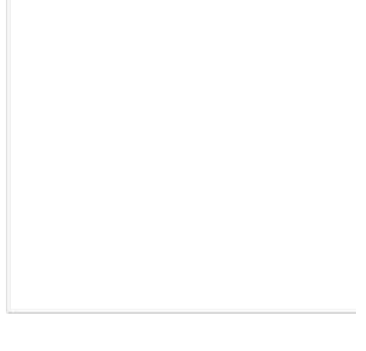
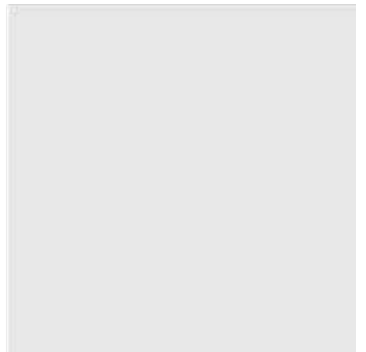
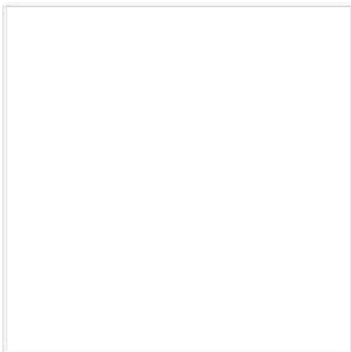
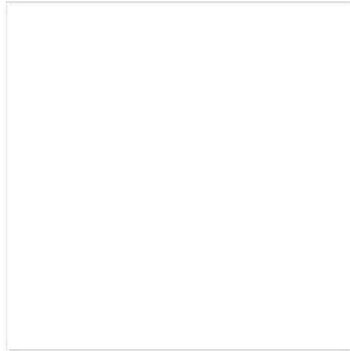
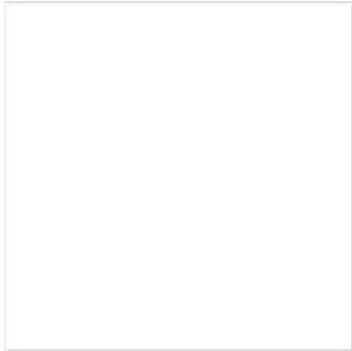
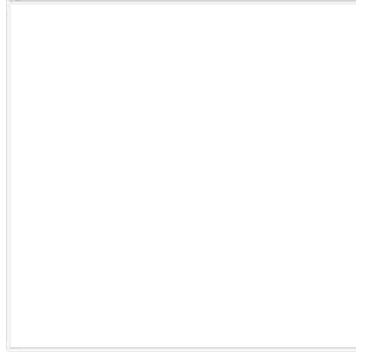
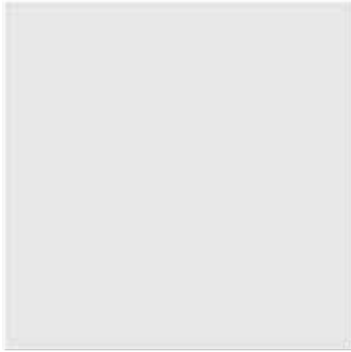


Industrial Circuit Protection



PRICE LIST w.e.f. 1st July, 2017



Industrial Product

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Terms & Conditions

- ☐ Prices are in Indian ₹.
- ☐ All prices are on List Price (LP ₹) inclusive of GST. Freight / Delivery charges if paid by Havells shall be on behalf of customer only.
- ☐ Goods are despatched by us on Purchaser's risk. All claims for loss, damage or shortage will be filed by the Purchasers directly with the carriers.
- ☐ Disputes, if any are subject to Delhi jurisdiction only.
- ☐ 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.



Industrial Switchgear





ACB with Microprocessor Release IPR E (3 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	50	IHATE1E060**#	IHATE2E060**#	54,435	75,560	IHATE4E06\$***	IHATE5E06\$***	70,520	1,09,055
800	50	IHATE1E080**#	IHATE2E080**#	56,250	78,085	IHATE4E08\$***	IHATE5E08\$***	79,680	1,09,935
1000	50	IHATE1E100**#	IHATE2E100**#	60,785	85,300	IHATE4E10\$***	IHATE5E10\$***	83,825	1,15,280
1250	50	IHATE1E120**#	IHATE2E120**#	74,685	1,08,265	IHATE4E12\$***	IHATE5E12\$***	1,06,840	1,34,800
1600	50	IHATE1E160**#	IHATE2E160**#	80,810	1,17,495	IHATE4E16\$***	IHATE5E16\$***	1,16,570	1,48,945
2000	50	IHATE1E200**#	IHATE2E200**#	93,290	1,40,130	IHATE4E20\$***	IHATE5E20\$***	1,30,700	1,68,520
2500	75	IHATH1E250**#	IHATH2E250**#	1,07,570	1,66,685	IHATH4E25\$***	IHATH5E25\$***	1,45,115	1,95,075
3200	100	IHATV1E320**#	IHATV2E320**#	1,71,075	2,23,470	IHATV4E32\$***	IHATV5E32\$***	2,06,665	2,52,775
4000	100	IHATV1E400**#	IHATV2E400**#	2,79,680	2,96,740	IHATV4E40\$***	IHATV5E40\$***	3,08,540	3,25,125

ACB with Microprocessor Release IPR E (4 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	50	IHAPE1E060**#	IHAPE2E060**#	60,830	1,01,735	IHAPE4E06\$***	IHAPE5E06\$***	94,380	1,35,585
800	50	IHAPE1E080**#	IHAPE2E080**#	64,455	1,04,440	IHAPE4E08\$***	IHAPE5E08\$***	99,870	1,37,415
1000	50	IHAPE1E100**#	IHAPE2E100**#	73,440	1,10,700	IHAPE4E10\$***	IHAPE5E10\$***	1,03,975	1,45,180
1250	50	IHAPE1E120**#	IHAPE2E120**#	98,505	1,37,540	IHAPE4E12\$***	IHAPE5E12\$***	1,30,445	1,68,095
1600	50	IHAPE1E160**#	IHAPE2E160**#	1,05,145	1,56,340	IHAPE4E16\$***	IHAPE5E16\$***	1,40,140	1,85,940
2000	50	IHAPE1E200**#	IHAPE2E200**#	1,27,105	1,85,965	IHAPE4E20\$***	IHAPE5E20\$***	1,63,375	2,17,970
2500	75	IHAPE1E250**#	IHAPE2E250**#	1,45,695	2,21,640	IHAPE4E25\$***	IHAPE5E25\$***	1,78,750	2,50,070
3200***	100	IHAPE1E320**#	IHAPE2E320**#	2,17,205	2,77,550	IHAPE4E32\$***	IHAPE5E32\$***	2,52,265	3,02,230
4000***	100	IHAPE1E400**#	IHAPE2E400**#	3,29,700	3,69,135	IHAPE4E40\$***	IHAPE5E40\$***	3,85,230	3,94,780

ACB with Microprocessor Release IPR 1 (3 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	50	IHATE11060**#	IHATE21060**#	58,870	84,400	IHATE4106\$***	IHATE5106\$***	76,390	1,18,790
800	50	IHATE11080**#	IHATE21080**#	60,730	87,190	IHATE4108\$***	IHATE5108\$***	85,820	1,19,775
1000	50	IHATE11100**#	IHATE21100**#	65,355	94,365	IHATE4110\$***	IHATE5110\$***	92,365	1,25,135
1250	50	IHATE11120**#	IHATE21120**#	82,965	1,17,495	IHATE4112\$***	IHATE5112\$***	1,15,215	1,45,240
1600	50	IHATE11160**#	IHATE21160**#	85,840	1,23,930	IHATE4116\$***	IHATE5116\$***	1,22,820	1,55,375
2000	50	IHATE11200**#	IHATE21200**#	1,00,000	1,46,535	IHATE4120\$***	IHATE5120\$***	1,37,475	1,78,635
2500	75	IHATH11250**#	IHATH21250**#	1,14,235	1,73,135	IHATH4125\$***	IHATH5125\$***	1,51,835	2,01,485
3200	100	IHATV11320**#	IHATV21320**#	1,77,850	2,29,925	IHATV4132\$***	IHATV5132\$***	2,13,450	2,59,230
4000	100	IHATV11400**#	IHATV21400**#	2,86,410	3,03,195	IHATV4140\$***	IHATV5140\$***	3,15,375	3,31,540

ACB with Microprocessor Release IPR 1 (4 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	50	IHAPE11060**#	IHAPE21060**#	69,095	1,11,250	IHAPE4106\$***	IHAPE5106\$***	1,03,675	1,46,175
800	50	IHAPE11080**#	IHAPE21080**#	72,380	1,14,125	IHAPE4108\$***	IHAPE5108\$***	1,09,330	1,48,060
1000	50	IHAPE11100**#	IHAPE21100**#	79,410	1,20,510	IHAPE4110\$***	IHAPE5110\$***	1,14,095	1,55,990
1250	50	IHAPE11120**#	IHAPE21120**#	1,07,030	1,47,970	IHAPE4112\$***	IHAPE5112\$***	1,40,865	1,79,420
1600	50	IHAPE11160**#	IHAPE21160**#	1,11,245	1,62,770	IHAPE4116\$***	IHAPE5116\$***	1,45,665	1,92,365
2000	50	IHAPE11200**#	IHAPE21200**#	1,33,720	1,92,325	IHAPE4120\$***	IHAPE5120\$***	1,70,145	2,24,425
2500	75	IHAPE11250**#	IHAPE21250**#	1,52,310	2,28,090	IHAPE4125\$***	IHAPE5125\$***	1,85,520	2,56,440
3200***	100	IHAPE11320**#	IHAPE21320**#	2,23,985	2,83,915	IHAPE4132\$***	IHAPE5132\$***	2,59,105	3,12,355
4000***	100	IHAPE11400**#	IHAPE21400**#	3,36,380	3,75,495	IHAPE4140\$***	IHAPE5140\$***	3,88,095	4,01,140

