	ISCELMLX0012	4050.00
ASTRONOMICAL TIME SWITCH FOR SLP	ISCELMLX0013	4380.00

For customised Street Lighting Panels, contact to nearest branch

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 79**

Power Quality Solutions



Power Quality Solutions

MPP Power Capacitor



Power Capacitors

Parameters	Splendid Duty	Heavy Duty Plus / Heavy Duty	Super Heavy Duty (double dielectric) / Super Heavy Duty
Type	MPP	MPP	MPP
Over Current withstand capacity upto	1.6 X Ir	2.4 X Ir	3.2 X Ir / 3.0 X Ir
Peak Inrush Current Withstand Capacity upto	250 times	350 times / 350 times	500 times / 500 times
Total Losses	≤0.45 W / kVAr	≤0.45 W / kVAr	≤0.45 W / kVAr
No of switching per year	35000	52500 / 45000	80000 / 65000
Max Ambient Temp (°C)	55 °C	55 °C	55 °C
Operating life in hours	120000 hours	215000 hours / 150000 hours	300000 hours / 250000 hours
Notch Shield	Yes	Yes	Yes
Over pressure Disconnecter	Yes	Yes	Yes
Triple Safety	Yes	Yes	Yes
Certification	ISI Marked		
Conforms to standard	IS: 13340 / IEC: 60831		

Selection of Capacitor

Selection of Capacitor Type is first decision to be made
 Power Factor Correction Capacitor can be classified as follows.
 Splendid Duty - Torrent and Mini Master / Master
 Heavy Duty - Phantom & Champ
 SHD / UHDXL- Warrior and Champion (Double Di-electric)

Refer following table for the capacitor duty based on type of Industry / Application

Power Capacitor Selection Chart on the basis of Application				
% Non linear load	≤ 10%	Up to 15%	Up to 20%	Between 20% to 30%
Square	Master Splendid Duty	Champ HD Plus	Champion SHD	Champ HD Plus + Reactor
Cylindrical	Torrent Splendid Duty	Phantom HD	Warrior SHD	Warrior SHD + Reactor
Application	These Capacitors are designed for normal loads where non linear factor is ≤10% THD I. Do not use normal duty capacitors for the application of Heavy Duty and Super Heavy Duty capacitors.	<15% THD I. Commercial building with CFL lamps, SMPS, UPS etc.	<20% THD I. Heavy Chemical Industries	<25% THD I. Steel plant
		Garment industries (Sewing Industry)	Pharmaceutical Industries	Cement Industries
		Bakeries	Automobile plants	Stone crushing
		Flour mills	Paper Industries	Textiles (Production of Yarn/cloth)
		Oil mills	Food processing plants	Forging Industries
		Glass industries	IT Industries	Power frequency induction furnaces
		Rice mills	Fabrication shops	Sugar plants
		Cold storage	Welding shops	Rolling mills
Machine and tool shop				
Example for Calculating Non Linear Load Installed Transformer Rating = 1000 kVA Non Linear Loads = 100 kVA % Non Linear Load = (Non Linear Load / Transformer Rating) X 100 = (100/1000) X 100 = 10%				
Example of Non Linear Loads: UPS, Arc / Induction furnace, Rectifiers, AC / DC Drives, Computer, CFL, CNC Machines.				

Calculation of Required kVAr

Current Power Factor Cos φ	Achievable (Target) Cos φ					Target Cos φ = 0.96	Q				
	0.90	0.91	0.92	0.94	0.95	0.96		0.97	0.98	0.99	1
0.51	1.20	1.23	1.26	1.32	1.36	1.40		1.44	1.48	1.54	1.69
0.52	1.16	1.19	1.22	1.28	1.31	1.35		1.39	1.44	1.50	1.64
0.53	1.11	1.14	1.17	1.24	1.27	1.30		1.35	1.40	1.46	1.60
0.54	1.08	1.10	1.13	1.20	1.23	1.27		1.31	1.36	1.42	1.56
0.55	1.04	1.06	1.09	1.16	1.19	1.23		1.27	1.32	1.38	1.52
0.56	1.00	1.02	1.05	1.12	1.15	1.19		1.23	1.28	1.34	1.48
0.57	0.96	0.99	1.02	1.08	1.11	1.15		1.19	1.24	1.30	1.44
0.58	0.92	0.95	0.98	1.04	1.08	1.11		1.15	1.20	1.26	1.41
0.59	0.89	0.91	0.94	1.01	1.04	1.08		1.12	1.17	1.23	1.37
0.60	0.85	0.88	0.91	0.97	1.00	1.04		1.08	1.13	1.19	1.33
0.61	0.82	0.84	0.87	0.94	0.97	1.01		1.05	1.10	1.16	1.30
0.62	0.78	0.81	0.84	0.90	0.94	0.97		1.02	1.06	1.12	1.27
0.63	0.75	0.78	0.81	0.87	0.90	0.94		0.98	1.03	1.09	1.23
0.64	0.72	0.75	0.78	0.84	0.87	0.91		0.95	1.00	1.07	1.20
0.65	0.69	0.71	0.74	0.81	0.84	0.88		0.92	0.97	1.03	1.17
0.66	0.65	0.68	0.71	0.77	0.81	0.85		0.89	0.94	1.00	1.14
0.67	0.62	0.65	0.68	0.74	0.78	0.82		0.86	0.91	0.97	1.11
0.68	0.59	0.62	0.65	0.71	0.75	0.79		0.83	0.88	0.94	1.08
0.69	0.57	0.59	0.62	0.68	0.72	0.76		0.80	0.85	0.91	1.05
0.70	0.54	0.56	0.59	0.65	0.69	0.73		0.77	0.82	0.88	1.02
0.71	0.51	0.54	0.57	0.63	0.66	0.70		0.74	0.79	0.85	0.99
0.72	0.48	0.51	0.54	0.60	0.64	0.67		0.71	0.76	0.82	0.96
0.73	0.45	0.48	0.51	0.57	0.61	0.64		0.69	0.73	0.79	0.94
0.74	0.43	0.45	0.48	0.54	0.58	0.62		0.66	0.71	0.77	0.91
0.75	0.40	0.43	0.46	0.51	0.55	0.59		0.63	0.68	0.74	0.88
0.76	0.37	0.40	0.43	0.49	0.53	0.56		0.60	0.65	0.71	0.86
0.77	0.35	0.37	0.40	0.46	0.50	0.44		0.58	0.63	0.69	0.83
0.78	0.32	0.35	0.38	0.43	0.47	0.51		0.55	0.60	0.66	0.80
0.79	0.29	0.32	0.35	0.41	0.45	0.48		0.53	0.57	0.63	0.78
0.80	0.27	0.29	0.32	0.38	0.42	0.46		0.50	0.55	0.61	0.75
0.81	0.24	0.27	0.30	0.36	0.40	0.43		0.47	0.52	0.58	0.72
0.82	0.21	0.24	0.27	0.33	0.37	0.41		0.45	0.50	0.56	0.70
0.83	0.19	0.22	0.25	0.30	0.34	0.38		0.42	0.47	0.53	0.67
0.84	0.16	0.19	0.22	0.28	0.32	0.35		0.40	0.44	0.50	0.65
0.85	0.14	0.16	0.19	0.25	0.29	0.33		0.37	0.42	0.48	0.62
0.86	0.11	0.14	0.17	0.23	0.26	0.30		0.34	0.39	0.45	0.59
0.87	0.08	0.11	0.14	0.20	0.24	0.28		0.32	0.36	0.43	0.57
0.88	0.06	0.08	0.11	0.17	0.21	0.25		0.29	0.34	0.40	0.54
0.89	0.03	0.06	0.09	0.15	0.18	0.22		0.26	0.31	0.37	0.51
0.90	0.00	0.03	0.08	0.12	0.16	0.19		0.23	0.28	0.34	0.48
0.91		0.00	0.03	0.09	0.13	0.16		0.21	0.25	0.31	0.46
0.92			0.00	0.06	0.10	0.13		0.18	0.22	0.28	0.43
0.93				0.03	0.07	0.10		0.14	0.19	0.25	0.40
0.94				0.00	0.03	0.07		0.11	0.16	0.22	0.36
0.95					0.00	0.04		0.08	0.13	0.19	0.33

Calculation of Required kVAr

Operating load kW and its average power factor (PF) as per the electricity bill OR we can easily calculate by a simple formula

Average PF = kW / kVA Operating load kW = kVA Demand x Average PF

Average PF is considered as the initial PF and the final PF is assumed as a target PF. From this information required kVAr can be easily calculated with reference table.

