



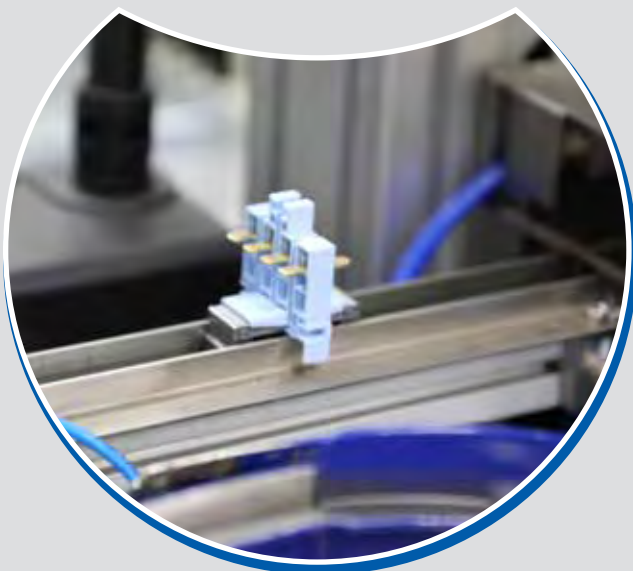
HAVELLS



LV Switchgear, Controlgear & Power Quality Products

Pricelist w.e.f. 11th March, 2024

Fully Automated Plant



Industry 4.0

Make in India, for India and for rest of the World



Havells Global Series Magnetic Contactors, Overload Relays & MPCBs

Designed for demanding applications & Tropical conditions



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



HGSCD - 3 Pole DC Contactor
Ratings - 9 A to 105 A (AC-3)



HGSDR - Thermal Overload Relay
Ratings - 0.28 A to 112 A



HGSCM -
3 Pole Mini Contactor
Ratings - 16 A (AC-1)



HGSMR -
Thermal Overload Relay
Ratings - 0.28 A to 17 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, Fr-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: 8536

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*	1116.00
	9 A	25 A	3	0	1	HGS 9	IHPHA009101*	1116.00
	12 A	30 A	3	1	0	HGS 12	IHPHA012110*	1300.00
	12 A	30 A	3	0	1	HGS 12	IHPHA012101*	1300.00
	18 A	40 A	3	1	0	HGS 18	IHPHA018110*	1504.00
	18 A	40 A	3	0	1	HGS 18	IHPHA018101*	1504.00
	22 A	40 A	3	1	0	HGS 22	IHPHA022110*	1620.00
	22 A	40 A	3	0	1	HGS 22	IHPHA022101*	1620.00
2	25 A	45 A	3	1	0	HGS 25	IHPHA025210*	1887.00
	25 A	45 A	3	0	1	HGS 25	IHPHA025201*	1887.00
	32 A	55 A	3	1	0	HGS 32	IHPHA032210*	3978.00
	32 A	55 A	3	0	1	HGS 32	IHPHA032201*	3978.00
	40 A	60 A	3	1	0	HGS 40	IHPHA040210*	5930.00
	40 A	60 A	3	0	1	HGS 40	IHPHA040201*	5930.00
3	50 A	70 A	3	2	2	HGS 50	IHPHA050300*	8013.00
	65 A	85 A	3	2	2	HGS 65	IHPHA065300*	10032.00
4	75 A	110 A	3	2	2	HGS 75	IHPHA075400*	12011.00
	85 A	125 A	3	2	2	HGS 85	IHPHA085400*	14158.00
	100 A	135 A	3	2	2	HGS 100	IHPHA100400*	20410.00
5	115 A	160 A	3	2	2	HGS 115	IHPHA115500*	25645.00
	130 A	180 A	3	2	2	HGS 130	IHPHA130500*	26401.00
	150 A	210 A	3	2	2	HGS 150	IHPHA150500*	32180.00
6	185 A	275 A	3	2	2	HGS 185	IHPHA185600*	37217.00
	225 A	315 A	3	2	2	HGS 225	IHPHA225600*	40453.00
	265 A	350 A	3	2	2	HGS 265	IHPHA265600*	45532.00
7	300 A	400 A	3	2	2	HGS 300	IHPHA300700*	55917.00
	400 A	500 A	3	2	2	HGS 400	IHPHA400700*	69920.00
	500 A	550 A	3	2	2	HGS 500	IHPHA500700*	100726.00
8	630 A	750 A	3	2	2	HGS 630	IHPHA630800*	157138.00
	800 A	900 A	3	2	2	HGS 800	IHPHA800800*	253534.00

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

- Note:
- For additional aux. contacts front/side mounted and mechanical interlock - refer accessories table on page no. 13
 - Standard Spare coil are available on request on page no 13

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					
	B	H	N	T	Wide Band Coils	
					S	W
1	24 V	110 V	240 V	415 V	150 V-300 V	260 V-440 V
2	24 V	110 V	240 V	415 V	150 V-300 V	260 V-440 V
3	24 V	110 V	240 V	415 V		260 V-440 V
4	24 V	110 V	240 V	415 V		260 V-440 V
			AC/DC Universal Coil with in-built ECM* Module 240 V N	AC Coil with in-built ECM* Module 415 V T		
5, 6, 7	-	100 V AC -240 V AC & 110 V DC -220 V DC		380 V AC - 450 V AC	-	-
8	-	200 V AC -240 V AC & 200 V DC -220 V DC		380 V AC - 450 V AC	-	-

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: 8536

Frame Size	AC 1 Duty	Power Poles	Item Code	Per Unit LP (₹)	Power Poles	Item Code	Per Unit LP (₹)
1	16	4NO	IHPHC016100*	1336.00	2NO + 2NC	IHPHC016122*	1471.00
	20	4NO	IHPHC020100*	1366.00	2NO + 2NC	IHPHC020122*	1504.00
	25	4NO	IHPHC025100*	1474.00	2NO + 2NC	IHPHC025122*	1669.00
	32	4NO	IHPHC032100*	1511.00	2NO + 2NC	IHPHC032122*	1730.00
	40	4NO	IHPHC040100*	2280.00	2NO + 2NC	IHPHC040122*	2462.00
2	50	4NO	IHPHC050200*	2977.00	2NO + 2NC	IHPHC050222*	3336.00
	60	4NO	IHPHC060200*	5677.00	2NO + 2NC	IHPHC060222*	6364.00

*To complete the Cat no. 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: 8536

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*	1075.00
		3	1	HGR 31	IHHAC31*	
		4	0	HGR 40	IHHAC40*	
		0	4	HGR 04	IHHAC04*	
		1	3	HGR 13	IHHAC13*	

*To complete the Cat no. 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 60947-5-1