\$ Please refer table 1 to replace \$ at page-10

** Please refer table 2 to replace ** at page-10

Please refer table 3 to replace # at page-10

*** 4000 A, 4 Pole ACB is also available with 100% Neutral Pole (Price available on request)

Note : Prices on request

ACB range 630A to 4000A (IPR 3)

Industrial Switchgear

Titania Air Circuit Breaker

(Conforms to IEC:60947 - 2 / IS: 13947 - 2)

HAVELLS

List Prices (LP) are in Indian ₹
as per Regular Terms & Conditions



ACB with Microprocessor Release IPR 2 (3 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	50	IHATE12060**#	IHATE22060**#	63,185	89,000	IHATE4206\$**#	IHATE5206\$**#	84,720	1,21,815
800	50	IHATE12080**#	IHATE22080**#	67,860	92,540	IHATE4208\$**#	IHATE5208\$**#	94,235	1,23,265
1000	50	IHATE12100**#	IHATE22100**#	70,730	99,920	IHATE4210\$**#	IHATE5210\$**#	98,495	1,29,185
1250	50	IHATE12120**#	IHATE22120**#	89,005	1,22,520	IHATE4212\$**#	IHATE5212\$**#	1,22,515	1,48,475
1600	50	IHATE12160**#	IHATE22160**#	92,815	1,26,965	IHATE4216\$**#	IHATE5216\$**#	1,29,200	1,57,815
2000	50	IHATE12200**#	IHATE22200**#	1,05,700	1,49,770	IHATE4220\$**#	IHATE5220\$**#	1,43,570	1,79,350
2500	75	IHATH12250**#	IHATH22250**#	1,20,165	1,74,770	IHATH4225\$**#	IHATH5225\$**#	1,55,675	2,03,385
3200	100	IHATV12320**#	IHATV22320**#	1,80,915	2,32,090	IHATV4232\$**#	IHATV5232\$**#	2,15,465	2,64,115
4000	100	IHATV12400**#	IHATV22400**#	2,91,340	3,09,185	IHATV4240\$**#	IHATV5240\$**#	3,18,350	3,34,665

ACB with Microprocessor Release IPR 2 (4 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	50	IHAFF12060**#	IHAFF22060**#	74,495	1,17,100	IHAFF4206\$**#	IHAFF5206\$**#	1,07,735	1,49,460
800	50	IHAFF12080**#	IHAFF22080**#	78,270	1,19,915	IHAFF4208\$**#	IHAFF5208\$**#	1,13,445	1,50,640
1000	50	IHAFF12100**#	IHAFF22100**#	87,690	1,26,310	IHAFF4210\$**#	IHAFF5210\$**#	1,19,425	1,57,910
1250	50	IHAFF12120**#	IHAFF22120**#	1,13,750	1,54,085	IHAFF4212\$**#	IHAFF5212\$**#	1,45,580	1,81,110
1600	50	IHAFF12160**#	IHAFF22160**#	1,17,555	1,68,040	IHAFF4216\$**#	IHAFF5216\$**#	1,52,990	1,94,180
2000	50	IHAFF12200**#	IHAFF22200**#	1,39,840	2,00,660	IHAFF4220\$**#	IHAFF5220\$**#	1,76,555	2,27,425
2500	75	IHAFFH12250**#	IHAFFH22250**#	1,59,055	2,30,245	IHAFFH4225\$**#	IHAFFH5225\$**#	1,92,070	2,59,830
3200***	100	IHAFFV12320**#	IHAFFV22320**#	2,30,900	2,91,260	IHAFFV4232\$**#	IHAFFV5232\$**#	2,67,420	3,27,575
4000***	100	IHAFFV12400**#	IHAFFV22400**#	3,44,450	3,83,710	IHAFFV4240\$**#	IHAFFV5240\$**#	3,99,595	4,06,775

ACB without Release (3 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	50	IHATE10060**#	IHATE20060**#	45,360	65,525	IHATE4006\$**#	IHATE5006\$**#	61,405	97,110
800	50	IHATE10080**#	IHATE20080**#	47,175	68,925	IHATE4008\$**#	IHATE5008\$**#	70,565	98,505
1000	50	IHATE10100**#	IHATE20100**#	49,940	76,225	IHATE4010\$**#	IHATE5010\$**#	74,665	1,04,395
1250	50	IHATE10120**#	IHATE20120**#	65,525	98,170	IHATE4012\$**#	IHATE5012\$**#	97,590	1,23,160
1600	50	IHATE10160**#	IHATE20160**#	71,205	1,05,430	IHATE4016\$**#	IHATE5016\$**#	1,07,050	1,35,990
2000	50	IHATE10200**#	IHATE20200**#	83,770	1,28,220	IHATE4020\$**#	IHATE5020\$**#	1,21,090	1,57,530
2500	75	IHATH10250**#	IHATH20250**#	98,095	1,52,990	IHATH4025\$**#	IHATH5025\$**#	1,33,075	1,79,075
3200	100	IHATV10320**#	IHATV20320**#	1,58,080	2,04,280	IHATV4032\$**#	IHATV5032\$**#	1,90,815	2,31,755
4000	100	IHATV10400**#	IHATV20400**#	2,60,505	2,73,880	IHATV4040\$**#	IHATV5040\$**#	2,89,135	3,03,625

ACB without Release (4 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	50	IHAFF10060**#	IHAFF20060**#	54,435	89,345	IHAFF4006\$**#	IHAFF5006\$**#	83,560	1,23,715
800	50	IHAFF10080**#	IHAFF20080**#	57,200	92,575	IHAFF4008\$**#	IHAFF5008\$**#	89,055	1,24,850
1000	50	IHAFF10100**#	IHAFF20100**#	64,455	1,00,765	IHAFF4010\$**#	IHAFF5010\$**#	94,820	1,32,045
1250	50	IHAFF10120**#	IHAFF20120**#	89,345	1,26,755	IHAFF4012\$**#	IHAFF5012\$**#	1,19,785	1,54,570
1600	50	IHAFF10160**#	IHAFF20160**#	95,715	1,44,275	IHAFF4016\$**#	IHAFF5016\$**#	1,30,620	1,72,015
2000	50	IHAFF10200**#	IHAFF20200**#	1,17,590	1,71,310	IHAFF4020\$**#	IHAFF5020\$**#	1,53,760	2,03,755
2500	75	IHAFFH10250**#	IHAFFH20250**#	1,33,910	2,05,150	IHAFFH4025\$**#	IHAFFH5025\$**#	1,66,300	2,32,195
3200***	100	IHAFFV10320**#	IHAFFV20320**#	2,00,915	2,57,835	IHAFFV4032\$**#	IHAFFV5032\$**#	2,38,220	2,86,710
4000***	100	IHAFFV10400**#	IHAFFV20400**#	3,11,850	3,44,795	IHAFFV4040\$**#	IHAFFV5040\$**#	3,64,165	3,70,005

\$ Please refer table 1 to replace \$ at page-10

** Please refer table 2 to replace ** at page-10

Please refer table 3 to replace # at page-10

*** 4000 A, 4 Pole ACB is also available with 100% Neutral Pole (Price available on request)

Note : Prices on request

ACB range 630A to 4000A (IPR 3)



ACB with Microprocessor Release IPR 1 (3 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	65	IHATS11060**#	IHATS21060**#	75,405	1,04,155	IHATS4106\$**#	IHATS5106\$**#	99,910	1,36,750
800	65	IHATS11080**#	IHATS21080**#	77,800	1,07,660	IHATS4108\$**#	IHATS5108\$**#	1,09,330	1,38,095
1000	65	IHATS11100**#	IHATS21100**#	81,715	1,14,910	IHATS4110\$**#	IHATS5110\$**#	1,13,555	1,43,805
1250	65	IHATS11120**#	IHATS21120**#	1,04,160	1,37,050	IHATS4112\$**#	IHATS5112\$**#	1,37,510	1,62,770
1600	65	IHATS11160**#	IHATS21160**#	1,07,930	1,41,545	IHATS4116\$**#	IHATS5116\$**#	1,44,220	1,72,015
2000	65	IHATS11200**#	IHATS21200**#	1,20,945	1,63,980	IHATS4120\$**#	IHATS5120\$**#	1,58,610	1,93,285

ACB with Microprocessor Release IPR 1 (4 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	65	IHAFS11060**#	IHAFS21060**#	89,625	1,28,670	IHAFS4106\$**#	IHAFS5106\$**#	1,22,710	1,64,050
800	65	IHAFS11080**#	IHAFS21080**#	93,360	1,31,990	IHAFS4108\$**#	IHAFS5108\$**#	1,28,365	1,65,305
1000	65	IHAFS11100**#	IHAFS21100**#	1,00,390	1,40,075	IHAFS4110\$**#	IHAFS5110\$**#	1,34,290	1,72,270
1250	65	IHAFS11120**#	IHAFS21120**#	1,28,670	1,66,470	IHAFS4112\$**#	IHAFS5112\$**#	1,60,350	1,95,180
1600	65	IHAFS11160**#	IHAFS21160**#	1,32,435	1,80,390	IHAFS4116\$**#	IHAFS5116\$**#	1,67,690	2,08,130
2000	65	IHAFS11200**#	IHAFS21200**#	1,54,670	2,06,980	IHAFS4120\$**#	IHAFS5120\$**#	1,91,285	2,39,515

ACB with Microprocessor Release IPR 2 (3 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	65	IHATS12060**#	IHATS22060**#	83,655	1,11,695	IHATS4206\$**#	IHATS5206\$**#	1,07,450	1,44,295
800	65	IHATS12080**#	IHATS22080**#	86,075	1,15,200	IHATS4208\$**#	IHATS5208\$**#	1,16,875	1,45,640
1000	65	IHATS12100**#	IHATS22100**#	90,030	1,22,370	IHATS4210\$**#	IHATS5210\$**#	1,21,090	1,51,280
1250	65	IHATS12120**#	IHATS22120**#	1,12,755	1,44,445	IHATS4212\$**#	IHATS5212\$**#	1,45,115	1,70,175
1600	65	IHATS12160**#	IHATS22160**#	1,16,560	1,48,940	IHATS4216\$**#	IHATS5216\$**#	1,51,830	1,79,420
2000	65	IHATS12200**#	IHATS22200**#	1,29,775	1,71,310	IHATS4220\$**#	IHATS5220\$**#	1,66,300	2,00,615