Example: Calculate required kVAr to improve PF from 0.75 to 0.96 for 500 kW installation

kVAr = kW x multiplying factor from table = 500 x 0.590 = 295 kVAr

Hercules - Normal Duty Single Phase Cylindrical Capacitors

- Design in Cylindrical Aluminium cane.
- Output range 1 kVAr to 5 kVAr.
- Compact volume, low weight
- Easy connection and installation



HSN Code: 85321000

Rating kVAr	Item Code	Description	Standard Pack No of unit/s	Master Pack No of unit/s	Per Unit LP (₹)
Rated Voltage 250 V AC, 1ϕ, 50 Hz					
1 kVAr	QHBSGS5001X0	HERCULES 250 V 50 Hz-1 kVAr 1 PH	1 N	16 N	505.00
2 kVAr	QHBSGS5002X0	HERCULES 250 V 50 Hz-2 kVAr 1 PH	1 N	16 N	700.00
3 kVAr	QHBSGS5003X0	HERCULES 250 V 50 Hz-3 kVAr 1 PH	1 N	16 N	1055.00
4 kVAr	QHBSGS5004X0	HERCULES 250 V 50 Hz-4 kVAr 1 PH	1 N	16 N	1390.00
5 kVAr	QHBSGS5005X0	HERCULES 250 V 50 Hz-5 kVAr 1 PH	1 N	8 N	1715.00

Torrent - Splendid Duty Cylindrical Capacitors

- Design in Cylindrical Aluminium cane.
- Output range 1 kVAr to 30 kVAr.
- Long life expectancy upto 120000 Hours
- Compact volume, low weight
- Easy connection and installation



HSN Code: 85321000

Rating kVAr	Item Code	Description	Standard Pack No of unit/s	Master Pack No of unit/s	Per Unit LP (₹)
Rated Voltage 440 V AC, 3ϕ, 50 Hz, Delta Connection					
1 kVAr ▲	QHUTCC5001X0	Torrent 440 V 50 Hz-1 kVAr 3 PH	1 N	16 N	390.00
2 kVAr ▲	QHUTCC5002X0	Torrent 440 V 50 Hz-2 kVAr 3 PH	1 N	16 N	595.00
3 kVAr ▲	QHUTCC5003X0	Torrent 440 V 50 Hz-3 kVAr 3 PH	1 N	16 N	930.00
4 kVAr ▲	QHUTCC5004X0	Torrent 440 V 50 Hz-4 kVAr 3 PH	1 N	16 N	1030.00
5 kVAr ▲	QHUTCC5005X0	Torrent 440 V 50 Hz-5 kVAr 3 PH	1 N	16 N	1180.00
6 kVAr ▲	QHUTCC5006X0	Torrent 440 V 50 Hz-6 kVAr 3 PH	1 N	16 N	1415.00
7.5 kVAr ▲	QHUTCC5007X5	Torrent 440 V 50 Hz-7.5 kVAr 3PH	1 N	16 N	1770.00
10 kVAr ▲	QHUTCC5010X0	Torrent 440 V 50 Hz-10 kVAr 3 PH	1 N	8 N	2360.00
12.5 kVAr ▲	QHUTCC5012X5	Torrent 440 V 50 Hz-12.5 kVAr 3 PH	1 N	8 N	2945.00
15 kVAr ▲	QHUTCC5015X0	Torrent 440 V 50 Hz-15 kVAr 3 PH	1 N	4 N	3535.00
20 kVAr ▲	QHUTCC5020X0	Torrent 440 V 50 Hz-20 kVAr 3 PH	1 N	4 N	4715.00
25 kVAr ▲	QHUTCC5025X0	Torrent 440 V 50 Hz-25 kVAr 3 PH	1 N	4 N	5890.00
30 kVAr	QHUTCC5030X0	Torrent 440 V 50 Hz-30 kVAr 3 PH	1 N	4 N	7070.00

Phantom - Heavy Duty Cylindrical Capacitors

- Design in Cylindrical Aluminium Cane.
- Output range - 1 kVAr to 50 kVAr
- High Inrush Current Withstand Capability
- Operating Life in Hrs - 150000
- Soft Sticky Resin to withstand high temperature and current stress



HSN Code: 85321000

Rating kVAr	Item Code	Description	Standard Pack No of unit/s	Master Pack No of unit/s	Per Unit LP (₹)
Rated Voltage 440 V AC, 3ϕ, 50 Hz, Delta Connection					
1 kVAr ▲	QHHTCC5001X0	PHANTOM HD 440 V 50 Hz 1 kVAr 3 PH	1 N	16 N	480.00
2 kVAr ▲	QHHTCC5002X0	PHANTOM HD 440 V 50 Hz 2 kVAr 3 PH	1 N	16 N	730.00
3 kVAr ▲	QHHTCC5003X0	PHANTOM HD 440 V 50 Hz 3 kVAr 3 PH	1 N	16 N	1010.00
4 kVAr ▲	QHHTCC5004X0	PHANTOM HD 440 V 50 Hz 4 kVAr 3 PH	1 N	16 N	1210.00
5 kVAr ▲	QHHTCC5005X0	PHANTOM HD 440 V 50 Hz 5 kVAr 3 PH	1 N	16 N	1520.00
7.5 kVAr ▲	QHHTCC5007X5	PHANTOM HD 440 V 50 Hz 7.5 kVAr 3 PH	1 N	16 N	2160.00
10 kVAr ▲	QHHTCC5010X0	PHANTOM HD 440 V 50 Hz 10 kVAr 3 PH	1 N	16 N	2875.00
12.5 kVAr ▲	QHHTCC5012X5	PHANTOM HD 440 V 50 Hz 12.5 kVAr 3 PH	1 N	8 N	3595.00
15 kVAr ▲	QHHTCC5015X0	PHANTOM HD 440 V 50 Hz 15 kVAr 3 PH	1 N	8 N	4315.00
20 kVAr ▲	QHHTCC5020X0	PHANTOM HD 440 V 50 Hz 20 kVAr 3 PH	1 N	4 N	5750.00
25 kVAr ▲	QHHTCC5025X0	PHANTOM HD 440 V 50 Hz 25 kVAr 3 PH	1 N	4 N	7185.00
30 kVAr	QHHTCC5030X0	PHANTOM HD 440 V 50 Hz 30 kVAr 3 PH	1 N	4 N	8625.00
50 kVAr	QHHTCC5050X0	PHANTOM HD 440 V 50 Hz 50 kVAr 3 PH	1 N	4 N	14370.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

(IS: 13340 / IEC: 60831)

Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 83**

Warrior - Super Heavy Duty Cylindrical Capacitors

- High inrush current withstand capability.
- Output range 1 kVAr to 30 kVAr.
- Soft sticky resin to withstand high temperature and current stress.
- Penta safety protection.
- Explosion proof, low losses & high over current withstand capabilities.