HSN Code: 8536

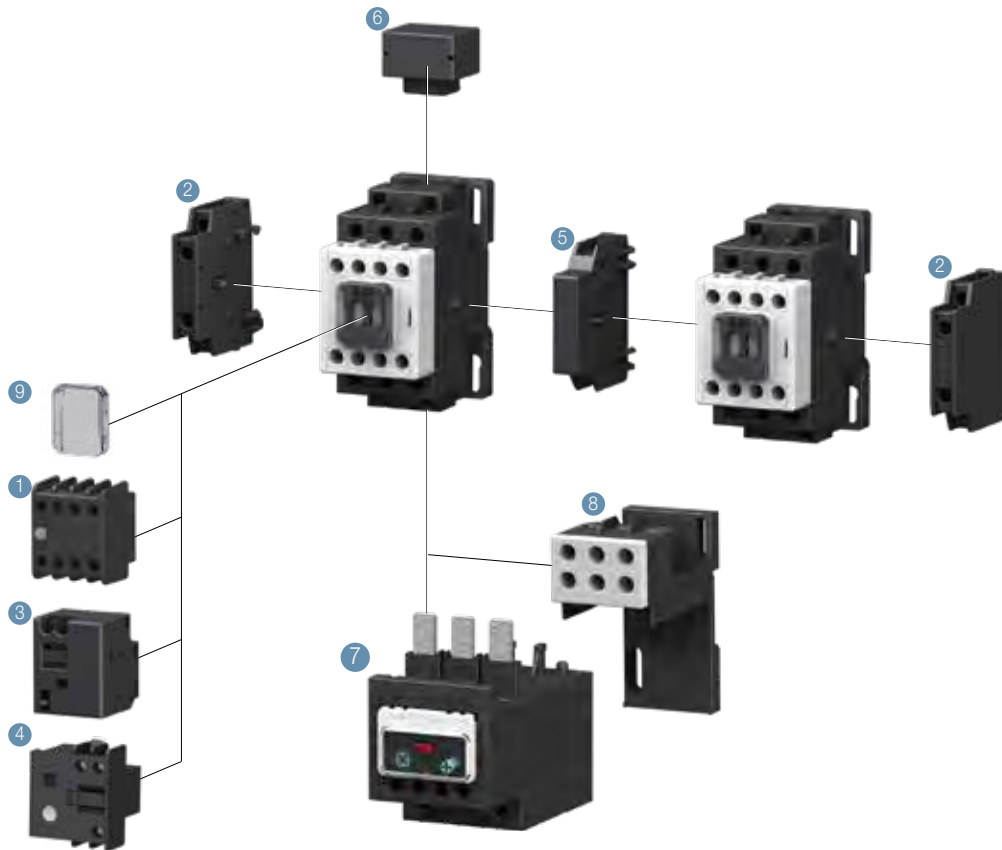
Frame Size	AC-3 Duty Rating at 415 V, 50 Hz	AC-1 Duty Rating at 415 V, 50 Hz	Power Poles	In-built Auxilliary Contacts		Item Code	Per Unit LP (₹)
	I_g A	I_{th} A		NO	NC		
1	9 A	25 A	2	0	0	IHPHF009100*	837.00
	12 A	30 A	2	0	0	IHPHF012100*	976.00
	18 A	40 A	2	0	0	IHPHF018100*	1128.00
	22 A	40 A	2	0	0	IHPHF022100*	1215.00
2	25 A	45 A	2	0	0	IHPHF025200*	1321.00
	32 A	55 A	2	0	0	IHPHF032200*	2786.00
	40 A	60 A	2	0	0	IHPHF040200*	4151.00
NEW 3	50 A	70 A	2	0	0	IHPHF050300*	5209.00
	65 A	85 A	2	0	0	IHPHF065300*	7550.00
NEW 4	75 A	110 A	2	0	0	IHPHF075400*	8650.00
	85 A	125 A	2	0	0	IHPHF085400*	10500.00
	100 A	135 A	2	0	0	IHPHF100400*	13500.00

Effective from 11th March, 2024

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

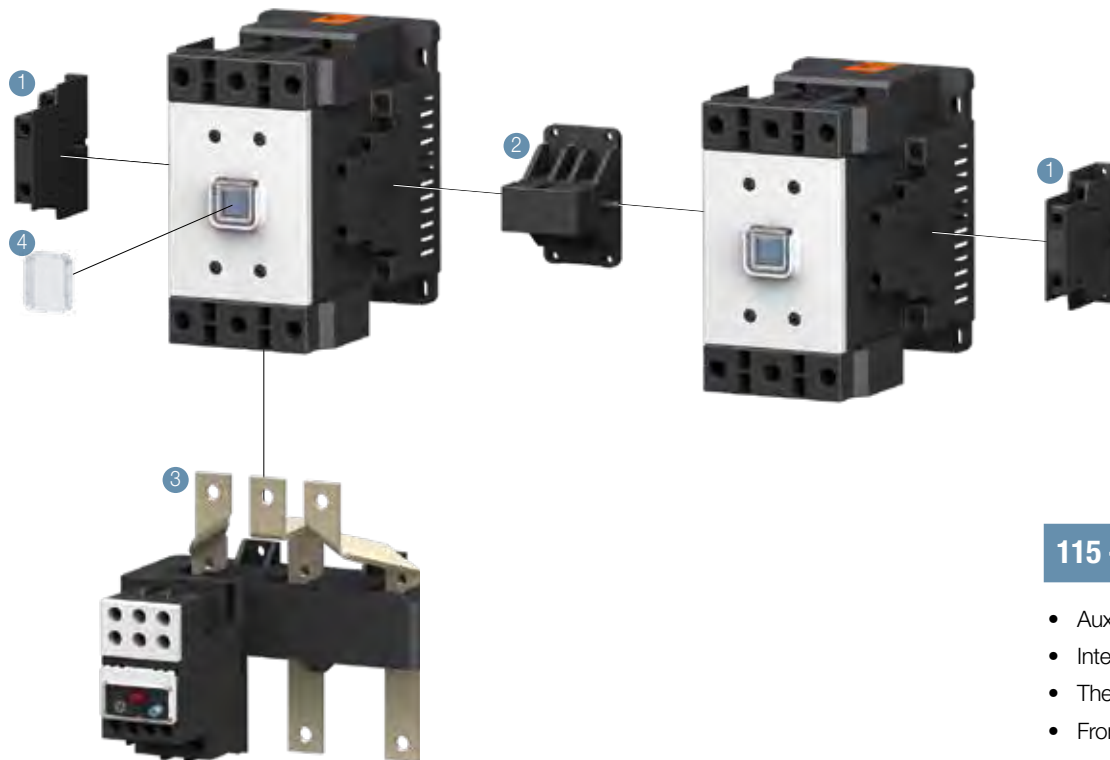
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Accessories



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: 8536

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	697.00
		HGS50-HGS 100 (For all contactors in Frame-3 and Frame-4)	ISSPCU1970	
		HGS115- HGS 800	ISSPCU1971	825.00
Aux Contact Block (Top Mounting)	2NC	HGS9-HGS100 (For all contactors in Frame-1 to Frame-4)	ISSPCU1961	436.00
	1NO + 1NC		ISSPCU1962	
	2NO		ISSPCU1963	
	4NC		ISSPCU1964	
	1NO + 3NC		ISSPCU1965	720.00
	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	944.00
		HGS50-HGS 100 (For all contactors in Frame-3 and Frame-4)	ISSPCU1973	2218.00
		HGS115- HGS 265	ISSPCU1974	3923.00
		HGS 300- HGS 800	ISSPCU1975	4448.00
Mechanical Latching Block (Top Mounting)	220 V AC	HGS 9-HGS 100 (For all contactors in Frame-1 to Frame-4)	ISSPCU1976	2224.00
Electronic Timer (Top Mounting)		HGS 9-HGS 100 (For all contactors in Frame-1 to Frame-4)	ISSPCU1977	3006.00
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	1896.00