\$ Please refer table 1 to replace \$ at page-10

** Please refer table 2 to replace ** at page-10

Please refer table 3 to replace # at page-10

Note : Prices on request

ACB range 630A to 2000A (65kA) (IPR 3)

Industrial Switchgear

Titania Air Circuit Breaker

(Conforms to IEC:60947 - 2 / IS: 13947 - 2)

HAVELLS

List Prices (LP) are in Indian ₹
as per Regular Terms & Conditions



ACB with Microprocessor Release IPR 2 (4 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	65	IHAFS12060**#	IHAFS22060**#	98,015	1,37,495	IHAFS4206\$**#	IHAFS5206\$**#	1,31,475	1,73,210
800	65	IHAFS12080**#	IHAFS22080**#	1,01,785	1,40,850	IHAFS4208\$**#	IHAFS5208\$**#	1,37,185	1,74,475
1000	65	IHAFS12100**#	IHAFS22100**#	1,08,875	1,48,935	IHAFS4210\$**#	IHAFS5210\$**#	1,43,165	1,81,430
1250	65	IHAFS12120**#	IHAFS22120**#	1,37,495	1,75,505	IHAFS4212\$**#	IHAFS5212\$**#	1,69,550	2,04,495
1600	65	IHAFS12160**#	IHAFS22160**#	1,41,305	1,89,560	IHAFS4216\$**#	IHAFS5216\$**#	1,76,960	2,17,560
2000	65	IHAFS12200**#	IHAFS22200**#	1,63,815	2,16,330	IHAFS4220\$**#	IHAFS5220\$**#	2,00,850	2,49,175

ACB Without Release (3 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	65	IHATS10060**#	IHATS20060**#	62,920	91,815	IHATS4006\$**#	IHATS5006\$**#	87,530	1,24,715
800	65	IHATS10080**#	IHATS20080**#	65,340	95,345	IHATS4008\$**#	IHATS5008\$**#	97,040	1,26,075
1000	65	IHATS10100**#	IHATS20100**#	69,290	1,02,790	IHATS4010\$**#	IHATS5010\$**#	1,01,305	1,31,965
1250	65	IHATS10120**#	IHATS20120**#	91,820	1,25,280	IHATS4012\$**#	IHATS5012\$**#	1,25,350	1,51,240
1600	65	IHATS10160**#	IHATS20160**#	95,620	1,29,805	IHATS4016\$**#	IHATS5016\$**#	1,32,125	1,60,570
2000	65	IHATS10200**#	IHATS20200**#	1,08,630	1,52,590	IHATS4020\$**#	IHATS5020\$**#	1,46,525	1,82,170

ACB Without Release (4 Pole)

HSN Code: 8536

Current Rating (A)	Breaking Capacity 415V (kA)	Ordering Code		LP ₹		Ordering Code		LP ₹	
		MANUAL		MANUAL		ELECTRICAL		ELECTRICAL	
		Fixed	Drawout	Fixed	Drawout	Fixed	Drawout	Fixed	Drawout
630	65	IHAFS10060**#	IHAFS20060**#	77,280	1,16,560	IHAFS4006\$**#	IHAFS5006\$**#	1,10,540	1,52,270
800	65	IHAFS10080**#	IHAFS20080**#	81,055	1,19,915	IHAFS4008\$**#	IHAFS5008\$**#	1,16,255	1,53,540
1000	65	IHAFS10100**#	IHAFS20100**#	88,140	1,28,195	IHAFS4010\$**#	IHAFS5010\$**#	1,22,235	1,60,690
1250	65	IHAFS10120**#	IHAFS20120**#	1,16,560	1,54,975	IHAFS4012\$**#	IHAFS5012\$**#	1,48,415	1,83,955
1600	65	IHAFS10160**#	IHAFS20160**#	1,20,365	1,69,015	IHAFS4016\$**#	IHAFS5016\$**#	1,55,830	1,97,025
2000	65	IHAFS10200**#	IHAFS20200**#	1,42,675	1,95,990	IHAFS4020\$**#	IHAFS5020\$**#	1,79,515	2,28,835

\$ Please refer table 1 to replace \$ at page-10

** Please refer table 2 to replace ** at page-10

Please refer table 3 to replace # at page-10

Note : Prices on request

ACB range 630A to 4000A (65kA) (IPR 3)

1. Microprocessor Based OCR (IPR)

HSN Code: 8536

S.No.	SAP Code	Description	LP ₹
1-1	ISACX0172	IPR-E	8,390
1-2	ISACX0214	IPR-1	12,585
1-3	ISACX0173	IPR-2	16,780
1-4	ISACX0199	IPR-3	37,750
1-5	SACX0346	Communication software for IPR-3	Av. on request

2. Spring Charging Motor

HSN Code: 8536

S.No.	SAP Code	Description	LP ₹
2-1	ISACX0358	Charging Motor 110 V	21,075
2-2	ISACX0147	Charging Motor 230 V	21,075

3. Main CTs *1

HSN Code: 8536

S.No.	SAP Code	Description	LP ₹
3-1	ICELFACL018	CT 400A	1,745
3-2	ICELFACL001	CT 630A	1,745
3-3	ICELFACL002	CT 800A	1,745
3-4	ICELFACL003	CT 1000A	1,840
3-5	ICELFACL004	CT 1250A	1,840
3-6	ICELFACL005	CT 1600A	1,840
3-7	ICELFACL006	CT 2000A	2,465
3-8	ICELFACL007	CT 2500A	2,465

4. Neutral CTs *2

HSN Code: 8536

S.No.	SAP Code	Description	LP ₹
4-1	ICELFACL019	NCT 400A	1,745
4-2	ICELFACL012	NCT 630A	1,745
4-3	ICELFACL013	NCT 800A	1,745
4-4	ICELFACL014	NCT 1000A	1,840
4-5	ICELFACL015	NCT 1250A	1,840
4-6	ICELFACL016	NCT 1600A	1,840
4-7	ICELFACL017	NCT 2000A	2,465
4-8	ICELFACL021	NCT 2500A	2,850

5. Under Voltage Trip Device (UVT)

HSN Code: 8536

S.No.	SAP Code	Description	LP ₹
5-1	ISACX0196	220 VAC/DC	2,915
5-2	ISACX0197	415 VAC	2,915

6. Shunt Trip / Closing Coil

HSN Code: 8536

S.No.	SAP Code	Description	LP ₹
6-1	ISACX0170	24 VDC	2,155
6-2	ISACX0168	110 VAC/DC	2,155
6-3	ISACX0167	220 VAC/DC	2,155
6-4	ISACX0212	415 VAC	2,155

7. Key Lock / Key Interlock

HSN Code: 8536

S.No.	SAP Code	Description	LP ₹
7-1	ISACX0353	Key lock (1 lock+1 key)	1,090
7-2	ISACX0181	Key interlock (2 locks+1 keys)	2,350
7-3	ISACX0210	Key interlock (3 locks+2 keys)	3,230
7-4	ISACX0332	Castle Lock Unit (1 lock+1 key)	2,590
7-5	ISSACX0437	Castle Lock Unit (2 lock+1 key)	4,565
7-6	ISSACX0436	Castle Lock Unit (3 lock+2 key)	7,265

8. Adaptor Type Terminals (additional price)

HSN Code: 8536

S.No.	SAP Code	Description	LP ₹
8-1	SACP0174	630/800A	1,330
8-2	SACP0175	1000/1250A	1,725
8-3	SACP0179	1600A	1,975
8-4	SACP0176	2000A	2,230

9. Other Accessories

HSN Code: 8536

S.No.	SAP Code	Description	LP ₹
9-1	ISACX0301	On/Off Button cover	275
9-2	ISACX0207	Spring charge indication switch	645
9-3	ISACX0208	Door Interlock	1,725
9-4	ISACX0349	Trip indication Switch	470
9-5	ISACX0303	Mal Insertation prevention device	410
9-6	ISACX0139	Aux. switch (5 c/o additional)	1,095
9-7	ISACX0182	Position indication switch	1,645
9-8	ISACX0302	Field test unit	1,645
9-9	ISACX0028	Close open cycle counter	1,525
9-10	ISACX0341	Drawout position Lock	1,330
9-11	ISACX0340	Mechanical Interlock through wire	Av. on request

*1 For 3200A & 4000A rating ACBs 2 nos each of 1600 & 2000A CTs are use respectively in series on each pole.

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

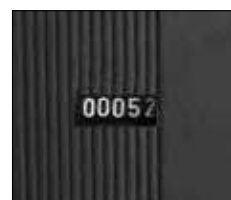


Table 1

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

Table 2

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

Table 3

Current Transformer	#
CT Rating is same as of ACB	0 (Zero)
400A	A
630A	B
800A	C
1000A	D
1250A	E
1600A	F
2000A	G
3200A	I
4000A	J



*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	Aux. Contact Unit 5CO 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.