HSN Code: 85321000

Rating kVAr	Item Code	Description	Standard Pack No of unit/s	Master Pack No of unit/s	Per Unit LP (₹)
Rated Voltage 440 V AC, 3ϕ, 50 Hz, Delta Connection					
1 kVAr ▲	QHBTCC5001X0	Warrior Super Heavy Duty 440 V 50 Hz 1 kVAr 3 PH	1 N	16 N	510.00
2 kVAr ▲	QHBTCC5002X0	Warrior Super Heavy Duty 440 V 50 Hz 2 kVAr 3 PH	1 N	16 N	775.00
3 kVAr ▲	QHBTCC5003X0	Warrior Super Heavy Duty 440 V 50 Hz 3 kVAr 3 PH	1 N	16 N	965.00
4 kVAr ▲	QHBTCC5004X0	Warrior Super Heavy Duty 440 V 50 Hz 4 kVAr 3 PH	1 N	16 N	1290.00
5 kVAr ▲	QHBTCC5005X0	Warrior Super Heavy Duty 440 V 50 Hz 5 kVAr 3 PH	1 N	16 N	1675.00
6 kVAr	QHBTCC5006X0	Warrior Super Heavy Duty 440 V 50 Hz 7.5 kVAr 3 PH	1 N	8 N	2005.00
7.5 kVAr ▲	QHBTCC5007X5	Warrior Super Heavy Duty 440 V 50 Hz 6 kVAr 3 PH	1 N	8 N	2505.00
8 kVAr	QHBTCC5008X0	Warrior Super Heavy Duty 440 V 50 Hz 8 kVAr 3 PH	1 N	8 N	2675.00
10 kVAr ▲	QHBTCC5010X0	Warrior Super Heavy Duty 440 V 50 Hz 10 kVAr 3 PH	1 N	8 N	3340.00
12.5 kVAr ▲	QHBTCC5012X5	Warrior Super Heavy Duty 440 V 50 Hz 12.5 kVAr 3 PH	1 N	4 N	4175.00
15 kVAr ▲	QHBTCC5015X0	Warrior Super Heavy Duty 440 V 50 Hz 15 kVAr 3 PH	1 N	4 N	5010.00
20 kVAr ▲	QHBTCC5020X0	Warrior Super Heavy Duty 440 V 50 Hz 20 kVAr 3 PH	1 N	4 N	6680.00
25 kVAr ▲	QHBTCC5025X0	Warrior Super Heavy Duty 440 V 50 Hz 25 kVAr 3 PH	1 N	4 N	8350.00
30 kVAr	QHBTCC5030X0	Warrior Super Heavy Duty 440 V 50 Hz 30 kVAr 3 PH	1 N	4 N	10020.00
Rated Voltage 480 V AC, 3ϕ, 50 Hz, Delta Connection					
5 kVAr	QHBTCD5005X0	Warrior Super Heavy Duty 480 V 50 Hz 5 kVAr 3 PH	1 N	16 N	1725.00
7.5 kVAr	QHBTCD5007X5	Warrior Super Heavy Duty 480 V 50 Hz 7.5 kVAr 3 PH	1 N	8 N	2590.00
10 kVAr	QHBTCD5010X0	Warrior Super Heavy Duty 480 V 50 Hz 10 kVAr 3 PH	1 N	8 N	3450.00
12.5 kVAr	QHBTCD5012X5	Warrior Super Heavy Duty 480 V 50 Hz 12.5 kVAr 3 PH	1 N	4 N	4310.00
15 kVAr	QHBTCD5015X0	Warrior Super Heavy Duty 480 V 50 Hz 15 kVAr 3 PH	1 N	4 N	5170.00
20 kVAr	QHBTCD5020X0	Warrior Super Heavy Duty 480 V 50 Hz 20 kVAr 3 PH	1 N	4 N	6890.00
25 kVAr	QHBTCD5025X0	Warrior Super Heavy Duty 480 V 50 Hz 25 kVAr 3 PH	1 N	4 N	8615.00
30 kVAr	QHBTCD5030X0	Warrior Super Heavy Duty 480 V 50 Hz 30 kVAr 3 PH	1 N	4 N	10340.00
Rated Voltage 525 V AC, 3ϕ, 50 Hz, Delta Connection					
5 kVAr	QHBTCF5005X0	Warrior Super Heavy Duty 525 V 50 Hz 5 kVAr 3 PH	1 N	16 N	1725.00
7.5 kVAr	QHBTCF5007X5	Warrior Super Heavy Duty 525 V 50 Hz 7.5 kVAr 3 PH	1 N	8 N	2590.00
10 kVAr	QHBTCF5010X0	Warrior Super Heavy Duty 525 V 50 Hz 10 kVAr 3 PH	1 N	8 N	3450.00
12.5 kVAr	QHBTCF5012X5	Warrior Super Heavy Duty 525 V 50 Hz 12.5 kVAr 3 PH	1 N	4 N	4310.00
15 kVAr	QHBTCF5015X0	Warrior Super Heavy Duty 525 V 50 Hz 15 kVAr 3 PH	1 N	4 N	5170.00
20 kVAr	QHBTCF5020X0	Warrior Super Heavy Duty 525 V 50 Hz 20 kVAr 3 PH	1 N	4 N	6890.00
25 kVAr	QHBTCF5025X0	Warrior Super Heavy Duty 525 V 50 Hz 25 kVAr 3 PH	1 N	4 N	8615.00
30 kVAr	QHBTCF5030X0	Warrior Super Heavy Duty 525 V 50 Hz 30 kVAr 3 PH	1 N	4 N	10340.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

(IS: 13340 / IEC: 60831)

Mini / Master - Splendid Duty Square Capacitors

- High inrush current withstand capability.
- Output range 1 kVAr to 50 kVAr.
- Soft sticky resin to withstand high temperature and current stress.
- Penta safety protection.
- Explosion proof, low losses & high over current withstand capabilities.



HSN Code: 85321000

Rating kVAr	Item Code	Description	Standard Pack No of unit/s	Master Pack No of unit/s	Per Unit LP (₹)
Rated Voltage 440 V AC, 3%, 50 Hz, Delta Connection					
1 kVAr ▲	QHNTMC5001X0	Mini Master 440 V 50 Hz-1 kVAr 3 PH	1 N	30 N	475.00
2 kVAr ▲	QHNTMC5002X0	Mini Master 440 V 50 Hz-2 kVAr 3 PH	1 N	30 N	645.00
3 kVAr ▲	QHNTMC5003X0	Mini Master 440 V 50 Hz-3 kVAr 3 PH	1 N	24 N	965.00
4 kVAr ▲	QHNTMC5004X0	Mini Master 440 V 50 Hz-4 kVAr 3 PH	1 N	24 N	1285.00
5 kVAr ▲	QHNTMC5005X0	Mini Master 440 V 50 Hz-5 kVAr 3 PH	1 N	24 N	1500.00
6 kVAr ▲	QHNTMC5006X0	Master 440 V 50 Hz-6 kVAr 3 PH	1 N	1 N	1800.00
7.5 kVAr ▲	QHNTMC5007X5	Master 440 V 50 Hz-7.5 kVAr 3 PH	1 N	1 N	2245.00
8 kVAr ▲	QHNTMC5008X0	Master 440 V 50 Hz-8 kVAr 3 PH	1 N	1 N	2395.00
10 kVAr ▲	QHNTMC5010X0	Master 440 V 50 Hz-10 kVAr 3 PH	1 N	1 N	2995.00
12.5 kVAr ▲	QHNTMC5012X5	Master 440 V 50 Hz-12.5 kVAr 3 PH	1 N	1 N	3745.00
15 kVAr ▲	QHNTMC5015X0	Master 440 V 50 Hz-15 kVAr 3 PH	1 N	1 N	4490.00
20 kVAr ▲	QHNTMC5020X0	Master 440 V 50 Hz-20 kVAr 3 PH	1 N	1 N	5985.00
25 kVAr ▲	QHNTMC5025X0	Master 440 V 50 Hz-25 kVAr 3 PH	1 N	1 N	7480.00
30 kVAr	QHNTMC5030X0	Master 440 V 50 Hz-30 kVAr 3 PH	1 N	1 N	8975.00
50 kVAr	QHNTMC5050X0	Master 440 V 50 Hz-50 kVAr 3 PH	1 N	1 N	14960.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.



Other Ratings on request

Effective from 1st November, 2025

(IS: 13340 / IEC: 60831)

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 85**

Champ - Heavy Duty Plus Square Capacitors

- High inrush current withstand capability.
- Output range 1 kVAr to 100 kVAr.
- Soft sticky resin to withstand high temperature and current stress.
- Penta safety protection.
- Explosion proof, low losses & high over current withstand capabilities.