- 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: 8536

Suitable for	Coil Type	Voltage	Item Code	Per Unit LP (₹)
For all Frame-1 Contactors (HGS 9 to HGS 22)	AC	24 V	ISSPCU1985	623.00
		110 V	ISSPCU1987	
		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	24 V	ISSPCU1993	623.00
		110 V	ISSPCU1995	
		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	24 V	ISSPCU2001	2030.00
		110 V	ISSPCU2003	
		240 V	ISSPCU2005	
		415 V	ISSPCU2007	
		260 V-440 V	ISSPCU2136	
For all Frame-4 Contactors (HGS 75-HGS 100)	AC	24 V	ISSPCU2009	2337.00
		110 V	ISSPCU2011	
		240 V	ISSPCU2013	
		415 V	ISSPCU2015	
		260 V-440 V	ISSPCU2137	
For Frame-5 Contactors (HGS 115-HGS 150)	AC/DC Universal Coil	100 Vac-240 Vac 110 Vdc -220 Vdc	ISSPCU1979	6325.00
	AC	380 Vac-450 Vac	ISSPCU2479	
For Frame-6 Contactors (HGS 185-HGS 265)	AC/DC Universal Coil	100 Vac-240 Vac 110 Vdc -220 Vdc	ISSPCU1980	8957.00
	AC	380 Vac-450 Vac	ISSPCU2312	
For Frame-7 Contactors (HGS 300-HGS 500)	AC/DC Universal Coil	100 Vac-240 Vac 110 Vdc -220 Vdc	ISSPCU1981	11647.00
	AC	380 Vac-450 Vac	ISSPCU2103	
For Frame-8 Contactors (HGS 630-HGS 800)	AC/DC Universal	110 Vac-127 Vac 100 Vdc -110 Vdc	ISSPCU2480	23880.00
		200 Vac-240 Vac 200 Vdc -220 Vdc	ISSPCU1982	
	AC	380 Vac-450 Vac	ISSPCU2104	

Effective from 11th March, 2024

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 13**

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: 8536

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	HGST18	IHHR13CA	1901.00
	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	
	8 A - 12 A			IHHR13CR	1935.00
2	12 A - 18 A	HGS 25 HGS 32 HGS 40	HGST 40	IHHR13CT	2124.00
	7 A - 10.0 A			IHHR23CQ	2124.00
	8 A - 12.0 A			IHHR23CR	
	12 A - 18 A			IHHR23CT	
	15 A - 22 A			IHHR23CU	2376.00
	17 A - 25 A			IHHR23CV	
	22 A - 32 A			IHHR23CW	
3	28 A - 40 A	HGS 50 HGS 65	HGST 65	IHHR23CX	3115.00
	7 A - 10.0 A			IHHR33CQ	3722.00
	8 A - 12.0 A			IHHR33CR	
	12 A - 18 A			IHHR33CT	
	15 A - 22 A			IHHR33CU	
	17 A - 25 A			IHHR33CV	4408.00
	22 A - 32 A			IHHR33CW	
	28 A - 40 A			IHHR33CX	
	34 A - 50 A			IHHR33CY	
	45 A - 65 A			IHHR33C1	5248.00

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	4320.00
	22 A - 32 A			IHHR43CW	
	28 A - 40 A			IHHR43CX	
	34 A - 50 A			IHHR43CY	
	45 A - 65 A			IHHR43C1	5464.00
	52 A - 75 A			IHHR43C2	
	59 A - 85 A			IHHR43C3	6092.00
	70 A - 100 A			IHHR43C4	
5	48 A - 80 A	HGS 115 HGS 130 HGS 150	HGST 150	IHHR53C5	9120.00
	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	9800.00
	69 A - 115 A			IHHR63C6	
	78 A - 130 A			IHHR63C7	
	90 A - 150 A			IHHR63C8	
	111 A - 185 A			IHHR63C9	10811.00
	135 A - 225 A			IHHR63C11	
	159 A - 265 A			IHHR63C12	
7	90 A - 150 A	HGS 300 HGS 400 HGS 500	HGST 500	IHHR73C8	11906.00
	111 A - 185 A			IHHR73C9	
	135 A - 225 A			IHHR73C11	
	159 A - 265 A			IHHR73C12	
	180 A - 300 A			IHHR73C13	13044.00
	240 A - 400 A			IHHR73C14	
	300 A - 500 A			IHHR73C15	15201.00
8	378 A - 630 A	HGS 630 HGS 800	HGST 800	IHHR83C16	32609.00
	480 A - 800 A			IHHR83C17	

Relay Adapter

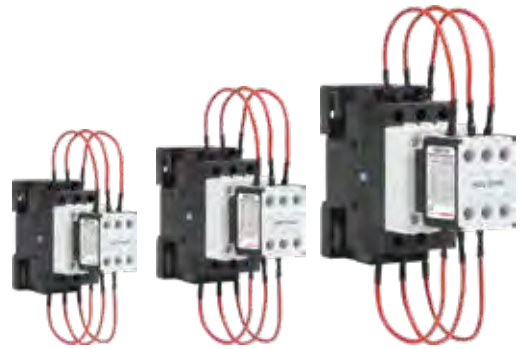
Suitable for	Item code	Per Unit LP (₹)
For all Frame-1 Contactors (HGS 9 to HGS 22)	ISSPCU2681	350.00
For all Frame-2 Contactors (HGS 25-HGS 40)	ISSPCU2682	470.00

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: 8536

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*	2522.00
	3 kVAr	0	1	IHPHE003101*	2522.00
	5 kVAr	1	0	IHPHE005110*	2646.00
	5 kVAr	0	1	IHPHE005101*	2646.00
	10 kVAr	1	0	IHPHE010110*	3204.00
	10 kVAr	0	1	IHPHE010101*	3204.00
	12.5 kVAr	1	0	IHPHE12X110*	3619.00
	12.5 kVAr	0	1	IHPHE12X101*	3619.00
	15 kVAr	1	0	IHPHE015110*	4431.00
	15 kVAr	0	1	IHPHE015101*	4431.00
	20 kVAr	1	0	IHPHE020210*	4871.00
2	20 kVAr	0	1	IHPHE020201*	4871.00
	25 kVAr	1	0	IHPHE025210*	5556.00
	25 kVAr	0	1	IHPHE025201*	5556.00
	33.3 kVAr	1	0	IHPHE33X210*	8052.00
	33.3 kVAr	0	1	IHPHE33X201*	8052.00
3	33.3 kVAr	1	1	IHPHE33X311*	9711.00
	40 kVAr	2	2	IHPHE040322*	14926.00
4	50 kVAr	2	2	IHPHE050422*	15529.00
	66 kVAr	2	2	IHPHE066422*	18223.00

*To complete the Cat no. 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)