Features Available in Different Models of Over Current Release (IPR)



Functions	IPRE	IPR1	IPR2	IPR3
Overload Function (LTD)	•	•	•	•
Short Circuit Function (STD)		•	•	•
Instantaneous Function for short circuit protection (INST)	•	•	•	•
Ground fault Function (GFT)		•	•	•
Function blocking feature for all the above 4 functions		•	•	•
Pre trip alarm function			•	•
Measurement function				
• 3 phase current			•	•
• 3 phase voltage				•
• Tripping time				•
• KVA				•
• KWH				•
• Power factor				•
• Max. demand (KVA & KWH)				•
• Ambient temperature				•
• Breaker terminal temperature				•
Under voltage / Overvoltage alarm				•
Fault History			•	•
Self Monitoring			•	•
Temperature sensing				•
Breaker fault			•	•
Potential free contacts			•	•
LED Indications	•	•	•	•
Operation counter			•	•
Function Check	•	•	•	•
LCD display			•	•
Communication Port RS 485				•

• Available

Titania

Air Circuit Breaker

Order Form

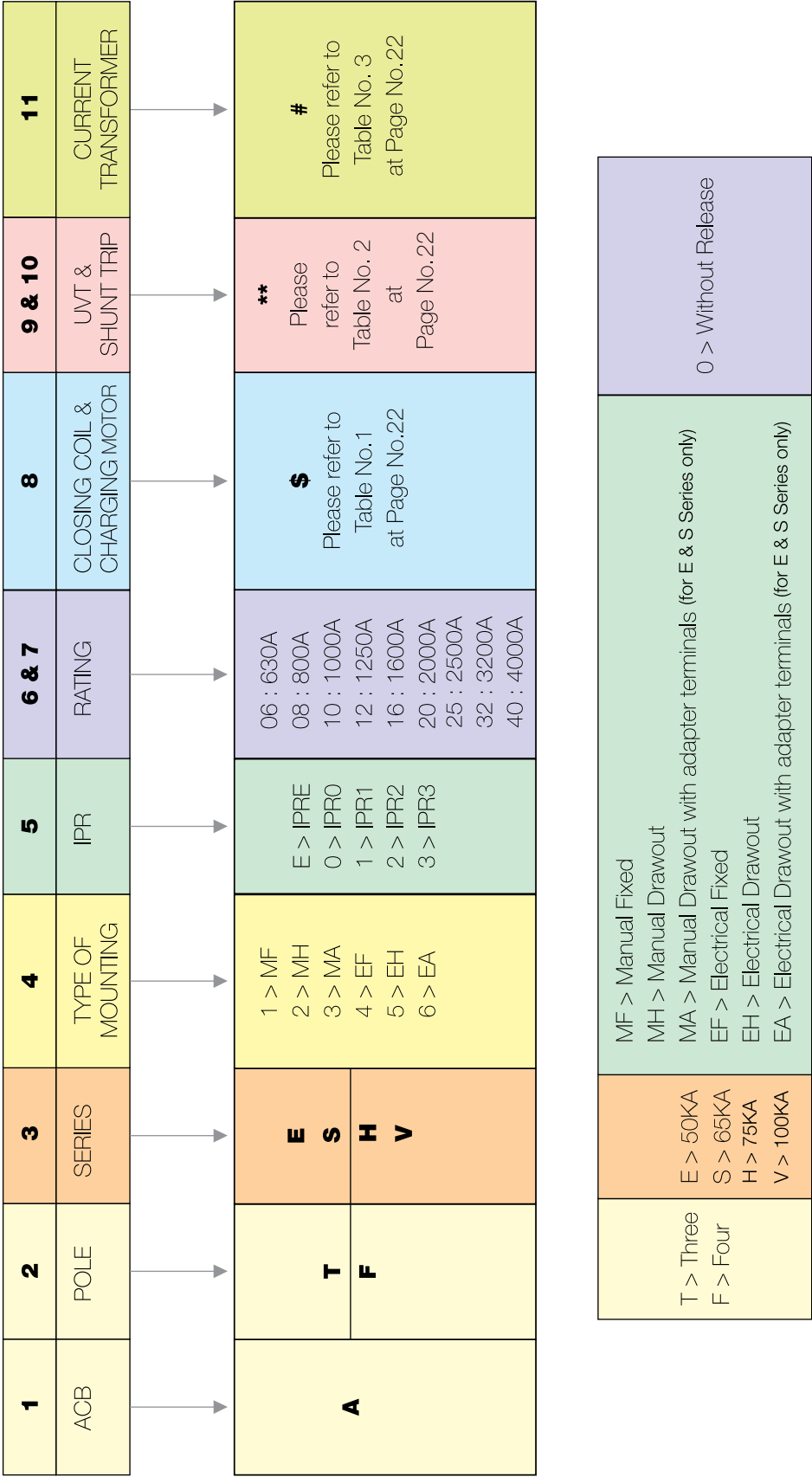
Please check ☒ in front of appropriate box. Fill separate sheet for each type of ACB

CUSTOMER/ DEALER NAME		ORDER NO./DATE		END USER NAME	
Rating of ACB	630A ☐	1000A ☐	1600A ☐	2500A ☐	4000A ☐
	800A ☐	1250A ☐	2000A ☐	3200A ☐	
	Qty.				
Series	E ☐	S ☐	H ☐	V ☐	
No. of Poles	2 ☐	3 ☐	4 ☐	4 ☐	
			(100% Neutral)	(50% Neutral for V-Series only)	
Mounting	Fixed ☐	Drawout ☐	Standard (for E&S series) ☐ Vertical terminals (for H&V series) ☐		
	Note: For E & S series - Adapter terminals are on demand				
Spring Charging Operation	Manual ☐	Electrical ☐	Closing Coil _____ VAC/DC Tripping Coil _____ VAC/DC Motor _____ V		
Release	☐ Without Release	☐ IPR E	☐ IPR 1	☐ IPR 2	☐ IPR 3
	CT Rating _____ A,		Neutral CT ☐		
	Setting: O/L _____ A,		S/C _____ A,		
	Inst. _____ A,		GFT _____ A,		
	Note: Unless otherwise specified O/L will be set at maximum value and all other settings would be set at mid values.				
Other Accessories	Close open cycle counter ☐	Field test unit ☐	Position Indication Switch ☐	Spring Charge Indication Switch ☐	Mechanical Interlock ☐
	Mal Insertion Prevention device ☐	Door Interlock ☐	Five c/o additional Aux. contacts ☐	Shunt Trip ☐	UVT ☐
			Trip Indication Switch ☐	Key Lock ☐	
			Key Interlock	2L+1K ☐ 3L+2K ☐	

Note :

- Please specify the voltages for closing coil, shunt trip coil and UVT, available voltages are 24VDC, 110VAC/DC, 220VAC/DC and 415V AC and for motor available voltages are 220V AC / DC and 110V AC / DC.
- For details of Over current release, please refer the technical catalogue.

Havells Ordering Code Logic for ACB





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SH Frame: Fixed Thermal & Fixed Magnetic setting

Ics = 50% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹
10	15	SH	IHLSHAAT0015	1,480
	20		IHLSHAAT0020	
	32		IHLSHAAT0032	
	40		IHLSHAAT0040	



ML1 Frame: Fixed Thermal & Fixed Magnetic setting

Ics = 50% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹
10	63	ML 1	IHLM1AAT0063	1,420
	80		IHLM1AAT0080	1,420
	100		IHLM1AAT0100	1,495
	125		IHLM1AAT0125	2,105



G Frame: Fixed Thermal & Fixed Magnetic setting | Ics = 100% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Single Pole Cat. No.	LP ₹	Three Pole Cat. No.	LP ₹	Four Pole wSN Cat. No.	LP ₹
10	25	GS	IHLGSS0025	770	IHLGST0025	1,630	IHLGSF0025	2,140
	32		IHLGSS0032		IHLGST0032		IHLGSF0032	
	40		IHLGSS0040		IHLGST0040		IHLGSF0040	
	50		IHLGSS0050		IHLGST0050		IHLGSF0050	
	63		IHLGSS0063		IHLGST0063	1,705	IHLGSF0063	2,250
	80		IHLGSS0080 #	1,020	IHLGST0080 #	1,740	IHLGSF0080 #	2,620
	100		IHLGSS0100 #		IHLGST0100 #		IHLGSF0100 #	
	125		IHLGSS0125 #		IHLGST0125 #	2,965	IHLGSF0125 #	3,515
	150		IHLGSS0150 #		IHLGST0150 #	3,545	IHLGSF0150 #	4,695
	160		IHLGSS0160 #	1,100	IHLGST0160 #		IHLGSF0160 #	



G Frame: Fixed Thermal & Fixed Magnetic setting | Ics = 75% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Single Pole Cat. No.	LP ₹	Three Pole Cat. No.	LP ₹	Four Pole wSN Cat. No.	LP ₹
16	25	GN	IHLGNS0025	1,040	IHLGNT0025	2,925	IHLGNF0025	3,460
	32		IHLGNS0032		IHLGNT0032		IHLGNF0032	
	40		IHLGNS0040		IHLGNT0040		IHLGNF0040	
	50		IHLGNS0050		IHLGNT0050		IHLGNF0050	
	63		IHLGNS0063		IHLGNT0063		IHLGNF0063	
	80		IHLGNS0080 #	1,130	IHLGNT0080 #	3,230	IHLGNF0080 #	3,925
	100		IHLGNS0100 #		IHLGNT0100 #		IHLGNF0100 #	
	125		IHLGNS0125 #		IHLGNT0125 #	3,530	IHLGNF0125 #	4,270
	150		IHLGNS0150 #		IHLGNT0150 #	4,025	IHLGNF0150 #	4,845
	160		IHLGNS0160 #		IHLGNT0160 #		IHLGNF0160 #	



* In GS 25A / 32A / 40A / 50A / 63A are without extended terminals. However extended terminal are available on request at extra price for these rating

Extended Terminals: In G-Frame from (80A to 160A)

In SH-Frame only 100A

MCCBs of rating 80A & above are also available without extended terminals / spreader links (Price on Request).