HSN Code: 85321000

Rating kVAr	Item Code	Description	Standard Pack No of unit/s	Master Pack No of unit/s	Per Unit LP (₹)
Rated Voltage 440 V AC, 3ϕ, 50 Hz, Delta Connection					
1 kVAr	QHBTMC5001X0	Champ 440 V 50 Hz-1 kVAr 3 PH	1 N	30 N	525.00
2 kVAr	QHBTMC5002X0	Champ 440 V 50 Hz-2 kVAr 3 PH	1 N	30 N	865.00
3 kVAr ▲	QHBTMC5003X0	Champ 440 V 50 Hz-3 kVAr 3 PH	1 N	24 N	1295.00
4 kVAr	QHBTMC5004X0	Champ 440 V 50 Hz-4 kVAr 3 PH	1 N	24 N	1730.00
5 kVAr ▲	QHBTMC5005X0	Champ 440 V 50 Hz-5 kVAr 3 PH	1 N	1 N	2090.00
6 kVAr	QHBTMC5006X0	Champ 440 V 50 Hz-6 kVAr 3 PH	1 N	1 N	2505.00
7.5 kVAr ▲	QHBTMC5007X5	Champ 440 V 50 Hz-7.5 kVAr 3 PH	1 N	1 N	3130.00
8 kVAr	QHBTMC5008X0	Champ 440 V 50 Hz-8 kVAr 3 PH	1 N	1 N	3340.00
10 kVAr ▲	QHBTMC5010X0	Champ 440 V 50 Hz-10 kVAr 3 PH	1 N	1 N	4170.00
12.5 kVAr ▲	QHBTMC5012X5	Champ 440 V 50 Hz-12.5 kVAr 3 PH	1 N	1 N	5215.00
15 kVAr ▲	QHBTMC5015X0	Champ 440 V 50 Hz-15 kVAr 3 PH	1 N	1 N	6260.00
20 kVAr ▲	QHBTMC5020X0	Champ 440 V 50 Hz-20 kVAr 3 PH	1 N	1 N	8345.00
25 kVAr ▲	QHBTMC5025X0	Champ 440 V 50 Hz-25 kVAr 3PH	1 N	1 N	10430.00
30 kVAr	QHBTMC5030X0	Champ 440 V 50 Hz-30 kVAr 3 PH	1 N	1 N	12515.00
50 kVAr	QHBTMC5050X0	Champ 440 V 50 Hz-50 kVAr 3 PH	1 N	1 N	21935.00
Rated Voltage 480 V AC, 3ϕ, 50 Hz, Delta Connection					
5 kVAr	QHBTMD5005X0	Champ 480 V 50 Hz-5 kVAr 3 PH	1 N	1 N	2245.00
6 kVAr	QHBTMD5006X0	Champ 480 V 50 Hz-6 kVAr 3 PH	1 N	1 N	2695.00
7.5 kVAr	QHBTMD5007X5	Champ 480 V 50 Hz-7.5 kVAr 3 PH	1 N	1 N	3370.00
10 kVAr	QHBTMD5010X0	Champ 480 V 50 Hz-10 kVAr 3 PH	1 N	1 N	4490.00
12.5 kVAr	QHBTMD5012X5	Champ 480 V 50 Hz-12.5 kVAr 3 PH	1 N	1 N	5610.00
15 kVAr	QHBTMD5015X0	Champ 480 V 50 Hz-15 kVAr 3 PH	1 N	1 N	6735.00
20 kVAr	QHBTMD5020X0	Champ 480 V 50 Hz-20 kVAr 3 PH	1 N	1 N	8975.00
25 kVAr	QHBTMD5025X0	Champ 480 V 50 Hz-25 kVAr 3 PH	1 N	1 N	11220.00
30 kVAr	QHBTMD5030X0	Champ 480 V 50 Hz-30 kVAr 3 PH	1 N	1 N	13465.00
50 kVAr	QHBTMD5050X0	Champ 480 V 50 Hz-50 kVAr 3 PH	1 N	1 N	22440.00
Rated Voltage 525 V AC, 3ϕ, 50 Hz, Delta Connection					
5 kVAr	QHBTMF5005X0	Champ 525 V 50 Hz-5 kVAr 3 PH	1 N	1 N	2245.00
6 kVAr	QHBTMF5006X0	Champ 525 V 50 Hz-6 kVAr 3 PH	1 N	1 N	2695.00
7.5 kVAr	QHBTMF5007X5	Champ 525 V 50 Hz-7.5 kVAr 3 PH	1 N	1 N	3370.00
10 kVAr	QHBTMF5010X0	Champ 525 V 50 Hz-10 kVAr 3 PH	1 N	1 N	4490.00
12.5 kVAr	QHBTMF5012X5	Champ 525 V 50 Hz-12.5 kVAr 3 PH	1 N	1 N	5610.00
15 kVAr	QHBTMF5015X0	Champ 525 V 50 Hz-15 kVAr 3 PH	1 N	1 N	6735.00
20 kVAr	QHBTMF5020X0	Champ 525 V 50 Hz-20 kVAr 3 PH	1 N	1 N	8975.00
25 kVAr	QHBTMF5025X0	Champ 525 V 50 Hz-25 kVAr 3 PH	1 N	1 N	11220.00
30 kVAr	QHBTMF5030X0	Champ 525 V 50 Hz-30 kVAr 3 PH	1 N	1 N	13465.00
50 kVAr	QHBTMF5050X0	Champ 525 V 50 Hz-50 kVAr 3 PH	1 N	1 N	23150.00

**Higher Rating above 50 kVAr available on request.

▲ Stockable Item
For details on technical parameters & non stockable items contact nearest sales office.

(IS: 13340 / IEC: 60831)

Champion - SHD Square Capacitors

- High inrush current withstand capability.
- Output range 1 kVAr to 100 kVAr.
- Soft sticky resin to withstand high temperature and current stress.
- Penta safety protection.
- Explosion proof, low losses & high over current withstand capabilities.



HSN Code: 85321000

Rating kVAr	Item Code	Description	Standard Pack No of unit/s	Master Pack No of unit/s	Per Unit LP (₹)
Rated Voltage 440 V AC, 3ϕ, 50 Hz, Delta Connection					
1 kVAr	QHSTMC5001X0	Champion 440 V 50 Hz-1 kVAr 3 PH	1 N	16 N	1205.00
2 kVAr	QHSTMC5002X0	Champion 440 V 50 Hz-2 kVAr 3 PH	1 N	1 N	2400.00
3 kVAr	QHSTMC5003X0	Champion 440 V 50 Hz-3 kVAr 3 PH	1 N	1 N	3600.00
4 kVAr	QHSTMC5004X0	Champion 440 V 50 Hz-4 kVAr 3 PH	1 N	1 N	4175.00
5 kVAr	QHSTMC5005X0	Champion 440 V 50 Hz-5 kVAr 3 PH	1 N	1 N	4215.00
6 kVAr	QHSTMC5006X0	Champion 440 V 50 Hz-6 kVAr 3 PH	1 N	1 N	4765.00
7.5 kVAr	QHSTMC5007X5	Champion 440 V 50 Hz-7.5 kVAr 3 PH	1 N	1 N	5955.00
8 kVAr	QHSTMC5008X0	Champion 440 V 50 Hz-8 kVAr 3 PH	1 N	1 N	6355.00
10 kVAr	QHSTMC5010X0	Champion 440 V 50 Hz-10 kVAr 3 PH	1 N	1 N	7940.00
12.5 kVAr	QHSTMC5012X5	Champion 440 V 50 Hz-12.5 kVAr 3 PH	1 N	1 N	9925.00
15 kVAr	QHSTMC5015X0	Champion 440 V 50 Hz-15 kVAr 3 PH	1 N	1 N	11905.00
20 kVAr	QHSTMC5020X0	Champion 440 V 50 Hz-20 kVAr 3 PH	1 N	1 N	15875.00
25 kVAr	QHSTMC5025X0	Champion 440 V 50 Hz-25 kVAr 3 PH	1 N	1 N	19845.00
30 kVAr	QHSTMC5030X0	Champion 440 V 50 Hz-30 kVAr 3 PH	1 N	1 N	24870.00
50 kVAr	QHSTMC5050X0	Champion 440 V 50 Hz-50 kVAr 3 PH	1 N	1 N	41450.00
Rated Voltage 480 V AC, 3ϕ, 50 Hz, Delta Connection					
5 kVAr	QHSTMD5005X0	Champion 480 V 50 Hz-5 kVAr 3 PH	1 N	1 N	4255.00
6 kVAr	QHSTMD5006X0	Champion 480 V 50 Hz-6 kVAr 3 PH	1 N	1 N	4815.00
7.5 kVAr	QHSTMD5007X5	Champion 480 V 50 Hz-7.5 kVAr 3 PH	1 N	1 N	6015.00
10 kVAr	QHSTMD5010X0	Champion 480 V 50 Hz-10 kVAr 3 PH	1 N	1 N	8020.00
12.5 kVAr	QHSTMD5012X5	Champion 480 V 50 Hz-12.5 kVAr 3 PH	1 N	1 N	10025.00
15 kVAr	QHSTMD5015X0	Champion 480 V 50 Hz-15 kVAr 3 PH	1 N	1 N	12030.00
20 kVAr	QHSTMD5020X0	Champion 480 V 50 Hz-20 kVAr 3 PH	1 N	1 N	16035.00
25 kVAr	QHSTMD5025X0	Champion 480 V 50 Hz-25 kVAr 3 PH	1 N	1 N	20045.00
30 kVAr	QHSTMD5030X0	Champion 480 V 50 Hz-30 kVAr 3 PH	1 N	1 N	25120.00
50 kVAr	QHSTMD5050X0	Champion 480 V 50 Hz-50 kVAr 3 PH	1 N	1 N	41865.00
Rated Voltage 525 V AC, 3ϕ, 50 Hz, Delta Connection					
5 kVAr	QHSTMF5005X0	Champion 525 V 50 Hz-5 kVAr 3 PH	1 N	1 N	4300.00
6 kVAr	QHSTMF5006X0	Champion 525 V 50 Hz-6 kVAr 3 PH	1 N	1 N	4860.00
7.5 kVAr	QHSTMF5007X5	Champion 525 V 50 Hz-7.5 kVAr 3 PH	1 N	1 N	6075.00
10 kVAr	QHSTMF5010X0	Champion 525 V 50 Hz-10 kVAr 3 PH	1 N	1 N	8100.00
12.5 kVAr	QHSTMF5012X5	Champion 525 V 50 Hz-12.5 kVAr 3 PH	1 N	1 N	10125.00
15 kVAr	QHSTMF5015X0	Champion 525 V 50 Hz-15 kVAr 3 PH	1 N	1 N	12150.00
20 kVAr	QHSTMF5020X0	Champion 525 V 50 Hz-20 kVAr 3 PH	1 N	1 N	16200.00
25 kVAr	QHSTMF5025X0	Champion 525 V 50 Hz-25 kVAr 3 PH	1 N	1 N	20245.00
30 kVAr	QHSTMF5030X0	Champion 525 V 50 Hz-30 kVAr 3 PH	1 N	1 N	25375.00
50 kVAr	QHSTMF5050X0	Champion 525 V 50 Hz-50 kVAr 3 PH	1 N	1 N	42290.00