3 kVAr - 66 kVAr AC Coil

Product	24 Vac	110 Vac	240 Vac	150 Vac-300 Vac	260 Vac-440 Vac	415 Vac
HGS Capacitor Duty Contactor (3 kVAr - 66 kVArA)	B	H	N	S*	W	T

*upto 33.3 kVAr for AC - 6B

#for Capacitor & Reactor
kindly refer to page 96, 98, 99



HGSCD

- Compact size – Four (4) frames rating from 9 A to 105 A.
- IP20 guarded terminals prevent accidental contact with live parts.
- IEC & CE markig & Compliance to IS/IEC 60947-4-1
- 4 Terminal Coils on all DC Coil Contactors for control application flexibility.
- 50 A to 105 A DC operated devices feature electronic coil control.
- Thermal Overload Relays direct mount onto HGSCD Series 9 A - 25 A Contactors, reducing installation time and Space.
- 35mm DIN rail mounting for all the contactors from 9 A to 105 A.
- Combination head terminal screws on 50 A through 105 A contactors

**DC Contactor
(HGSCD)**



**Thermal
Overload
Relay
(HGSDR)**



25 AF

40 AF

**HGSCD
Rated Current
Rated Operational
Voltage**

**HGSDR
Setting Current**

9 A, 12 A, 18 A, 25 A
690 V

32 A, 40 A
690 V

0.28 A - 32 A

25 A - 40 A

HGSDR / MR



- 5 Frame sizes current rating up to 112 A suitable for DC / Mini Contactor.
- Overload Relays include integral connection to auxiliary and coil terminations for ease of wiring during installation, when installed on HGSCD Series.
- These Overload Relays share the same great features and benefits of the larger frame sizes.
- Trip Class 10 for reliable and accurate protection against overload conditions.
- Single phase sensitivity to protect motors against damaging phase loss conditions.
- Direct mounting to all contactors.
- IP20 guarded terminals prevent accidental contact with live parts.
- Stop button for convenient and economical control circuit wiring.



80 AF

50 A, 65 A, 80 A
690 V, 1000 V

32 A - 70 A



105 AF

95 A, 105 A
1000 V

63 A - 112 A

HGSCM

- Compact size – one frame size for devices rated up to 16 A.
- AC and DC operating coils for control circuit application flexibility – device is the same physical size with an AC or DC coil.
- Front Mounted auxiliary contacts and surge suppressors install directly on top of the single front mounted mechanical interlock.
- High visibility label for ease of troubleshooting and maintenance.
- Mini contactors compatible with directly mounted Thermal Overload Relays with current ratings from 0.28 A to 17 A.
- Over load relays are Class 10 with selectable manual or automatic reset, and provide phase loss sensitivity.
- IP20 guarded terminals.
- 35mm DIN rail mounting for fast and easy installation

Mini Contactor (HGSCM)



Thermal Overload Relay (HGSMR)



16 AF

HGSCM
Rated Current
Rated Operational
Voltage

9 A, 9 A, 12 A, 16 A,
690 V

HGSMR
Setting Current

0.28 A - 17 A

3 Pole DC Contactors - HGSCD

- Compact size – Four (4) frames rating from 9 A to 105 A.
- Finger proof IP 20 terminals
- IEC & CE markig & Compliance to IS/IEC 60947-4-1
- 4 Terminal Coils on all DC Coil Contactors for control application flexibility.
- 50 A to 105 A DC operated devices feature electronic coil control.



HSN Code: 8536

Frame Size	AC-3 Duty Rating	AC-1 Duty Rating	Power Poles	In - built Aux contacts		Type	Code	Description	Per Unit LP (₹)
	le A	lth A		NC	NO				
1	9	25	3	1	0	HGSCD 9	IHPDB009101*	Frame-1 9A 3P1NC DC Contactor	2426.00
	9	25	3	0	1	HGSCD 9	IHPDB009110*	Frame-1 9A 3P1NO DC Contactor	2426.00
	12	25	3	1	0	HGSCD 12	IHPDB012101*	Frame-1 12A 3P1NC DC Contactor	2693.00
	12	25	3	0	1	HGSCD 12	IHPDB012110*	Frame-1 12A 3P1NO DC Contactor	2693.00
	18	45	3	1	0	HGSCD 18	IHPDB018101*	Frame-1 18A 3P1NC DC Contactor	3069.00
	18	45	3	0	1	HGSCD 18	IHPDB018110*	Frame-1 18A 3P1NO DC Contactor	3069.00
	25	45	3	1	0	HGSCD 25	IHPDB025101*	Frame-1 25A 3P1NC DC Contactor	4515.00
	25	45	3	0	1	HGSCD 25	IHPDB025110*	Frame-1 25A 3P1NO DC Contactor	4515.00
2	32	60	3	0	0	HGSCD 32	IHPDB032200*	Frame-2 32A 3P DC Contactor	8742.00
	40	60	3	0	0	HGSCD 40	IHPDB040200*	Frame-2 40A 3P DC Contactor	12207.00
3	50	90	3	0	0	HGSCD 50	IHPDB050300*	Frame-3 50A 3P DC Contactor	15425.00
	65	110	3	0	0	HGSCD 65	IHPDB065300*	Frame-3 65A 3P DC Contactor	16514.00
	80	110	3	0	0	HGSCD 80	IHPDB080300*	Frame-3 80A 3P DC Contactor	20642.00
4	95	140	3	0	0	HGSCD 95	IHPDB095400*	Frame-4 95A 3P DC Contactor	26394.00
	105	140	3	0	0	HGSCD 105	IHPDB105400*	Frame-4 105A 3P DC Contactor	31463.00

DC Coil Voltage Selection Table

DC Coil Codes						
Frame	I	B	E	H	M	L
1	12 V	24 V	48 V	110 V	220 V	250 V
2	12 V	24 V	48 V	110 V	220 V	250 V
3	12 V	24 V	48 V	110 V	220 V	250 V
4	12 V	24 V	48 V	110 V	220 V	250 V

3 Pole Mini Contactors with AC Coil - HGSCM

- Compact size – one frame size for devices rated up to 16 A.
- Same size for AC or DC coil contactor
- Directly mounted Thermal Overload Relays
- Over load relays Class 10 with selectable M/A reset & SPP
- IP20 guarded terminals



HSN Code: 8536

Frame Size	AC-3 Duty Rating	AC-1 Duty Rating	Power Poles	In - built Aux contacts		Type	Code	Description	Per Unit LP (₹)
	le A	lth A		NC	NO				
1	7	18	3	1	0	HGSCM	IHPNA007101*	F-1 7A 3P1NC Mini AC Cont	1555.00
	7	18	3	0	1	HGSCM	IHPNA007110*	F-1 7A 3P1NO Mini AC Cont	1555.00
	9	20	3	1	0	HGSCM	IHPNA009101*	F-1 9A 3P1NC Mini AC Cont	1683.00
	9	20	3	0	1	HGSCM	IHPNA009110*	F-1 9A 3P1NO Mini AC Cont	1683.00
	12	22	3	1	0	HGSCM	IHPNA012101*	F-1 12A 3P1NC Mini AC Cont	1792.00
	12	22	3	0	1	HGSCM	IHPNA012110*	F-1 12A 3P1NO Mini AC Cont	1792.00
	16	22	3	1	0	HGSCM	IHPNA016101*	F-1 16A 3P1NC Mini AC Cont	2119.00
	16	22	3	0	1	HGSCM	IHPNA016110*	F-1 16A 3P1NO Mini AC Cont	2119.00