G Frame: Fixed Thermal & Fixed Magnetic setting | Ics = 50% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Single Pole Cat. No.	LP ₹	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
25	25	GH	IHLGHDAS0025	1,250	IHLGHT0025	3,450	IHLGHF0025	4,090
	32		IHLGHDAS0032		IHLGHT0032		IHLGHF0032	
	40		IHLGHDAS0040		IHLGHT0040		IHLGHF0040	
	50		IHLGHDAS0050		IHLGHT0050		IHLGHF0050	
	63		IHLGHDAS0063		IHLGHT0063		IHLGHF0063	
	80		IHLGHDAS0080 #		IHLGHT0080 #		IHLGHF0080 #	
	100		IHLGHDAS0100 #		IHLGHT0100 #	3,625	IHLGHF0100 #	4,440
	125		IHLGHDAS0125 #	1,320	IHLGHT0125 #	3,875	IHLGHF0125 #	5,095
	150		IHLGHDAS0150 #	1,490	IHLGHT0150 #	5,710	IHLGHF0150 #	6,665
	160		IHLGHDAS0160 #		IHLGHT0160 #		IHLGHF0160 #	

F Frame: Fixed Thermal & Fixed Magnetic setting

Ics = 100% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
35	25	FN	IHLFNT0025	5,750	IHLFNF0025	6,530
	32		IHLFNT0032		IHLFNF0032	
	40		IHLFNT0040		IHLFNF0040	
	50		IHLFNT0050		IHLFNF0050	
	63		IHLFNT0063		IHLFNF0063	
	80		IHLFNT0080 #		IHLFNF0080 #	6,735
	100		IHLFNT0100 #		IHLFNF0100 #	
	125		IHLFNT0125 #	6,620	IHLFNF0125 #	7,945
	160		IHLFNT0160 #	8,510	IHLFNF0160 #	10,635
	200		IHLFNT0200 #	10,030	IHLFNF0200 #	13,440
	250		IHLFNT0250 #	12,585	IHLFNF0250 #	16,420



F Frame: Fixed Thermal & Fixed Magnetic setting

Ics = 100% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
50	25	FH	IHLFHT0025	6,465	IHLFHF0025	7,330
	32		IHLFHT0032		IHLFHF0032	
	40		IHLFHT0040		IHLFHF0040	
	50		IHLFHT0050		IHLFHF0050	
	63		IHLFHT0063		IHLFHF0063	
	80		IHLFHT0080 #	6,900	IHLFHF0080 #	8,190
	100		IHLFHT0100 #		IHLFHF0100 #	
	125		IHLFHT0125 #	7,600	IHLFHF0125 #	9,735
	160		IHLFHT0160 #	9,095	IHLFHF0160 #	11,370
	200		IHLFHT0200 #	10,340	IHLFHF0200 #	13,960
	250		IHLFHT0250 #	12,765	IHLFHF0250 #	17,025



Note : Switch Disconnecter versions in different frame sizes are also available for following ratings (Prices on request) G Frame 100A, 125A

* In GN & GH 25A / 32A / 40A / 50A / 63A are without extended terminals, however extended terminals are available on request at extra price for these ratings

Extended Terminals: In G-Frame from (80A to 160A) In F-Frame from (80A to 250A)

MCCB's of rating 80A & above are also available without extended terminals / spreader links (Price on Request).



A Frame: Adjustable Thermal* & Fixed Magnetic setting

Ics = 100% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
16	160	AS	IHLAST0160 #	4,585	IHLASF0160 #	6,590
	200		IHLAST0200 #	5,275	IHLASF0200 #	7,205

Ics = 75% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Single Pole Cat. No.	LP ₹	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
25	25	AS	IHLASS0025	1,615	IHLAST0025	3,360	IHLASF0025	4,650
	32		IHLASS0032		IHLAST0032		IHLASF0032	
	40		IHLASS0040		IHLAST0040		IHLASF0040	
	50		IHLASS0050		IHLAST0050		IHLASF0050	
	63		IHLASS0063		IHLAST0063		IHLASF0063	
	80		IHLASS0080 #		IHLAST0080 #		IHLASF0080 #	
	100		IHLASS0100 #		IHLAST0100 #	3,660	IHLASF0100 #	4,905
	125	AN	IHLASS0125 #	2,685	IHLAST0125 #	5,045	IHLASF0125 #	5,885
	160		IHLANS0160 #	3,095	IHLANT0160 #	6,015	IHLANF0160 #	7,465
	200		IHLANS0200 #	3,535	IHLANT0200 #	7,665	IHLANF0200 #	9,470
	250		IHLANS0250 #	3,970	IHLANT0250 #	9,060	IHLANF0250 #	11,530

Ics = 75% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
35	25	AN	IHLANT0025	4,285	IHLANF0025	5,235
	32		IHLANT0032		IHLANF0032	
	40		IHLANT0040		IHLANF0040	
	50		IHLANT0050		IHLANF0050	
	63		IHLANT0063		IHLANF0063	
	80		IHLANT0080 #		IHLANF0080 #	
	100		IHLANT0100 #	4,945	IHLANF0100 #	5,775
	125		IHLANT0125 #	5,115	IHLANF0125 #	6,025

Note : *Adjustable thermal (70% -100%)

Switch Disconnector versions in different frame sizes are also available for following ratings (Prices on request), - A Frame 200A, 250A

In A Frame 25A / 32A / 40A / 50A / 63A are without extended terminals, however extended terminals are available on request at extra price for these ratings

All MCCB's of rating 80A & above are with extended terminals. MCCB's of rating 80A & above are also available without extended terminals / spreader links (Price on Request).

A Frame: Adjustable Thermal* & Adjustable Magnetic Setting

Ics = 100% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
16	160	AS	IHLASBCT0160 #	4,905	IHLASBCF0160 #	6,915
	200		IHLASBCT0200 #	5,600	IHLASBCF0200 #	7,535

Ics = 75% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
25	80	AS	IHLASDCT0080 #	3,925	IHLASDCF0080 #	5,170
	100		IHLASDCT0100 #		IHLASDCF0100 #	
	125		IHLASDCT0125 #		IHLASDCF0125 #	
	160	AN	IHLANDCT0160 #	6,330	IHLANDCF0160 #	7,790
	200		IHLANDCT0200 #	7,975	IHLANDCF0200 #	9,810
	250		IHLANDCT0250 #	9,385	IHLANDCF0250 #	11,870

Ics = 75% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
35	80	AN	IHLANECT0080 #	5,225	IHLANECF0080 #	6,035
	100		IHLANECT0100 #			
	125		IHLANECT0125 #	5,420	IHLANECF0125 #	6,330





L Frame: Adjustable Thermal* & Fixed Magnetic setting

Ics = 100% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
36	200	LS	IHLLSEBT0200 #	14,400	IHLLSEBF0200 #	17,190
	250		IHLLSEBT0250 #	14,930	IHLLSEBF0250 #	17,925
	320		IHLLSEBT0320 #	15,770	IHLLSEBF0320 #	21,015
	400		IHLLSEBT0400 #		IHLLSEBF0400 #	
	500		IHLLSEBT0500 #	19,135	IHLLSEBF0500 #	23,805
	630		IHLLSEBT0630 #	19,780	IHLLSEBF0630 #	24,695

Ics = 75% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
50	200	LN	IHLLNFBT0200 #	14,610	IHLLNFBF0200 #	17,420
	250		IHLLNFBT0250 #	15,720	IHLLNFBF0250 #	18,670
	320		IHLLNFBT0320 #	17,190	IHLLNFBF0320 #	22,595
	400		IHLLNFBT0400 #		IHLLNFBF0400 #	
	500		IHLLNFBT0500 #	20,430	IHLLNFBF0500 #	25,190
	630		IHLLNFBT0630 #	21,090	IHLLNFBF0630 #	27,200

Note : # MCCBs are with extended terminals. *Adjustable thermal (80% -100%)



L Frame: Adjustable Thermal & Adjustable Magnetic setting*

Ics = 100% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
36	200	LS	IHLLSECT0200 #	14,960	IHLLSECF0200 #	17,855
	250		IHLLSECT0250 #	15,435	IHLLSECF0250 #	18,420
	320		IHLLSECT0320 #	16,240	IHLLSECF0320 #	21,500
	400		IHLLSECT0400 #		IHLLSECF0400 #	
	500		IHLLSECT0500 #	19,605	IHLLSECF0500 #	24,270
	630		IHLLSECT0630 #	20,225	IHLLSECF0630 #	25,140

Ics = 75% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
50	200	LN	IHLLNFCT0200 #	15,225	IHLLNFCF0200 #	17,995
	250		IHLLNFCT0250 #	16,215	IHLLNFCF0250 #	19,160
	320		IHLLNFCT0320 #	17,685	IHLLNFCF0320 #	23,085
	400		IHLLNFCT0400 #		IHLLNFCF0400 #	
	500		IHLLNFCT0500 #	20,905	IHLLNFCF0500 #	25,660
	630		IHLLNFCT0630 #	21,540	IHLLNFCF0630 #	27,655

Note : * Adjustable thermal (80% -100%) | # All MCCBs are with extended terminals & also available without extended terminal/spreader links (Price on Request)



C Frame: Adjustable Thermal & Adjustable Magnetic setting*

Ics = 75% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
35	160	CN	IHLCNT0160 #	18,230	IHLCNF0160 #	23,990
	200		IHLCNT0200 #		IHLCNF0200 #	
	250		IHLCNT0250 #		IHLCNF0250 #	
	315		IHLCNT0315 #	18,890	IHLCNF0315 #	24,855
	400		IHLCNT0400 #		IHLCNF0400 #	
	500		IHLCNT0500 #		IHLCNF0500 #	
	630		IHLCNT0630 #	22,340	IHLCNF0630 #	27,415
	800		IHLCNT0800 #	23,080	IHLCNF0800 #	28,320
				26,875		33,290

Ics = 50% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
50	160	CH	IHLCHT0160 #	20,055	IHLCHF0160 #	26,570
	200		IHLCHT0200 #		IHLCHF0200 #	
	250		IHLCHT0250 #		IHLCHF0250 #	
	315		IHLCHT0315 #		IHLCHF0315 #	
	400		IHLCHT0400 #		IHLCHF0400 #	
	500		IHLCHT0500 #	24,525	IHLCHF0500 #	30,480
	630		IHLCHT0630 #		IHLCHF0630 #	
	800		IHLCHT0800 #	29,445	IHLCHF0800 #	35,340

D Frame: Adjustable Thermal & Adjustable Magnetic setting*

Ics = 75% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹
50	1000	DN	IHLDNT1000 #	66,995
	1250		IHLDNT1250 #	76,805
	1600		IHLDNT1600 #	82,785

Note : *Adjustable thermal (70%-100%) & adjustable magnetic from 160-315A (5-10 times)/400-800A (4-10times).