**Higher Rating above 50 kVAr available on request.

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

(IS: 13340)

Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 87**

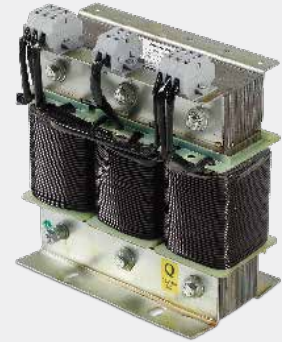
Harmonic Detuned Reactor

Range:

- 1 kVAr to 100 kVAr
- Available in: Copper & Aluminium
- Detuning Factor: 7% and 14% corresponding to tuning Frequencies of 190 Hz and 135 Hz for the base of 50 Hz
- Rated Operational Voltage: 380 V to 690 V
- linearity : 185% to 225% of In

Features:

- High linearity 185% to 225%
- Insulation Class H
- Temperature protection - NC contact (UL Approved)
- Long expected life time
- Low noise & very low losses
- Compliance to IEC 61558



Selection Chart: Capacitor voltage and kVAr selection for 7% and 14% reactors

Effective kVAr output	With 7% detuned reactor		With 14% detuned reactor	
	Reactor (440 V)	Capacitor (480 V)**	Reactor (440 V)	Capacitor (525 V)**
5 kVAr	5 kVAr	6 kVAr / 480 V	5 kVAr	6 kVAr / 525 V
10 kVAr	10 kVAr	12.5 kVAr / 480 V	10 kVAr	12.5 kVAr / 525 V
12.5 kVAr	12.5 kVAr	15 kVAr / 480 V	12.5 kVAr	15 kVAr / 525 V
15 kVAr	15 kVAr	20 kVAr / 480 V	15 kVAr	20 kVAr / 525 V
20 kVAr	20 kVAr	25 kVAr / 480 V	20 kVAr	25 kVAr / 525 V
25 kVAr	25 kVAr	30 kVAr / 480 V	25 kVAr	30 kVAr / 525 V
50 kVAr	50 kVAr	60 kVAr / 480 V	50 kVAr	60 kVAr / 525 V
75 kVAr	75 kVAr	90 kVAr / 480 V	75 kVAr	90 kVAr / 525 V
100 kVAr	100 kVAr	120 kVAr / 480 V	100 kVAr	120 kVAr / 525 V



Harmonic Detuned Reactor Aluminium

HSN Code: 85049090

Rating kVAr	Cat. Code	Description	Per Unit LP (₹)
Rated Voltage 440 V AC, F = 50 Hz, P = 7% (Fr = 189 Hz) / Linearity: L > 0.95 Lr for current up to 1.85 . I1 (Aluminium)			
1 kVAr	QHHTLCV001X0	H. D.- REACTOR, 7% AL, 01 kVAr 440 V AC	6065.00
2 kVAr	QHHTLCV002X0	H. D.- REACTOR, 7% AL, 02 kVAr 440 V AC	6615.00
3 kVAr	QHHTLCV003X0	H. D.- REACTOR, 7% AL, 03 kVAr 440 V AC	7490.00
4 kVAr	QHHTLCV004X0	H. D.- REACTOR, 7% AL, 04 kVAr 440 V AC	7965.00
5 kVAr	QHHTLCV005X0	H. D.- REACTOR, 7% AL, 05 kVAr 440 V AC	9820.00
10 kVAr	QHHTLCV010X0	H. D.- REACTOR, 7% AL, 10 kVAr 440 V AC	11945.00
12.5 kVAr	QHHTLCV012X5	H. D.- REACTOR, 7% AL, 12.5 kVAr 440 V AC	12210.00
15 kVAr	QHHTLCV015X0	H. D.- REACTOR, 7% AL, 15 kVAr 440 V AC	17385.00
20 kVAr	QHHTLCV020X0	H. D.- REACTOR, 7% AL, 20 kVAr 440 V AC	19110.00
25 kVAr	QHHTLCV025X0	H. D.- REACTOR, 7% AL, 25 kVAr 440 V AC	19770.00
50 kVAr	QHHTLCV050X0	H. D.- REACTOR, 7% AL, 50 kVAr 440 V AC	31565.00
75 kVAr	QHHTLCV075X0	H. D.- REACTOR, 7% AL, 75 kVAr 440 V AC	52280.00
100 kVAr	QHHTLCV100X0	H. D.- REACTOR, 7% AL, 100 kVAr 440 V AC	59710.00
Rated Voltage 440 V AC, F = 50 Hz, P = 14% (Fr = 189 Hz) / Linearity: L > 0.95 Lr for current up to 1.85 . I1 (Aluminium)			
5 kVAr	QHHTLCW005X0	H. D.- REACTOR, 14% AL, 05 kVAr 440 V AC	Price on Request
10 kVAr	QHHTLCW010X0	H. D.- REACTOR, 14% AL, 10 kVAr 440 V AC	
12.5 kVAr	QHHTLCW012X5	H. D.- REACTOR, 14% AL, 12.5 kVAr 440 V AC	
15 kVAr	QHHTLCW015X0	H. D.- REACTOR, 14% AL, 15 kVAr 440 V AC	
20 kVAr	QHHTLCW020X0	H. D.- REACTOR, 14% AL, 20 kVAr 440 V AC	
25 kVAr	QHHTLCW025X0	H. D.- REACTOR, 14% AL, 25 kVAr 440 V AC	
50 kVAr	QHHTLCW050X0	H. D.- REACTOR, 14% AL, 50 kVAr 440 V AC	
75 kVAr	QHHTLCW075X0	H. D.- REACTOR, 14% AL, 75 kVAr 440 V AC	
100 kVAr	QHHTLCW100X0	H. D.- REACTOR, 14% AL, 100 kVAr 440 V AC	

Harmonic Detuned Reactor Copper

HSN Code: 85049090

Rating kVAr	Cat. Code	Description	Per Unit LP (₹)
Rated Voltage 440 V AC, F = 50 Hz, P = 7% (Fr = 133 Hz) / Linearity: L > 0.95 Lr for current up to 1.85 . I1, (Copper)			
1 kVAr	QHHTLCV001X0	H. D.- REACTOR, 7% CU, 01 kVAr 440 V AC	8355.00
2 kVAr	QHHTLCV002X0	H. D.- REACTOR, 7% CU, 02 kVAr 440 V AC	9125.00
3 kVAr	QHHTLCV003X0	H. D.- REACTOR, 7% CU, 03 kVAr 440 V AC	10345.00
4 kVAr	QHHTLCV004X0	H. D.- REACTOR, 7% CU, 04 kVAr 440 V AC	10995.00
5 kVAr	QHHTLCV005X0	H. D.- REACTOR, 7% CU, 05 kVAr 440 V AC	12815.00
10 kVAr	QHHTLCV010X0	H. D.- REACTOR, 7% CU, 10 kVAr 440 V AC	17910.00
12.5 kVAr	QHHTLCV012X5	H. D.- REACTOR, 7% CU, 12.5 kVAr 440 V AC	18425.00
15 kVAr	QHHTLCV015X0	H. D.- REACTOR, 7% CU, 15 kVAr 440 V AC	26405.00
20 kVAr	QHHTLCV020X0	H. D.- REACTOR, 7% CU, 20 kVAr 440 V AC	27330.00
25 kVAr	QHHTLCV025X0	H. D.- REACTOR, 7% CU, 25 kVAr 440 V AC	27845.00
50 kVAr	QHHTLCV050X0	H. D.- REACTOR, 7% CU, 50 kVAr 440 V AC	42000.00
75 kVAr	QHHTLCV075X0	H. D.- REACTOR, 7% CU, 75 kVAr 440 V AC	69270.00
100 kVAr	QHHTLCV100X0	H. D.- REACTOR, 7% CU, 100 kVAr 440 V AC	89025.00
Rated Voltage 440 V AC, F = 50 Hz, P = 14% (Fr = 189 Hz) / Linearity: L > 0.95 Lr for current up to 1.85 . I1 (Copper)			
5 kVAr	QHHTLCW005X0	H. D.- REACTOR, 14% CU, 05 kVAr 440 V AC	Price on Request
10 kVAr	QHHTLCW010X0	H. D.- REACTOR, 14% CU, 10 kVAr 440 V AC	
12.5 kVAr	QHHTLCW012X5	H. D.- REACTOR, 14% CU, 12.5 kVAr 440 V AC	
15 kVAr	QHHTLCW015X0	H. D.- REACTOR, 14% CU, 15 kVAr 440 V AC	
20 kVAr	QHHTLCW020X0	H. D.- REACTOR, 14% CU, 20 kVAr 440 V AC	
25 kVAr	QHHTLCW025X0	H. D.- REACTOR, 14% CU, 25 kVAr 440 V AC	
50 kVAr	QHHTLCW050X0	H. D.- REACTOR, 14% CU, 50 kVAr 440 V AC	
75 kVAr	QHHTLCW075X0	H. D.- REACTOR, 14% CU, 75 kVAr 440 V AC	
100 kVAr	QHHTLCW100X0	H. D.- REACTOR, 14% CU, 100 kVAr 440 V AC	