AC Coil Voltage Selection Table

AC Coil Codes								
Frame	B	E	H	M	N	R	T	U
1	24 V	48 V	110 V	220 V	240 V	380 V	415 V	440 V

Effective from 11th March, 2024

List Price (LP) are in Indian ₹ & as per Standard Terms & Conditions **HAVELLS 19**

3 Pole Mini Contactors with DC Coil - HGSCM

- Compact size – one frame size for devices rated up to 16 A.
- Same size for AC or DC coil contactor
- Directly mounted Thermal Overload Relays
- Over load relays Class 10 with selectable M/A reset & SPP
- IP20 guarded terminals



Frame Size	AC-3 Duty Rating	AC-1 Duty Rating	Power Poles	In - built Aux contacts		Type	Code	Description	Per Unit LP (₹)
	Ie A	Ith A		NC	NO				
1	7	18	3	1	0	HGSCM	IHPNB007101*	F-1 7A 3P1NC Mini DC Cont	2268.00
1	7	18	3	0	1	HGSCM	IHPNB007110*	F-1 7A 3P1NO Mini DC Cont	2268.00
1	9	20	3	1	0	HGSCM	IHPNB009101*	F-1 9A 3P1NC Mini DC Cont	2367.00
1	9	20	3	0	1	HGSCM	IHPNB009110*	F-1 9A 3P1NO Mini DC Cont	2367.00
1	12	22	3	1	0	HGSCM	IHPNB012101*	F-1 12A 3P1NC Mini DC Cont	2594.00
1	12	22	3	0	1	HGSCM	IHPNB012110*	F-1 12A 3P1NO Mini DC Cont	2594.00
1	16	22	3	1	0	HGSCM	IHPNB016101*	F-1 16A 3P1NC Mini DC Cont	2862.00
1	16	22	3	0	1	HGSCM	IHPNB016110*	F-1 16A 3P1NO Mini DC Cont	2862.00

DC Coil Voltage Selection Table

DC Coil Codes						
Frame	I	B	E	H	M	L
1	12 V	24 V	48 V	110 V	220 V	250 V

3 Pole Mini Control Relay with AC Coil - HGSCR

- Compact size – one frame size for devices rated up to 16 A.
- Same size with an AC or DC coil contactor.

HSN Code: 8536

Frame Size	AC-1 Duty Rating	In - built Aux contacts		Type	Code	Description	Per Unit LP (₹)
	Ith A	NC	NO				
1	16	2	2	HGSCR	IHMCR22*	Mini Cont. 2NO2NC Control Relay AC	1802.00
1	16	3	1	HGSCR	IHMCR31*	Mini Cont. 3NO1NC Control Relay AC	1802.00
1	16	4	0	HGSCR	IHMCR40*	Mini Cont. 4NO Control Relay AC	1802.00
1	16	0	4	HGSCR	IHMCR04*	Mini Cont. 4NC Control Relay AC	1802.00
1	16	1	3	HGSCR	IHMCR13*	Mini Cont. 1NO3NC Control Relay AC	1802.00

AC Coil Voltage Selection Table

AC Coil Codes							
Frame	B	E	H	M	N	T	V
1	24 V	48 V	110 V	220 V	240 V	415 V	480 V

3 Pole Mini Control Relay with DC Coil - HGSCR

- Compact size – one frame size for devices rated up to 16 A.
- Same size with an AC or DC coil contactor.

HSN Code: 8536

Frame Size	AC-1 Duty Rating	In - built Aux contacts		Type	Code	Description	Per Unit LP (₹)
	Ith A	NC	NO				
1	16	2	2	HGSCR	IHMCR22*	Mini Cont. 2NO2NC Control Relay DC	2406.00
1	16	3	1	HGSCR	IHMCR31*	Mini Cont. 3NO1NC Control Relay DC	2406.00
1	16	4	0	HGSCR	IHMCR40*	Mini Cont. 4NO Control Relay DC	2406.00
1	16	0	4	HGSCR	IHMCR04*	Mini Cont. 4NC Control Relay DC	2406.00
1	16	1	3	HGSCR	IHMCR13*	Mini Cont. 1NO3NC Control Relay DC	2406.00

DC Coil Voltage Selection Table

DC Coil Codes					
Frame	I	B	H	J	P
1	12 V	24 V	110 V	120 V	250 V

3 Pole DC, Mini Contactor Accessories

Accessories - HGSCD Series Contactors

Description	Configuraton	Suitable for	Item Code	Per Unit LP (₹)
Aux Contact Block (Side Mounting)	1NO	HGSCD 9-HGSCD 105	ISSPEN0005	434.00
	1NC		ISSPEN0006	434.00
	1NO + 1NC		ISSPEN0007	765.00
	2NO		ISSPEN0008	765.00
Aux Contact Block (Front Mounting)	1NO		ISSPEN0001	255.00
	1NC		ISSPEN0002	255.00
	1NO (EM)		ISSPEN0003	561.00
	1NC (DB)		ISSPEN0004	561.00
Mechanical Interlock Unit			ISSPEN0077	776.00
Mechanical + Electrical Interlock Unit			ISSPEN0009	1530.00
Surge Suppressor Type RC	24 V - 48 V AC	HGSCD 40	ISSPEN0010	663.00
	50 V - 127 V AC		ISSPEN0011	663.00
	130 V - 250 V AC		ISSPEN0012	663.00
	24 V - 48 V AC	HGSCD 105	ISSPEN0013	663.00
	50 V - 127 V AC		ISSPEN0014	663.00
	130 V - 250 V AC		ISSPEN0015	663.00

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

Suitable for	Coil Type	Voltage	Item Code	Per Unit LP (₹)
For all Frame-1 Contactors (HGCD 9 to HGSCD 25)	DC	12 V	ISSPEN0016	1785.00
		24 V	ISSPEN0078	1785.00
		48 V	ISSPEN0017	1785.00
		110 V	ISSPEN0018	1785.00
		220 V	ISSPEN0019	1785.00
For all Frame-2 Contactors (HGSCD 32-HGSCD 40)	DC	12 V	ISSPEN0020	1887.00
		24 V	ISSPEN0021	1887.00
		48 V	ISSPEN0022	1887.00
		110 V	ISSPEN0023	1887.00
For Frame -3 HGSCD 50 Contactors	DC	24-28 V	ISSPEN0024	4845.00
		48 V	ISSPEN0025	4845.00
		110 V	ISSPEN0026	4845.00
For Frame -3 HGSCD 65 Contactors	DC	24 V	ISSPEN0027	4845.00
		48 V	ISSPEN0028	4845.00
		110 V	ISSPEN0029	4845.00
For Frame -4 HGSCD 80 Contactors		24 V	ISSPEN0030	8293.00
		48 V	ISSPEN0031	8293.00
		110 V	ISSPEN0032	8293.00
For Frame -4 HGSCD 105 Contactors		24 V	ISSPEN0033	8293.00
		48 V	ISSPEN0034	8293.00
		110 V	ISSPEN0035	8293.00