Switch Disconnector versions in different frame sizes are also available for following ratings (Prices on request)

- C Frame 315A, 400A, 630A, 800A

- D Frame 1250A, 1600A

All MCCB's are with extended terminals. MCCB's are also available without extended terminals / spreader links (except DN-Frame).





G Frame (DC) : Fixed Thermal & Fixed Magnetic setting

Ics = 75% of Icu

HSN Code: 8536

Breaking Capacity Icu at 250VDC (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹
5	25	GN	IHMCGNT0025	3,070
	32		IHMCGNT0032	
	40		IHMCGNT0040	
	50		IHMCGNT0050	
	63		IHMCGNT0063	
	80		IHMCGNT0080 #	
	100		IHMCGNT0100 #	4,095
	125		IHMCGNT0125 #	
	160		IHMCGNT0160 #	

A Frame (DC) : Adjustable Thermal* & Fixed Magnetic setting

Ics = 75% of Icu

HSN Code: 8536

Breaking Capacity Icu at 250VDC (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹
10	25	AN	IHMCANT0025	4,205
	32		IHMCANT0032	
	40		IHMCANT0040	
	50		IHMCANT0050	
	63		IHMCANT0063	
	80		IHMCANT0080 #	4,575
	100		IHMCAABT0100 #	
	125		IHMCANT0125 #	
	160		IHMCANT0160 #	8,650
	200		IHMCANT0200 #	9,380
	250		IHMCANT0250 #	10,580

C Frame (DC) : Adjustable Thermal & Adjustable Magnetic setting*

Ics = 50% of Icu

HSN Code: 8536

Breaking Capacity Icu at 250VDC (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹
20	160	CH	IHMCCHT0160 #	21,305
	200		IHMCCHT0200 #	
	250		IHMCCHT0250 #	
	315		IHMCCHT0315 #	
	400		IHMCCHT0400 #	
	500		IHMCCHT0500 #	25,270
	630		IHMCCHT0630 #	
	800		IHMCCHT0800 #	

Note : *Adjustable thermal (70%-100%) & adjustable magnetic from 160-315A (5-10 times) / 400-800A (4-10 times).

All the above MCCB's are with extended terminals.

It is recommended for DC circuits, two poles are connected in series for the positive phase and the third pole be connected in the negative phase.

Accessories for Loadline MCCB Enclosures

HSN Code: 8536

Sl.No.	Description	Cat. No.	LP ₹
1.	'ML' Frame TP	IHEMTP	775
2.	'G' Frame TP	IHEGTP	1,360
3.	'G' Frame FP	IHEGFP	1,360
4.	'A' Frame TP	IHEATP	1,470
5.	'A' Frame FP	IHEAFP	1,470
6.	'F' Frame TP	IHEFTP	1,570
7.	'F' Frame FP	IHEFFP	1,570
8.	'C' Frame TP / FP (400A)	IHECTP	6,565
9.	'C' Frame TP / FP (800A)	IHECTS	6,935
10.	'L' Frame TP	IHELTP	5,640
11.	'L' Frame FP	IHELFP	6,105



HSN Code: 8536

Accessories for Loadline Moulded Case Circuit Breakers

Description	'G' Frame		'A' Frame		'F' Frame		'C' Frame		'D' Frame		'L' Frame	
	Cat. No.	LP ₹	Cat. No.	LP ₹	Cat. No.	LP ₹	Cat. No.	LP ₹	Cat. No.	LP ₹	Cat. No.	LP ₹
Shunt Trip												
100-110Vac	IHLGS110	895	IHLAS110	920	IHLSTF110	1,070	IHLCS110	1,305	IHLSTD110	1,395	IHLLS110	1,270
220-240Vac	IHLGS240	895	IHLAS240	920	IHLSTF240	1,070	IHLCS240	1,305	IHLSTD240	1,395	IHLLS240	1,270
380-415Vac	IHLGS415	895	IHLAS415	920	IHLSTF415	1,070	IHLCS415	1,305	IHLSTD415	1,395	IHLLS415	1,270
Under Voltage Release												
110-120Vac	IHLGU110	1,095	IHLAU110	1,215	IHLUVR110	1,215	IHLUCU110	1,530	IHLUVRD110	1,680	IHLLU110	1,530
220-240Vac	IHLGU240	1,095	IHLAU240	1,215	IHLUVR240	1,215	IHLUCU240	1,530	IHLUVRD240	1,680	IHLLU240	1,530
380-440Vac	IHLGU440	1,095	IHLAU440	1,215	IHLUVR440	1,215	IHLUCU440	1,530	IHLUVRD440	1,680	IHLLU415	1,530
Auxiliary Contact (250Vac/250Vdc) (450Vac/250Vdc)												
1-Changeover	IHLASG1CO	605	IHLAA1CO	625	IHLASF1CO	625	IHLASC1CO	865	IHLASD1CO	1,165	IHLA1CO	725
2-Changeover	IHLASG2CO	685	IHLAA2CO	860	IHLASF2CO	860	IHLASC2CO	1,085	IHLASD2CO	1,420	IHLA2CO	905
Rotary Handle												
Direct mounting	IHLGD000	895	IHLAD000	1,125								
Door Mounting	IHLGRN30	895	IHLARN30	1,125	IHLRRHF30	1,200	IHLRRHC30	2,085	IHLRRHD30	3,735	IHLRN30	2,075
Trip Alarm Contact (Factory Fitted)	IHLALG1CO	515	IHLALA1CO	585	IHLALF1CO	585	IHLALC1CO*	790	—	—	IHLB000	690
Back Studs												
	—	—	IHLBSA250	\$	—	—	IHLBSC##	\$	—	—		

Note : Following additional accessories are available on request :

- Terminal Shrouds for G, A, F frame
- Dolly Pad Lock for G, A, F, C & L frame
- Factory fitted Castell Lock available in C and D frame
- \$ - Back Studs (Price on Request)
- * - Factory Fitted only
- # - Replace '#' with rating

Earth Fault Relay for MCCBs

HSN Code: 8536

Sl. No.	MCCBs Current Range (Amps)	Cat. No.**	LP ₹
1	25-100	IHEF1100	4,555
2	125-200	IHEF2200	5,175
3	250-400	IHEF3400	6,035
4	500-800	IHEF4800	7,525

- 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.



**FE Frame :** Ics = 100% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
35	25	FEN	IHLFENT0025	8,060	IHLFENF0025	10,435
	32		IHLFENT0032		IHLFENF0032	
	40		IHLFENT0040		IHLFENF0040	
	50		IHLFENT0050		IHLFENF0050	
	63		IHLFENT0063		IHLFENF0063	
	80		IHLFENT0080 #		IHLFENF0080 #	
	100		IHLFENT0100 #		IHLFENF0100 #	
	125		IHLFENT0125 #	9,180	IHLFENF0125 #	11,730
	160		IHLFENT0160 #	9,820	IHLFENF0160 #	12,405
	200		IHLFENT0200 #	12,460	IHLFENF0200 #	14,475
	250		IHLFENT0250 #	14,460	IHLFENF0250 #	17,020

Ics = 75% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
50	25	FEH	IHLFEHT0025	8,535	IHLFEHF0025	10,910
	32		IHLFEHT0032		IHLFEHF0032	
	40		IHLFEHT0040		IHLFEHF0040	
	50		IHLFEHT0050		IHLFEHF0050	
	63		IHLFEHT0063		IHLFEHF0063	
	80		IHLFEHT0080 #		IHLFEHF0080 #	
	100		IHLFEHT0100 #		IHLFEHF0100 #	
	125		IHLFEHT0125 #	9,685	IHLFEHF0125 #	12,235
	160		IHLFEHT0160 #	10,860	IHLFEHF0160 #	13,440
	200		IHLFEHT0200 #	13,515	IHLFEHF0200 #	15,505
	250		IHLFEHT0250 #	15,570	IHLFEHF0250 #	18,085

*Adjustable thermal (40%-100%) & adjustable magnetic (6-10 times of Ir)

Extended terminal: In FEN Frame from (80A-250A)

In FEH Frame from (80A-250A)

MCCBs of rating 80A & above are also available without extended terminals/spreaderlinks (Price on request)

LE Frame : Ics = 100% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
36	250	LES	IHLLSEET0250 #	20,255	IHLLSEEF0250 #	24,520
	320		IHLLSEET0320 #		IHLLSEEF0320 #	
	400		IHLLSEET0400 #		IHLLSEEF0400 #	
	500		IHLLSEET0500 #	21,490	IHLLSEEF0500 #	28,690
	630		IHLLSEET0630 #		IHLLSEEF0630 #	

Ics = 75% of Icu

HSN Code: 8536

Breaking Capacity Icu at 415V (kA)	Current Rating (A)	Frame	Three Pole Cat. No.	LP ₹	Four Pole (wSN) Cat. No.	LP ₹
50	250	LEN	IHLNFEF0250 #	22,520	IHLNFEF0250 #	28,205
	320		IHLNFEF0320 #		IHLNFEF0320 #	
	400		IHLNFEF0400 #		IHLNFEF0400 #	
	500		IHLNFEF0500 #	24,430	IHLNFEF0500 #	32,040
	630		IHLNFEF0630 #		IHLNFEF0630 #	

*Adjustable thermal (40%-100%) & adjustable magnetic (6-10 times of Ir)

Extended terminal: In L Frame from (250A-630A)

All the L Frame MCCBs are also available without extended terminals/spreaderlinks (Price on request)