▲ Stockable Item

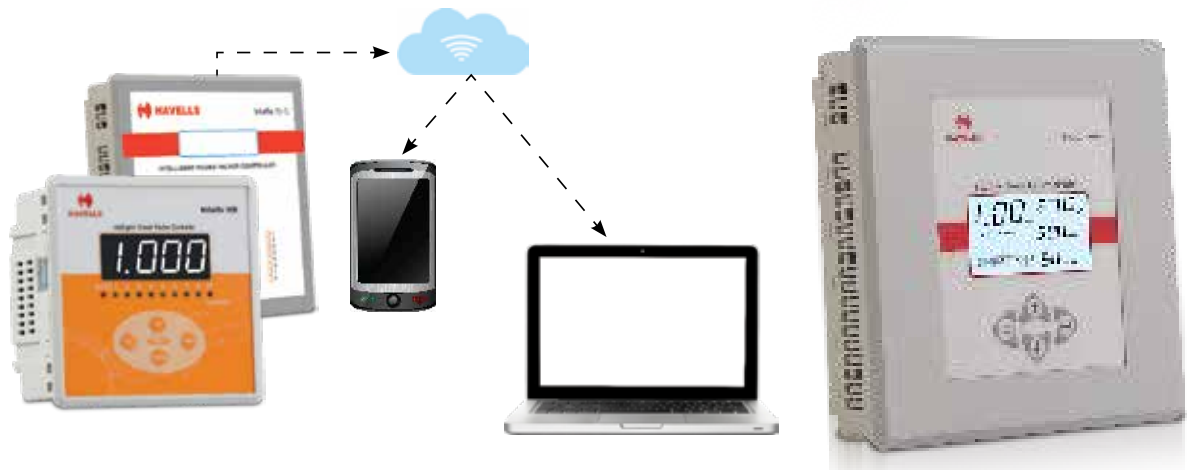
For details on technical parameters & non stockable items contact nearest sales office.

Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 89**

Intelligent Power Factor Controller

IEC: 61010-1



Range:

- 08 and 12 Steps
- 1CT & 3 CT version
- 7 segment LED display
- Size: 96 mm x 96 mm & 144 mm x 144 mm

Features:

- LCD Type with dual colour backlight
- Auxiliary supply 90 V AC - 550 V AC
- Dual Password Protection
- Automatic CT Polarity detection
- NTC Temperature Sensor
- Communication Interface RS 485 & ModBus RTU (Only for 12 Relay option)
- Power Factor Measurement Range: 0.8 lag to 0.8 lead
- Advance Micro-Controller based logic
- Data logging facility (optional)

HSN Code: 85364900

Steps	Item Code	Description	Standard Pack No of unit/s	Master Pack No of unit/s	Per Unit LP (₹)
Intelligent Power Factor Controller (IPFC CS- 1001) 1 CT					
8 ▲	QHOSBS5D0008	IPFC CS 96 x 96	1 N	5 N	7440.00
8 ▲	QHOSBS5N0008	IPFC CS 144 x 144	1 N	5 N	12290.00
12 ▲	QHOSBS5N0012	IPFC CS 1001-112-90 V / 550 V AC 144 x 144	1 N	5 N	14265.00
Intelligent Power Factor Controller (IPFC CS- 1003) 3 CT					
8 ▲	QHOTBS5H0008	IPFC CS 1001-112-90 V / 550 V AC 144 x 144	1 N	5 N	19700.00
12 ▲	QHOTBS5H0012	IPFC CS 1003-312-90 V / 550 V AC 144 x 144	1 N	5 N	24575.00

Capacitor Switching Solutions

Thyristor Switch

- Fast Switching Speed
- High power handling capacity
- Low losses
- Reliability and longevity
- Real time power factor correction



HSN Code: 85371000

Cat. Code	Description	Per Unit LP (₹)
QHZCF00111	Thyristor Switch 15 kVAr	33315.00
QHZCF00121	Thyristor Switch 25 kVAr	38010.00
QHZCF00131	Thyristor Switch 50 kVAr	45705.00
QHZCF00141	Thyristor Switch 100 kVAr	68775.00

Other Ratings on request

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

90 HAVELLS Effective from 1st November, 2025

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions

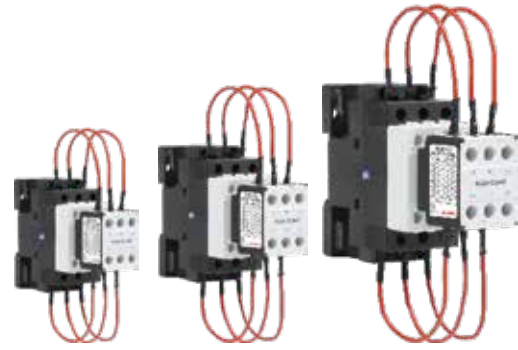
Magnetic Contactor

Capacitor Duty Contactor



Features:

- Range : 3 kVAr to 66 kVAr
- De-latching Type design of Resistor Switching Block
- Low VA Burden Wide operating band coils with Class H Insulation
- Common accessories with HGS Range
- High Operating Frequency - 240 Operations per hour
- Handle high inrush current capability
- Utilization category AC-6b
- Finger proof IP20 terminals



HSN Code: 85369090

Frame Size	kVAr Rating AC-6b	Inst. Aux. Contact		Item Code	Per Unit LP (₹)
	415 V / 440 V	NO	NC		
1	3 kVAr ▲	1	0	IHPHE003110*	2835.00
	3 kVAr	0	1	IHPHE003101*	2835.00
	5 kVAr ▲	1	0	IHPHE005110*	2975.00
	5 kVAr	0	1	IHPHE005101*	2975.00
	10 kVAr ▲	1	0	IHPHE010110*	3600.00
	10 kVAr	0	1	IHPHE010101*	3600.00
	12.5 kVAr	1	0	IHPHE12X110*	4070.00
	12.5 kVAr	0	1	IHPHE12X101*	4070.00
	15 kVAr ▲	1	0	IHPHE015110*	4985.00
	15 kVAr	0	1	IHPHE015101*	4985.00
2	20 kVAr ▲	1	0	IHPHE020210*	5480.00
	20 kVAr	0	1	IHPHE020201*	5480.00
	25 kVAr ▲	1	0	IHPHE025210*	6245.00
	25 kVAr	0	1	IHPHE025201*	6245.00
	33.3 kVAr	1	0	IHPHE33X210*	9055.00
	33.3 kVAr	0	1	IHPHE33X201*	9055.00
3	33.3 kVAr	1	1	IHPHE33X311*	10915.00
	40 kVAr	2	2	IHPHE040322*	16775.00
4	50 kVAr ▲	2	2	IHPHE050422*	17455.00
	66 kVAr	2	2	IHPHE066422*	20475.00

*To complete the Item Code suffix the coil voltage from the coil voltage table
33.3 kVAr contactor in Frame-3 can be used where higher terminal capacity is required.

Coil Voltage Selection Table

3 kVAr - 66 kVAr AC Coil

Product	110 V AC	240 V AC	415 V AC	150 V AC - 300 V AC	260 V AC - 440 V AC
HGS Capacitor Duty Contactor (3 kVAr - 66 kVAr)	H	N ▲	T	S ▲	W

▲ Stockable Item
For details on technical parameters & non stockable items contact nearest sales office.



HAVELLS

Why pay more due to low Power Factor

INSTALL APFC PANEL & SAVE MONEY BY REDUCING kVAh

Is still there a difference in kVAh and kWh in your Electricity Bill due to low Power Factor?

20	334240 kVAh
20	318980 kWh
	1404 kVA

Features

- Ergonomic, compact and robust design
- Designed with 100% copper conductor
- Advance C-MOS technology based micro processor for intelligent power factor control

Automatic temp. control through fans and louvers in panel



Smarty - Automatic Power Factor Correction Panel

INDUSTRY 4.0

Fully encapsulated, shielded, dust & vermin proof copper busbar design, ensuring optimal safety for users with minimal losses and a compact foot print

Welcome to the world of digitalization and Industry 4.0. Industry 4.0, comprises of Data exchange, Automation, Internet of the things and Cloud computing which prepares manufacturing technologies more efficient and smart. Havells (HGS) Contactors and starters are manufactured through Industry 4.0.