3 Pole DC, Mini Contactor Accessories

Accessories - HGSCM Series Contactors & HGSCR Control Relay

Description	Configurator	Suitable for	Item Code	Per Unit LP (₹)
Aux Contact Block (Front Mounting)	2NO	HGSCM	ISSPEN0037	480
	1NO + 1NC		ISSPEN0038	480
	2NC		ISSPEN0039	480
	4NO		ISSPEN0040	781
	2NO + 2NC		ISSPEN0041	781
	4NC		ISSPEN0042	781
	3NO + 1NC		ISSPEN0043	781
	1NO + 3NC		ISSPEN0044	781
Surge Suppressor Type RC	12 V - 24 V AC		ISSPEN0054	765
	24 V - 48 V AC		ISSPEN0055	765
	50 V - 127 V AC		ISSPEN0056	765
	130 V - 250 V AC		ISSPEN0057	765
	275 V - 380 V AC		ISSPEN0058	765
	400 V - 510 V AC		ISSPEN0059	765
Surge Suppressor Type Varistor	12 V - 48 V AC / 12 V - 60 V DC		ISSPEN0060	765
	275 V - 380 V AC		ISSPEN0061	765
	400 V - 510 V AC		ISSPEN0062	765
	50 V - 127 V AC / 60 V - 180 V DC		ISSPEN0063	765
	130 V - 250 V AC / 180 V - 300 V DC		ISSPEN0064	765
	277 V - 380 V AC / 380 V - 510 V DC		ISSPEN0065	765
Mechanical Interlock Unit			ISSPEN0053	725
Aux Contact Block (Front Mounting)	2NO	HGSCR	ISSPEN0045	480
	1NO + 1NC		ISSPEN0046	480
	2NC		ISSPEN0047	480
	4NO		ISSPEN0048	781
	2NO + 2NC		ISSPEN0049	781
	4NC		ISSPEN0050	781
	3NO + 1NC		ISSPEN0051	781
	1NO + 3NC		ISSPEN0052	781

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

Suitable for	Coil Type	Voltage	Item Code	Per Unit LP (₹)
For all HGSCM Contactors	AC	24 V	ISSPEN0066	602.00
		48 V	ISSPEN0067	602.00
		110 V / 120 V	ISSPEN0068	602.00
		230 V	ISSPEN0069	602.00
		400 V	ISSPEN0070	602.00
		12 V	ISSPEN0071	1005.00
	DC	24 V	ISSPEN0072	1005.00
		110 V	ISSPEN0073	1005.00
		125 V	ISSPEN0074	1005.00
		250 V	ISSPEN0075	1005.00

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

- 5 Frame sizes current rating
- Trip Class 10 A and Built in SPP
- Direct mounting to all contactors.
- IP20 guarded terminals prevent accidental contact with live parts.



HSN Code: 8536

Frame Size	Relay Range A	Suitable for Contactor Frame Size	Type	Code	Per Unit LP (₹)
2	0.28 A-0.4 A	HGSCD009 HGSCD012 HGSCD018 HGSCD025 HGSCD032 HGSCD040	HGSDR	IHDR23C18	1961.00
	0.4 A-0.63 A		HGSDR	IHDR23C19	1961.00
	0.56 A-0.8 A		HGSDR	IHDR23C20	1961.00
	0.8 A-1.2 A		HGSDR	IHDR23C21	1961.00
	1.2 A-1.8 A		HGSDR	IHDR23C22	1961.00
	1.8 A-2.8 A		HGSDR	IHDR23C23	1961.00
	2.8 A-4 A		HGSDR	IHDR23C24	1961.00
	4 A-6.3 A		HGSDR	IHDR23C25	1961.00
	5.6 A-8 A		HGSDR	IHDR23C26	1961.00
	7 A-10 A		HGSDR	IHDR23C27	1961.00
	8 A-12.5 A		HGSDR	IHDR23C28	1961.00
	10 A-15 A		HGSDR	IHDR23C29	1961.00
	11 A-17 A		HGSDR	IHDR23C30	2367.00
	15 A-23 A		HGSDR	IHDR23C31	2367.00
	22 A-32 A		HGSDR	IHDR23C32	3673.00
3	25 A-40 A	HGSCD032 HGSCD040	HGSDR	IHDR33C33	3673.00
4	32 A-50 A	HGSCD050 HGSCD065 HGSCD080	HGSDR	IHDR43C34	4733.00
	40 A-57 A		HGSDR	IHDR43C35	5017.00
	50 A-63 A		HGSDR	IHDR43C36	6079.00
	57 A-70 A		HGSDR	IHDR43C37	6079.00
5	63 A-80 A	HGSCD095 HGSCD105	HGSDR	IHDR53C38	6713.00
	78 A-97 A		HGSDR	IHDR53C39	6772.00
	90 A-112 A		HGSDR	IHDR53C40	9217.00

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

- 1 Frame sizes current rating
- Trip Class 10 A and Built in SPP
- Direct mounting to all contactors.
- IP20 guarded terminals prevent accidental contact with live parts.



HSN Code: 8536

Frame Size	Relay Range A	Suitable for Contactor Frame Size	Type	Code	Per Unit LP (₹)
1	0.28-0.4A	HGSCM007 HGSCM009 HGSCM012 HGSCM016	HGSMR	IHMR13C18	2014.00
	0.4-0.63A			IHMR13C19	2014.00
	0.56-0.8A			IHMR13C20	2014.00
	0.8-1.2A			IHMR13C21	2014.00
	1.2-1.8A			IHMR13C22	2014.00
	1.8-2.8A			IHMR13C23	2014.00
	2.8-4A			IHMR13C24	2035.20
	4-6.3A			IHMR13C25	2035.20
	5.6-8A			IHMR13C26	2035.20
	7-10A			IHMR13C27	2035.20
	8-12.5A			IHMR13C28	2056.40
	10-15A			IHMR13C29	2056.40
	11-17A			IHMR13C30	2056.40

Motor Protection Circuit Breakers

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 ■ 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 ■ 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

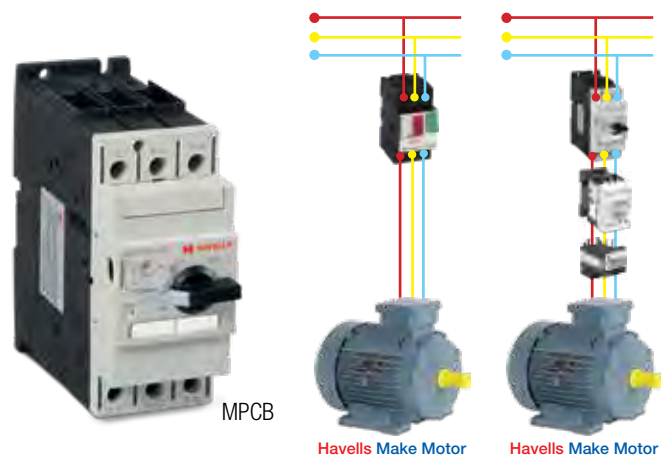
Type	Operating Method	Version	Protections Offered	Frame & Size	Ratings and Braking Capacity		
HGSM	Push-Button	Thermal Magnetic	OL, SC, Single Phasing	Fr-1 45 mm	0.1 A - 10 A 100 kA	9 A - 25 A 15 kA	24 A - 32 A 10 kA
HGSTMR	Rotary	Thermal Magnetic	OL, SC, Single Phasing	Fr-1 45 mm	0.1 A - 6.3 A 100 kA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