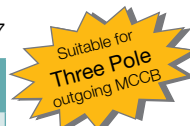
Single door



‘G’ Frame Panel Boards, O/G TP MCCBs G-Frame

HSN Code: 8537

Incomer**	Outgoing* (No. of Ways)	Single Door Cat. No.	LP ₹	Double Door Cat. No.	LP ₹
250A "AA" Frame MCCB	2	IHVG025002	28,975	IHVG02500200	31,660
	4	IHVG025004	36,405	IHVG02500400	39,045
	6	IHVG025006	41,660	IHVG02500600	44,325
	8	IHVG025008	45,120	IHVG02500800	47,775
	12	IHVG025012	55,710	IHVG02501200	58,330
	16	IHVG025016	65,545	IHVG02501600	68,210
400A "LS" Frame MCCB	2	IHLG040002	33,855	IHLG04000200	36,990
	4	IHLG040004	40,425	IHLG04000400	43,360
	6	IHLG040006	43,030	IHLG04000600	45,780
	8	IHLG040008	45,970	IHLG04000800	48,680
	12	IHLG040012	59,210	IHLG04001200	61,990
	16	IHLG040016	70,320	IHLG04001600	73,175
400A "CN" Frame MCCB	2	IHVG040002	36,160	IHVG04000200	38,835
	4	IHVG040004	42,535	IHVG04000400	44,260
	6	IHVG040006	49,405	IHVG04000600	52,090
	8	IHVG040008	52,235	IHVG04000800	54,925
	12	IHVG040012	64,085	IHVG04001200	67,060
	16	IHVG040016	73,195	IHVG04001600	75,905



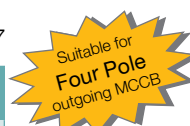
* The outgoings number of ways is the number of "G" Frame TP MCCBs that can be mounted. In case of SP MCCBs the number of MCCBs shall be three times the number of ways in TP MCCBs.

** 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

HSN Code: 8537

Incomer**	Outgoing* (No. of Ways)	Single Door Cat. No.	LP ₹	Double Door Cat. No.	LP ₹
250A "AA" Frame MCCB	2	IHVGF25002	31,185	IHVGF2500200	33,820
	4	IHVGF25004	38,790	IHVGF2500400	41,445
	6	IHVGF25006	45,675	IHVGF2500600	48,300
	8	IHVGF25008	49,295	IHVGF2500800	51,950
	12	IHVGF25012	71,515	IHVGF2501200	74,160
400A "LS" Frame MCCB	2	IHLGF40002	36,435	IHLGF4000200	39,515
	4	IHLGF40004	43,075	IHLGF4000400	46,020
	6	IHLGF40006	47,175	IHLGF4000600	49,885
	8	IHLGF40008	50,225	IHLGF4000800	52,935
	12	IHLGF40012	76,005	IHLGF4001200	78,815
400A "CN" Frame MCCB	2	IHVGF40002	39,830	IHVGF4000200	42,525
	4	IHVGF40004	47,225	IHVGF4000400	49,935
	6	IHVGF40006	54,185	IHVGF4000600	56,880
	8	IHVGF40008	57,610	IHVGF4000800	60,305
	12	IHVGF40012	80,435	IHVGF4001200	83,145



* 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.
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' & 'C' Frame MCCB

HSN Code: 8537

Sl. No.	Description*	Single Door Cat. No.	LP ₹	Double Door Cat. No.	LP ₹
1	Cable Alley I/C 250A,O/G 3P GF 2/4Way	ISSBOU0674	11,345	ISSBOU0690	12,165
2	Cable Alley I/C 250A,O/G 3P GF 6WAY & 4P 2/4Way	ISSBOU0675	15,235	ISSBOU0691	16,060
3	Cable Alley I/C 250A,O/G 3P GF 8WAY & 4P 6Way	ISSBOU0676	15,440	ISSBOU0692	16,840
4	Cable Alley I/C 250A,O/G 3P GF 12Way	ISSBOU0677	17,520	ISSBOU0693	18,005
5	Cable Alley I/C 250A,O/G 4P GF 8Way	ISSBOU0678	17,520	ISSBOU0694	18,005
6	Cable Alley I/C 250A,O/G 3P GF 16Way & 4P 12Way	ISSBOU0679	20,635	ISSBOU0696	21,415
7	Cable Alley I/C 400A,O/G 3P GF 2/4Way	ISSBOU0680	13,435	ISSBOU0697	13,920
8	Cable Alley I/C 400A,O/G 3P GF 6WAY & 4P 2/4Way	ISSBOU0681	13,435	ISSBOU0698	13,920
9	Cable Alley I/C 400A/630A/800A, O/G 3P GF 8Way, 4P 6Way & A/F 6Way	ISSBOU0682	18,060	ISSBOU0699	18,935
10	Cable Alley I/C 400A,O/G 3P GF 12Way	ISSBOU0683	20,835	ISSBOU0700	21,415
11	Cable Alley I/C 400A/630A/800A, O/G 4P 8Way & A/F 8Way	ISSBOU0684	21,900	ISSBOU0701	22,390
12	Cable Alley I/C 400A/630A/800A, O/G 4P 12Way & A/F 12Way	ISSBOU0685	22,875	ISSBOU0702	23,365

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

Double door



'A' Frame Panel Boards, O/G TP MCCBs

HSN Code: 8537

Incomer**	Outgoing* (No. of Ways)	Single Door Cat. No.	LP ₹	Double Door Cat. No.	LP ₹
400A	6	IHLA040006	58,095	IHLA04000600	60,210
"LS" Frame	8	IHLA040008	62,060	IHLA04000800	64,230
MCCB	12	IHLA040012	79,930	IHLA04001200	82,005
400A	6	IHVA040006	73,770	IHVA04000600	76,460
"CN/CH" Frame	8	IHVA040008	76,845	IHVA04000800	79,535
MCCB	12	IHVA040012	1,03,550	IHVA04001200	1,06,240
630A	6	IHVA063006	78,280	IHVA06300600	80,920
"CN/CH" Frame MCCB	8	IHVA063008	81,090	IHVA06300800	83,730
	12	IHVA063012	1,06,915	IHVA06301200	1,09,555
800A	6	IHVA080006	78,695	IHVA08000600	81,335
"CN/CH" Frame	8	IHVA080008	81,745	IHVA08000800	84,380
MCCB	12	IHVA080012	1,07,770	IHVA08001200	1,10,405

* The outgoings 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.

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

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

HSN Code: 8537

S. No.	Description	Single Door Cat. No.	LP ₹	Double Door Cat. No.	LP ₹
1	Prewire Meter Module - Analog	ISSBOU0689	13,135	ISSBOU0706	13,630
2	Meter Module - Digital	ISSBOU0711	16,160	ISSBOU0707	17,035

Bare Meter Module / MCB Module / Add on Module

HSN Code: 8536

S. No.	Description	Single Door Cat. No.	LP ₹	Double Door Cat. No.	LP ₹
1	Meter Module - Analog Provision for Ammeter, Voltmeter - Analog with selector switch	ISSBOU0686	5,060	ISSBOU0703	5,840
2	MCB Module	ISSBOU0687	5,060	ISSBOU0704	5,840
3	Add on Module	ISSBOU0688	5,060	ISSBOU0705	5,840

* 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

HSN Code: 8537

S. No.	Description	Cat. No.	LP ₹
1	250A Incoming change Over switch-F1	ISSBOU0708	9,480
2	400A & 630A Incoming change Over switch - F2	ISSBOU0709	13,925
3	800A Incoming change Over switch - F3	ISSBOU0710	16,295

* Ammeter, Voltmeter, Selector Switch, Control Fuses, Indicating Lights, MCBs etc. have to be ordered separately and are at extra cost.



Industrial Switchgear

Euroload Changeover Switch (4 Pole)

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

HAVELLS

List Prices (LP) are in Indian ₹
as per Regular Terms & Conditions



On-Load Changeover Switch I-O-II

HSN Code: 8536

Frame Size	Current Rating (Amps)	Open Execution Cat. Code	LP ₹	SS Enclosure Cat. Code	LP ₹
00	040	IHCNFO0040	3,735	IHCNFE0040	5,235
00	063	IHCNFO0063	3,925	IHCNFE0063	5,375
00	080	IHCNFO0080	5,045	IHCNFE0080	6,545
00	100	IHCNFO0100	5,190	IHCNFE0100	6,900

Euroload Four Pole Changeover with Advance Neutral

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

On-Load Changeover Switch I-O-II

HSN Code: 8536

Frame Size	Current Rating (Amps)	Open Execution Cat. Code	LP ₹	SS Enclosure Cat. Code	LP ₹
0	125	IHCNFO0125	7,790	IHCNFE0125	10,395
0	160	IHCNFO0160	8,505	IHCNFE0160	11,120
0	200	IHCNFO0200	10,205	IHCNFE0200	12,815
1	250	IHCNFO0250	14,900	IHCNFE0250	18,230
1	320	IHCNFO0320	15,740	IHCNFE0320	19,070
2	400	IHCNFO0400	22,970	IHCNFE0400	27,795
2	630	IHCNFO0630	27,030	IHCNFE0630	31,855
3	800	IHCNFO0800	40,460	IHCNFE0800	47,635
4	1000	IHCNFO1000	68,915	IHCNFE1000	88,500
4	1250	IHCNFO1250	92,380	IHCNFE1250	111,965
4	1600	IHCNFO1600	110,025	IHCNFE1600	150,350
5	2000	IHCNFO2000	168,820	IHCNFE2000	201,805
5	2500	IHCNFO2500	217,635	IHCNFE2500	250,620
5	3150	IHCNFO3150	306,540	IHCNFE3150	339,525

Note :

- # Prices on request
- * 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 Four Pole By Pass Switch

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

HSN Code: 8536

Frame Size	Current Rating (Amps)	Open Execution Cat. Code	LP ₹
00	063	IHCBFO0063	7,430
00	100	IHCBFO0100	8,635



Euroload Four Pole By Pass Switch

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

HSN Code: 8536

Frame Size	Current Rating (Amps)	Open Execution Cat. Code	LP ₹
0	125	IHCBFO0125	11,055
0	160	IHCBFO0160	13,425
0	200	IHCBFO0200	14,320
1	250	IHCBFO0250	19,680
1	320	IHCBFO0320	21,065
2	400	IHCBFO0400	28,925
2	630	IHCBFO0630	37,220
3	800	IHCBFO0800	54,165
3	1000	IHCBFO1000	82,990