Range

- ▶ Output Rating: 10 kVAR - 350 kVAR as a standard SKU
- ▶ Other ratings 350 kVAR above on request
- ▶ Switching: Contactor / Thyristorised (Ultra Fast)
- ▶ APFC with Thyristor available on request

Features

- ▶ Ergonomic, compact and robust design
- ▶ Designed with Fully copper conductor
- ▶ Super Heavy Duty Capacitor for long life
- ▶ Advance C-MOS technology based micro processor relay for intelligent power factor control
- ▶ Air core reactor for extra safety from inrush current (High currents)
- ▶ Automatic temp. control through fans and louvers in panel

Construction

- ▶ Manufactured with highly precise modern Amada CNC machine
- ▶ 11 tank process for corrosion proof powder coating
- ▶ Provision of top and bottom cable entry
- ▶ Double side earthing connection
- ▶ IP 30 & above as per customer demand
- ▶ Ref. Standard: IS 16636 / IEC 61439

Principle Operation

- ▶ To continuously sense and monitor the load conditions by the use of the external CT (whose output is fed to the control relay).
- ▶ To automatically switch ON and switch OFF relevant capacitor steps to ensure consistent power factor.
- ▶ To ensure easy user interface for enabling reliable understanding of system operation, such as display of real time power factor, number of switching operations carried out etc.
- ▶ To protect against any electrical faults in a manner that will ensure safe isolation of the power factor correction equipment.

Smarty - Automatic Power Factor Correction Panel

IEC: 61921 / IS: 16636

APFC Panel without Reactor

HSN Code: 85371000

Rating kVAr	Cat. Code	Description	Main Incomer	Per Unit LP (₹)
Rated Voltage 415 V AC, 3 ϕ , 50 Hz, Delta Connection, Super Heavy Duty Cylindrical Capacitor				
15 kVAr	QHXTCB5015X0	15 kVAr / 415 V APFC Panel CYCAP	MCB 40 A / 10 kA	78750.00
20 kVAr	QHXTCB5020X0	20 kVAr / 415 V APFC Panel CYCAP	MCB 40 A / 10 kA	85050.00
25 kVAr	QHXTCB5025X0	25 kVAr / 415 V APFC Panel CYCAP	MCB 63 A / 10 kA	95025.00
30 kVAr	QHXTCB5030X0	30 kVAr / 415 V APFC Panel CYCAP	MCB 63 A / 10 kA	113400.00
40 kVAr	QHXTCB5040X0	40 kVAr / 415 V APFC Panel CYCAP	MCCB 100 A / 25 kA	154550.00
50 kVAr	QHXTCB5050X0	50 kVAr / 415 V APFC Panel CYCAP	MCCB 100 A / 25 kA	174090.00
75 kVAr	QHXTCB5075X0	75 kVAr / 415 V APFC Panel CYCAP	MCCB 160 A / 25 kA	257250.00
80 kVAr	QHXTCB5080X0	80 kVAr / 415 V APFC Panel CYCAP	MCCB 160 A / 25 kA	273525.00
100 kVAr	QHXTCB5100X0	100 kVAr / 415 V APFC Panel CYCAP	MCCB 160 A / 25 kA	299775.00
125 kVAr	QHXTCB5125X0	125 kVAr / 415 V APFC Panel CYCAP	MCCB 250 A / 25 kA	414750.00
150 kVAr	QHXTCB5150X0	150 kVAr / 415 V APFC Panel CYCAP	MCCB 320 A / 35 kA	471975.00
175 kVAr	QHXTCB5175X0	175 kVAr / 415 V APFC Panel CYCAP	MCCB 320 A / 35 kA	521850.00
200 kVAr	QHXTCB5200X0	200 kVAr / 415 V APFC Panel CYCAP	MCCB 400 A / 35 kA	598185.00
250 kVAr	QHXTCB5250X0	250 kVAr / 415 V APFC Panel CYCAP	MCCB 500 A / 35 kA	740985.00
300 kVAr	QHXTCB5300X0	300 kVAr / 415 V APFC Panel CYCAP	MCCB 630 A / 50 kA	855750.00
350 kVAr	QHXTCB5350X0	350 kVAr / 415 V APFC Panel CYCAP	MCCB 630 A / 50 kA	963375.00

* for Higher rating please contact our branch office

APFC Technical Details

Rating kVAr	Stages	Dimensions HeightXWidthXDepth (mm)
Rated Voltage 415 V AC, 3 ϕ , 50 Hz, Delta Connection, Super Heavy Duty Cylindrical Capacitor		
15 kVAr	2 (4 kVAr) + 3 (2 kVAr) + 1 (1 kVAr)	(650x600x200) mm
20 kVAr	2 (5 kVAr) + 2 (3 kVAr) + 2 (2 kVAr)	(650x600x200) mm
25 kVAr	4 (5 kVAr) + 1 (3 kVAr) + 1 (2 kVAr)	(650x600x200) mm
30 kVAr	1 (10 kVAr) + 3 (5 kVAr) + 1 (3 kVAr) + 1 (2 kVAr)	(900x600x200) mm
40 kVAr	2 (12.5 kVAr) + 2 (5 kVAr) + 1 (3 kVAr) + 1 (2 kVAr)	(900x600x200) mm
50 kVAr	3 (12.5 kVAr) + 1 (7.5 kVAr) + 1 (3 kVAr) + 1 (2 kVAr)	(900x600x200) mm
75 kVAr	2 (20 kVAr) + 2 (10 kVAr) + 2 (5 kVAr) + 1 (3 kVAr) + 1 (2 kVAr)	(1100x700x250) mm
80 kVAr	2 (20 kVAr) + 2 (12.5 kVAr) + 2 (5 kVAr) + 1 (3 kVAr) + 1 (2 kVAr)	(1100x700x250) mm
100 kVAr	4 (20 kVAr) + 1 (10 kVAr) + 1 (5 kVAr) + 1 (3 kVAr) + 1 (2 kVAr)	(1100x700x250) mm
125 kVAr	1 (50 kVAr) + 2 (25 kVAr) + 1 (10 kVAr) + 2 (5 kVAr) + 1 (3 kVAr) + 1 (2 kVAr)	(1175x800x540) mm
150 kVAr	2 (50 kVAr) + 1 (25 kVAr) + 1 (10 kVAr) + 2 (5 kVAr) + 1 (3 kVAr) + 1 (2 kVAr)	(1175x800x540) mm
175 kVAr	2 (50 kVAr) + 2 (25 kVAr) + 1 (10 kVAr) + 3 (5 kVAr)	(1175x800x540) mm
200 kVAr	3 (50 kVAr) + 1 (25 kVAr) + 1 (10 kVAr) + 3 (5 kVAr)	(1175x800x540) mm
250 kVAr	4 (50 kVAr) + 1 (25 kVAr) + 2 (10 kVAr) + 1 (5 kVAr)	(1175x800x540) mm
300 kVAr	1 (100 kVAr) + 3 (50 kVAr) + 1 (25 kVAr) + 2 (10 kVAr) + 1 (5 kVAr)	(1675x1200x700) mm
350 kVAr	2 (100 kVAr) + 2 (50 kVAr) + 1 (25 kVAr) + 2 (10 kVAr) + 1 (5 kVAr)	(1675x1200x700) mm

APFC Panel with Detuned Reactor / Thyristor Switching

Rating kVAr	Cat. Code	Description	Per Unit LP (₹)
10 kVAr - 1000 kVAr		10 kVAr -1000 kVAr APFC Panel	Price on Request

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

Active Harmonic Filters & SVG Panels Stack Design



IEEE 519-2014 Guidelines for Harmonics Limits

Table 2 - Current distortion limits for systems rated 120 V through 69 kV

Maximum harmonic current distortion in percent of I_L						
Individual harmonic order (odd harmonics) ^{a, b}						
I_h/I_L	$3 \leq h < 11$	$11 \leq h < 17$	$17 \leq h < 23$	$23 \leq h < 35$	$35 \leq h \leq 50$	TDD
<20	4.0	2.0	1.5	0.6	0.3	5.0
20<50	7.0	3.5	2.5	1.0	0.5	8.0
50<100	10.0	4.5	4.0	1.5	0.7	12.0
100<1000	12.0	5.5	5.0	2.0	1.0	15.0
>1000	15.0	7.0	6.0	2.5	1.4	20.0

AHF Technical



System Connection	3 P / 3 W or 3 P / 4 W
Design	Stack / Modular Design
Input Voltage	415 V (+/-10%) and 50 Hz (+/-)5% other rating on request
Phase compensation current range	15 A - 1000 A (other ratings on request)
Technology	Two Level Topology / Three Level Topology
Harmonic filtration range	2nd to 51st order
Individual harmonic selection	Available
Power factor compensation	100% (Lead / Lag)
Load Balancing	Negative Sequence Compensation (Zero Sequence compensation in 3 P / 4 W range)
Neutral Current Compensation	Available
Reaction time	<0.3 ms
Interface (Communication)	GSM, MODBUS RTU, USB, Ethernet, Profibus Compatible
IP Protection Class	IP-30 and higher on request
System Cooling	Forced air colling
Overheating Protection	Yes
Relative Humidity	96% (Non condensing)
Ambient Temperature	No deration upto 50 °C