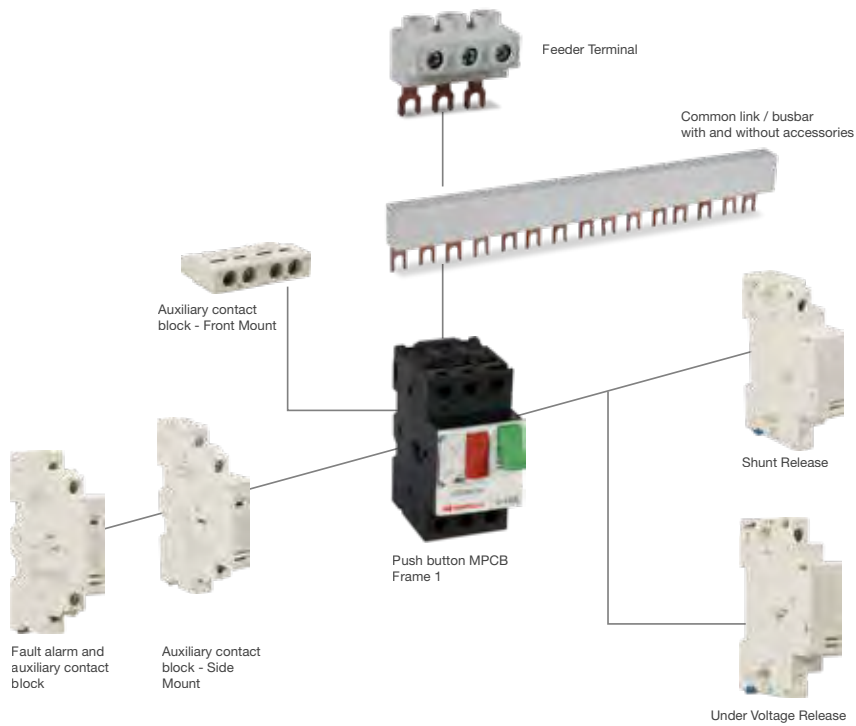
- Compact
- High breaking capacity
- Short circuit protective coordination
- Reduction in wiring work
- High switching durability
- Padlocking feature available
- Stand alone motor protection
- Common accessories

Circuit Breaker

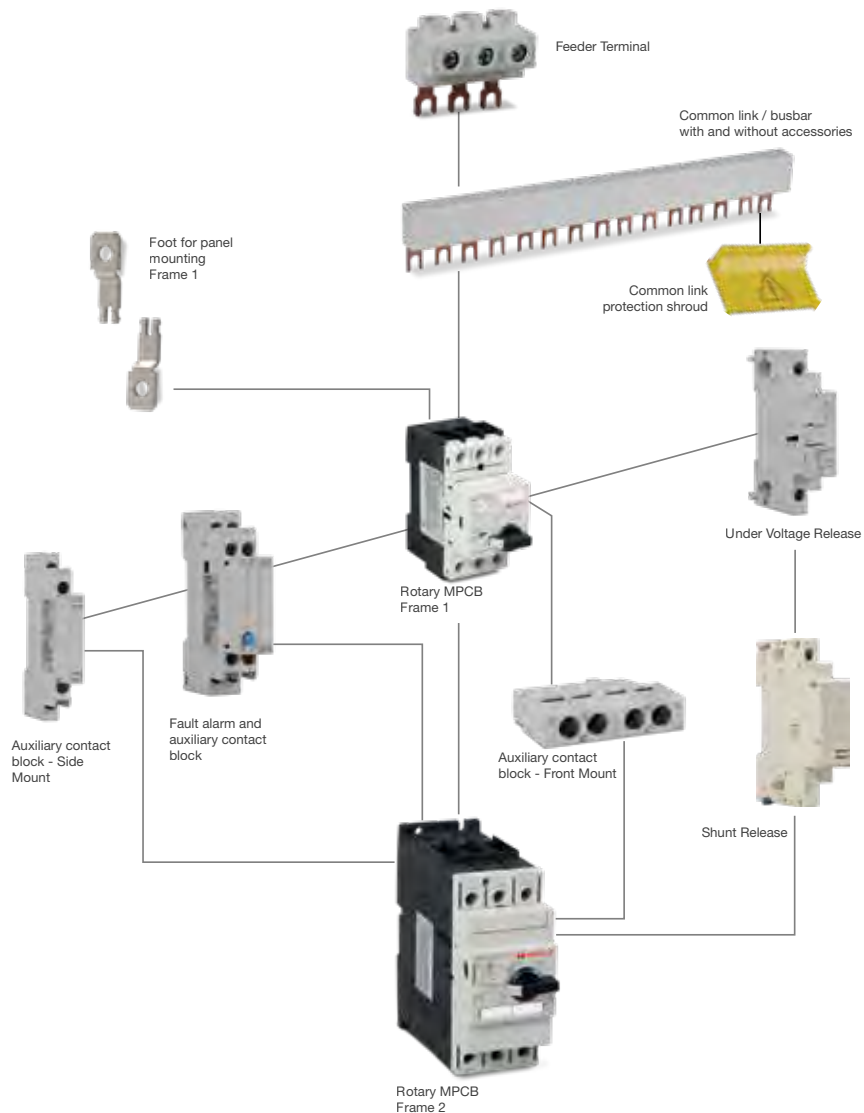
Circuit Breaker



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: 8536

Frame	Model	Breaking Capacity kA 415 V, 50 Hz	Current Rating	Item Code	Per Unit LP (₹)
1	HGSM	100	0.1 A - 0.16 A	IHHMPBA2A0	2847.00
			0.16 A - 0.25 A	IHHMPBB2B0	
			0.25 A - 0.4 A	IHHMPBC2D0	
			0.4 A - 0.63 A	IHHMPBD2E0	3228.00
			0.63 A - 1 A	IHHMPBE2F0	
			1 A - 1.6 A	IHHMPBF2G0	3253.00
			1.6 A - 2.5 A	IHHMPBG2R0	
			2.5 A - 4 A	IHHMPBH2I0	3370.00
			4 A - 6.3 A	IHHMPBJ2J0	
			6.3 A - 10 A	IHHMPBK2K0	3603.00
		15	9 A - 14 A	IHHMPBL2L0	4056.00
			13 A - 18 A	IHHMPBN2M0	4620.00
			17 A - 23 A	IHHMPBQ2T0	4860.00
			20 A - 25 A	IHHMPBS2N0	
		10	24 A - 32 A	IHHMPBT2P0	8480.00