Rating	Cat. Code	Description	Per Unit LP (₹)
50 A - 1000 A		50 A -1000 A AHF Panel	Price on Request
50 kVAr - 1000 kVAr		50 kVAr -1000 kVAr SVG Panel	



Active Harmonic Filters / SVG Modules

Features

- Compact Design
- 3Phase 3 wire, 3Phase 4 wire
- Complete Harmonics Mitigation
- Compliance of IEEE 519
- Load Balancing
- Step Less Power Factor Correction
- Neutral Compensation
- Reduction of power losses
- IGBT based Ultra fast compensation



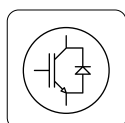
Rating in (A)	Cat No.	Description	Per Unit MRP (₹)
30 A	On Request	30 A / 415 AHF Module	On Request
50 A		50 A / 415 AHF Module	
75 A		75 A / 415 AHF Module	
100 A		100 A / 415 AHF Module	
125 A		125 A / 415 AHF Module	
150 A		150 A / 415 AHF Module	



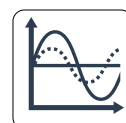
Rating in (kVAr)	Cat No.	Description	Per Unit MRP (₹)
30 kVAr	On Request	30 A / 415 SVG Module	On Request
50 kVAr		50 A / 415 SVG Module	
75 kVAr		75 A / 415 SVG Module	
100 kVAr		100 A / 415 SVG Module	
125 kVAr		125 A / 415 SVG Module	
150 kVAr		150 A / 415 SVG Module	



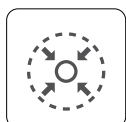
Reduction of power losses



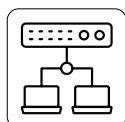
IGBT Based Technology



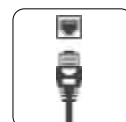
Harmonic Corrections



Compliance of IEEE 519



Load Balancing



Communication with RS-485 Port

Consulting, Optimizing & Delivering Performance

Power Quality Audit Scope

- Capturing load profile of all relevant sections (with non linear loads) starting with the PCC.
- Checking effectiveness of installed Reactive power compensation system
- Identify zones of failures harmonic.
- Study electricity bills and identify scope of optimization in energy consumption pattern.

Final Deliverables

- A summary of various electrical parameters & recorded trends.
- Analysis of above data mentioning Key high lights
- Recommended Solution address the various power quality issues identified
- Estimate Potential Saving - Estimate the direct savings and provide ROI calculation (wherever applicable).



Agriculture Duty Capacitor



- Range : 1 kVAr to 15 kVAr
- Voltage 415 V
- MPP SH, Resin Velled
- Low Watt loss

Agri Boost Cylindrical Capacitors for Agriculture Applications

HSN Code: 85321000

Rating kVAr	Item Code	Description	Standard Pack No of unit/s	Master Pack No of unit/s	Per Unit LP (₹)
Rated Voltage 415 V AC, 3φ, 50 Hz, Delta Connection					
1 kVAr ▲	QHATCB5001X0	AGRI BOOST ND 415 V 50 Hz-1 kVAr 3 PH	1 N	16 N	370.00
2 kVAr ▲	QHATCB5002X0	AGRI BOOST ND 415 V 50 Hz-2 kVAr 3 PH	1 N	16 N	415.00
3 kVAr ▲	QHATCB5003X0	AGRI BOOST ND 415 V 50 Hz-3 kVAr 3 PH	1 N	16 N	605.00
4 kVAr ▲	QHATCB5004X0	AGRI BOOST ND 415 V 50 Hz-4 kVAr 3 PH	1 N	16 N	750.00
5 kVAr ▲	QHATCB5005X0	AGRI BOOST ND 415 V 50 Hz-5 kVAr 3 PH	1 N	16 N	905.00
6 kVAr ▲	QHATCB5006X0	AGRI BOOST ND 415 V 50 Hz-6 kVAr 3 PH	1 N	16 N	1085.00
7.5 kVAr	QHATCB5007X5	AGRI BOOST ND 415 V 50 Hz-7.5 kVAr 3 PH	1 N	16 N	1355.00
8 kVAr ▲	QHATCB5008X0	AGRI BOOST ND 415 V 50 Hz-8 kVAr 3 PH	1 N	16 N	1445.00
10 kVAr ▲	QHATCB5010X0	AGRI BOOST ND 415 V 50 Hz-10 kVAr 3 PH	1 N	16 N	1805.00
12.5 kVAr ▲	QHATCB5012X5	AGRI BOOST ND 415 V 50 Hz-12.5 kVAr 3 PH	1 N	8 N	2255.00
15 kVAr ▲	QHATCB5015X0	AGRI BOOST ND 415 V 50 Hz-15 kVAr 3 PH	1 N	8 N	2705.00

▲ Stockable Item

For details on technical parameters & non stockable items contact nearest sales office.

(IS: 13340)



HAVELLS

REGIONAL & BRANCH OFFICES:

NORTH - REGIONAL OFFICE: Corporate Office: QRG Towers, 2D, Sector-126, Expressway, Noida-201304, Tel: 0120-3331000, Delhi: 011-47676700, 23888200, Chandigarh: 0172-4232400-401, Dehradun: 0135-6670202, Haldwani: 05946-222935/222933, Noida / Haryana: 0120-3331000, Ludhiana: 0161-4676000/24, Amritsar: 0183-5202400/401, Jammu: 0191-2478330, 2479330, Sri Nagar: 0194-2459248, Jaipur: 0141-4211000, 4211011, Jodhpur: 9214201640/41, Lucknow: 0522- 4921600/4921649, Kanpur: 0512-6710400

EAST - REGIONAL OFFICE: Kolkata: ICC Tower, 5th Floor, 4 India Exchange Place, Kolkata-700001, Tel: 033-40129851/52, Bhubaneshwar: 0674-6668101/102/103/104, Guwahati: 0361-2458923, 2134521, Siliguri: 0353-2525907, Ranchi: 0651-2244861, 2244862, 2244864, 2244868, 2244869, Jamshedpur: 0657-6542492, 09234369436, Patna: 0612-2207221, 2207222, 2207223, 2655518

WEST - REGIONAL OFFICE: 1271, Solitaire Corporate Park, Bldg. No. 12, 7th Floor, Andheri - Ghatkopar Link Road, Chakala, Andheri (East), Mumbai- 400093. Tel: 022 - 67298600-602, Ahmedabad: 079-40061111, 40060738/740, Indore: 0731-4219444/4219422, 0731-2572340, Rajkot: 0281-2481112, 2921212, Nagpur: 0712-2240932, 2242692, 2242699 Pune: 020-26056175-76, Raipur: 0771-4243400/01, Surat: 0261-2350137, 9979890137, Jabalpur: 0761-4064491, Bhopal: 0755-4271544, 0755-4011025,

SOUTH - REGIONAL OFFICE: Chennai: Sigapi Achi Building, No. 18 / 3, 6th Floor, Rukmani Lakshmiipathy Road, Egmore, Chennai-600008, Tel: 044-42280600, 605, Bangalore: 080-49075000, Coimbatore: 0422-4550200/282, Hyderabad: 040-27533372, 27533355, 27533632, Cochin: 0484-4099000, Calicut: 0495-4019193/4/5, Trivandrum: 0471-4015323, Vizag: 0891-6514339, Vijayawada: 0866-2546161/62/67/68/69, Madurai: 0452-4267000, Hubli: 0836-4248660, Trichy: 0431-4041005/06

Representative Offices: • Goa • Solapur • Gwalior • Kathmandu • Bhopal • Kolapur • Vadodara

Warranty Policy:

All the products listed in the price list carry a warranty, against manufacturing defects for a period of 18* months from the date of purchase / 12 months from the date of commissioning, whichever is earlier.

*Proof of purchase to be retained to avail warranty.

Terms & Conditions

- Prices are in Indian ₹.
- This Price List supersedes all our previous Price Lists.
- Prices are subject to change without notice.
- Company reserves the right to issue amendments, which may arise due to any errors in the price list.
- Prices are for quantity 1 N is equal to font height of LP value

Actual products may vary in colour, design, description and colour combination etc. Although every effort has been made to ensure accuracy in the compilation of the technical detail within this publication. Specifications & performance data are constantly changing.

“Copyright Subsists. Imitation of trade dress, graphics and color scheme of this document is a punishable offence.”

Note: All Products to be billed at 18% *GST (Subject to change as per Govt. Notification).

Havells India Ltd.

Corp Office: QRG Towers, 2D, Sector-126, Expressway, Noida-201304 (U.P.)

Ph. +91-120-3331000, Email: marketing@havells.com, www.havells.com

Customer Care No.: 08045 77 1313

Join us on Facebook at www.facebook.com/havells and share your ways to save planet!

CIN - L31900DL1983PLC016304

Scan the QR Code
to download
Havells mCatalogue