Motor Protection Circuit Breaker - HGSM Series Accessories

Description	Configuraton	Suitable for	Item Code	Per Unit LP (₹)
Aux Contact Block (Side Mounting)	2NO	HGSM MPCB	ISSPCU2414	763.00
	1NO + 1NC		ISSPCU2415	
Aux Contact Block (Top Mounting)	2NO		ISSPCU2412	763.00
	1NO + 1NC		ISSPCU2413	
UV Release	110V AC		ISSPCU2406	2120.00
	240V AC		ISSPCU2407	
	415V AC		ISSPCU2408	
Shunt Release	110V AC		ISSPCU2409	2120.00
	240V AC		ISSPCU2410	
	415V AC		ISSPCU2411	
Fault Alarm	1NC + 1NO		ISSPCU2416	1052.00
	1NC + 1NC		ISSPCU2417	
	1NO + 1NO		ISSPCU2418	
Water proof Box IP55			ISSPCU2419	1532.00
Emergency Water proof Box IP55			ISSPCU2420	1589.00



MPCB Motor Protection Circuit Breaker - HGSTMR / HGSMR Series

MPCB specially coordinated for IE2, IE3 & IE4 Motors

Salient Features:

- Rotary Version - 2 Frame Sizes, 45 mm and 55 mm width
- Thermal magnetic version - Range from 0.1 -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

HSN Code: 8536

Fr.	Model	Breaking Capacity kA 415 V, 50 Hz	Current Rating	Item Code	Per Unit LP (₹)
1	HGSTMR - A1	100	0.1 - 0.16 A	IHHMROA1AT	3745.00
		100	0.16 - 0.25 A	IHHMROB1BT	3745.00
		100	0.25 - 0.4 A	IHHMROC1DT	3745.00
		100	0.4 - 0.63 A	IHHMROD1ET	3745.00
		100	0.63 - 1 A	IHHMROE1FT	3745.00
		100	1 - 1.6 A	IHHMROF1GT	4280.00
		100	1.6 - 2.5 A	IHHMROG1RT	4280.00
		100	2.5 - 4 A	IHHMROH1IT	4280.00
		100	4 - 6.3 A	IHHMROJ1JT	4280.00
		50	6.3 - 10 A	IHHMROK1KT	4815.00
		50	10 - 16 A	IHHMROM1MT	4815.00
		50	16 - 20 A	IHHMROP1TT	5885.00
		50	20 - 25 A	IHHMROS1NT	5885.00
		50	25 - 32 A	IHHMROT1PT	10700.00
2	HGSTMR - A2	50	11 - 16 A	IHHMROM3MT	12840.00
		50	14 - 20 A	IHHMROP3TT	12840.00
		50	18 - 25 A	IHHMROS3NT	12840.00
		50	22 - 32 A	IHHMROT3PT	17120.00
		50	28 - 40 A	IHHMROU3QT	17120.00
		50	36 - 45 A	IHHMROV3ST	17120.00
		50	40 - 50 A	IHHMROW3ST	17120.00
		50	52 - 63 A	IHHMROX3XT	17120.00

HGSMR - Only Magnetic Series

HSN Code: 8536

Fr.	Model	Breaking Capacity kA 415 V, 50 Hz	Current Rating	Item Code	Per Unit LP (₹)
1	HGSMR - A1	100	0.16 A	IHHMROA1AM	3371.00
		100	0.25 A	IHHMROB1BM	3371.00
		100	0.4 A	IHHMROC1DM	3371.00
		100	0.63 A	IHHMROD1EM	3371.00
		100	1.0 A	IHHMROE1FM	3371.00
		100	0.6 A	IHHMROF1GM	3852.00
		100	0.5 A	IHHMROG1RM	3852.00
		100	4.0 A	IHHMROH1IM	3852.00
		100	6.3 A	IHHMROJ1JM	3852.00
		50	10 A	IHHMROK1KM	4334.00
		50	6 A	IHHMROM1MM	4334.00
		50	20 A	IHHMROP1TM	5297.00
		50	25 A	IHHMROS1NM	5297.00
		50	32 A	IHHMROT1PM	9630.00
2	HGSMR - A2	50	16 A	IHHMROM3MM	11556.00
		50	20 A	IHHMROP3TM	11556.00
		50	25 A	IHHMROS3NM	11556.00
		50	32 A	IHHMROT3PM	15408.00
		50	40 A	IHHMROU3QM	15408.00
		50	45 A	IHHMROV3SM	15408.00
		50	50 A	IHHMROW3SM	15408.00
		50	63 A	IHHMROX3XM	15408.00

MPCB specially coordinated for IE2, IE3 & IE4 Motors

Motor Protection Circuit Breaker - HGSTMR / HGSMR Series Accessories

Description	Configuration	Suitable for	Item Code	Per Unit LP (₹)
Aux Contact Block (Side Mounting)	2NO	HGSTMR / HGSMR MPCB	ISSPDU0062	1284.00
	2NC		ISSPDU0061	1284.00
	1NO + 1NC		ISSPDU0063	1284.00
Fault Alarm + Aux Contact Block (Side Mounting)	2 NO + 2NC		ISSPDU0073	2675.00
Aux Contact Block (Top Mounting)	1NO + 1NC		ISSPDU0060	1070.00
UV Release	24V /28V		ISSPDU0069	2568.00
	180V AC		ISSPDU0066	2568.00
	208V AC		ISSPDU0067	2568.00
	240V AC		ISSPDU0064	2568.00
Shunt Release	100V - 127V AC		ISSPDU0071	2568.00
	20V - 24V AC		ISSPDU0070	2568.00
	200V-240V AC		ISSPDU0072	2568.00
Operating Handle	HGSRHBG-A1 OPERATING HANDLE-ROT		ISSPDU0089	1391.00
	HGSRHBG-A2 OPERATING HANDLE-ROT		ISSPDU0091	1712.00
	HGSRHRY-A1 OPERATING HANDLE-ROT		ISSPDU0090	1391.00
	HGSRHRY-A2 OPERATING HANDLE-ROT		ISSPDU0092	1712.00
Enclosure	HGSREBG-A1 IP65/L ENCLOSURE-ROT		ISSPDU0076	3959.00
	HGSREBG-A1 IP65/S ENCLOSURE-ROT		ISSPDU0074	3424.00
	HGSRERY-A1 IP65/L ENCLOSURE-ROT		ISSPDU0077	3959.00
	HGSRERY-A1 IP65/S ENCLOSURE-ROT		ISSPDU0075	3424.00
Feeder Terminal	HGSRFT-A1 3P FEEDER TERMINALS		ISSPDU0079	856.00
Terminal Barrier	HGSRBT-A1 3P TERMINAL BARRIER		ISSPDU0080	107.00
Common Link	HGSRCL-A1 452MM COMMON LINK		ISSPDU0081	749.00
	HGSRCL-A1 453MM COMMON LINK		ISSPDU0082	856.00
	HGSRCL-A1 454MM COMMON LINK		ISSPDU0083	1017.00
	HGSRCL-A1 455MM COMMON LINK		ISSPDU0084	1177.00
	HGSRCL-A1 542MM COMMON LINK		ISSPDU0085	910.00
	HGSRCL-A1 543MM COMMON LINK		ISSPDU0086	1017.00
	HGSRCL-A1 544MM COMMON LINK		ISSPDU0087	1177.00
	HGSRCL-A1 545MM COMMON LINK		ISSPDU0088	1338.00