Accessories:

HSN Code: 8536

Aux. Contact	Cat. No.	LP ₹
1 NO. 1 NC.	IHCNFACT1CO	280
2 NO. 2 NC.	IHCNFACT2CO	375



Three / Four Pole, AC-31A, 50 Hz, 415V
Automatic/Manual with complete protection HSN Code: 8537

Rating AMP.	Cat. No. 3P	LP ₹ Three Pole	Cat. No. 4P	LP ₹ Four Pole
Open Execution				
100	IHYTCDO100	31,375	IHYFCDO100	35,005
125	IHYTCDO125	35,505	IHYFCDO125	39,615
160	IHYTCDO160	42,180	IHYFCDO160	45,795
200	IHYTCDO200	57,435	IHYFCDO200	61,375
250	IHYTCDO250	63,180	IHYFCDO250	67,510
315	IHYTCDO315	68,755	IHYFCDO315	72,645
400	IHYTCDO400	80,295	IHYFCDO400	83,975
500	IHYTCDO500	94,435	IHYFCDO500	98,760
630	IHYTCDO630	104,935	IHYFCDO630	108,855
With Enclosure				
100	IHYTCDE100	35,685	IHYFCDE100	39,315
125	IHYTCDE125	39,815	IHYFCDE125	43,925
160	IHYTCDE160	46,495	IHYFCDE160	50,105
200	IHYTCDE200	61,745	IHYFCDE200	65,685
250	IHYTCDE250	67,490	IHYFCDE250	71,820
315	IHYTCDE315	73,065	IHYFCDE315	76,960
400	IHYTCDE400	88,485	IHYFCDE400	92,165
500	IHYTCDE500	102,625	IHYFCDE500	106,950
630	IHYTCDE630	113,125	IHYFCDE630	117,045

Automatic Transfer Switch without Controller
HSN Code: 8537

Rating AMP.	Cat. No.	LP ₹ Four Pole
Open Execution		
100	IHYFNAO100	21,470
125	IHYFNAO125	22,890
160	IHYFNAO160	31,865
200	IHYFNAO200	45,265
250	IHYFNAO250	52,680
315	IHYFNAO315	56,685
400	IHYFNAO400	70,980
500	IHYFNAO500	84,895
630	IHYFNAO630	93,575



Industrial Switchgear

Euroload Switch Disconnecter

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

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as per Regular Terms & Conditions

Three Pole, 415V

HSN Code: 8536

Frame Size	Current Rating (Amps)	Open Execution Cat. Code	LP ₹	SS Enclosure Cat. Code	LP ₹
0	80	IHCSTO0080	1,405	IHCSTE0080	2,185
0	100	IHCSTO0100	2,290	IHCSTE0100	3,250
0	125	IHCSTO0125	3,040	IHCSTE0125	3,955
0	160	IHCSTO0160	3,625	IHCSTE0160	4,545
0	200	IHCSTO0200	4,115	IHCSTE0200	5,100
1	250	IHCSTO0250	5,140	IHCSTE0250	6,555
1	320	IHCSTO0320	5,650	IHCSTE0320	7,180
1	400	IHCSTO0400	8,125	IHCSTE0400	9,795



Euroload Switch Disconnecter

Four Pole, 415V

HSN Code: 8536

Frame Size	Current Rating (Amps)	Open Execution Cat. Code	LP ₹	SS Enclosure Cat. Code	LP ₹
00	40	IHCSFO0040	1,050	IHCSFE0040	1,690
00	63	IHCSFO0063	1,245	IHCSFE0063	1,885
00	80	IHCSFO0080	1,845	IHCSFE0080	2,500
00	100	IHCSFO0100	2,975	IHCSFE0100	3,640
0	125	IHCSFO0125	3,175	IHCSFE0125	4,015
0	160	IHCSFO0160	3,800	IHCSFE0160	4,640
0	200	IHCSFO0200	4,580	IHCSFE0200	5,535
1	250	IHCSFO0250	5,750	IHCSFE0250	7,450
1	320	IHCSFO0320	6,300	IHCSFE0320	7,910
2	400	IHCSFO0400	8,740	IHCSFE0400	10,925
2	630	IHCSFO0630	10,010	IHCSFE0630	12,335
3	800	IHCSFO0800	13,900	IHCSFE0800	17,600
4	1000	IHCSFO1000	22,570	IHCSFE1000	28,500
4	1250	IHCSFO1250	31,585	IHCSFE1250	38,465
4	1600	IHCSFO1600	44,480	IHCSFE1600	51,725
5	2000	IHCSFO2000	53,460	IHCSFE2000	68,105
5	2500	IHCSFO2500	69,370	IHCSFE2500	89,140
5	3150	IHCSFO3150	97,865	IHCSFE3150	1,15,175



Switch Disconnector Fuse Unit - (Panel Mounting Cubicle Type)

Double Pole - AC-23A, 50Hz, 415V

HSN Code: 8537

Rating Amp.	Cat. No.	LP ₹	Cat. No.	LP ₹	HBC Fuse Type
	Open Execution with Fuses		In Sheet Steel Encl. with Fuses		
32	IHKDDF4032	1,370	IHKDDW4032	1,935	IHHTIA0032
32	IHKFDF4032	1,715	IHKFDW4032	2,245	IHHCD00032
63	IHKDDF4063	2,005	IHKDDW4063	2,595	IHHTSS0063
63	IHKFDF4063	2,235	IHKFDW4063	2,790	IHHCD00063
100	IHKDDF4100	4,065	IHKDDW4100	4,660	IHHTSD0100
100	IHKFDF4100	4,390	IHKFDW4100	5,010	IHHCD00100
125	IHKDDF4125	4,115	IHKDDW4125	4,690	IHHTSD0125
125	IHKFDF4125	4,500	IHKFDW4125	5,080	IHHCD00125



Komcompact *plus* Switch Disconnector Fuse Unit

Switch Disconnector Fuse (Panel Mounting Cubicle Type)

Three Pole & Neutral - AC-23A, 50Hz, 415V

HSN Code: 8537

Rating Amp.	Cat. No.	LP ₹	Cat. No.	LP ₹	HBC Fuse Type
	Open Execution with 3 Fuses		In Sheet Steel Encl. with 3 Fuses		
32	IHKDTF4032	1,520	IHKDTW4032	2,855	IHHTIA0032
32	IHKFTF4032	1,900	IHKFTW4032	3,235	IHHCD00032
63	IHKDTF4063	2,160	IHKDTW4063	3,490	IHHTSS0063
63	IHKFTF4063	2,550	IHKFTW4063	3,885	IHHCD00063
100	IHKDTF4100	4,685	IHKDTW4100	6,015	IHHTSD0100
100	IHKFTF4100	4,935	IHKFTW4100	6,265	IHHCD00100
125	IHKDTF4125	5,045	IHKDTW4125	6,375	IHHTSD0125
125	IHKFTF4125	5,270	IHKFTW4125	6,605	IHHCD00125



Komcompact-EZO Switch Disconnector Fuse Unit

Switch Disconnector Fuse (Panel Mounting Cubicle Type)

Three Pole & Neutral - AC-23A, 50Hz, 415V

HSN Code: 8537

Rating Amp.	Cat. No.	LP ₹	Cat. No.	LP ₹	HBC Fuse Type
	Open Execution with 3 Fuses		In Sheet Steel Encl. with 3 Fuses		
160	IHFSTF4160	6,140	IHFSTW4160	8,490	IHHTSF0160
160	IHFKTF4160	6,570	IHFKTW4160	8,920	IHHCD01160
200	IHFSTF4200	7,175	IHFSTW4200	9,525	IHHTSF0200
200	IHFKTF4200	7,475	IHFKTW4200	9,830	IHHCD01200
250	IHFSTF4250	8,730	IHFSTW4250	11,080	IHHTSF0250
250	IHFKTF4250	9,235	IHFKTW4250	11,590	IHHCD01250
320	IHFSTF4320	11,675	IHFSTW4320	14,420	IHHTSK0315
320	IHFKTF4320	12,440	IHFKTW4320	15,180	IHHCD02315
400	IHFSTF4400	14,030	IHFSTW4400	16,775	IHHTSMF400
400	IHFKTF4400	13,845	IHFKTW4400	16,590	IHHCD02400
630	IHFSTF4630	24,905	IHFSTW4630	28,430	IHHTLM0630
630	IHFKTF4630	22,730	IHFKTW4630	26,255	IHHCD03630
800	IHFSTF4800	28,920	IHFSTW4800	32,445	IHHTLM0800
800	IHFKTF4800	26,115	IHFKTW4800	29,645	



* All switch disconnector fuse units if required without fuse link will be made available on request.

* IHFSTO/W 4800 and IHFKTO/W 4800 available without Fuse Link.

* IHFKTF4800 & IHFKTW4800 available without Fuse Link

Industrial Switchgear

Komcompact^{plus} Switch Disconnecter Fuse Unit Conforms to IS:13947 (Part I & III)

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List Prices (LP) are in Indian ₹
as per Regular Terms & Conditions

Four Pole - AC-23A, 50Hz, 415V

HSN Code: 8537

Rating Amp.	Cat. No.	LP ₹	Cat. No.	LP ₹	HBC Fuse Type
	Open Execution with 4 Fuses		In Sheet Steel Encl. with 4 Fuses		
32	IHKDFF4032	2,020	IHKDFW4032	3,355	IHHTIA0032
32	IHKFFF4032	2,585	IHKFFW4032	3,915	IHHCD00032
63	IHKDFF4063	2,620	IHKDFW4063	3,950	IHHTSS0063
63	IHKFFF4063	3,035	IHKFFW4063	4,365	IHHCD00063
100	IHKDFF4100	5,430	IHKDFW4100	6,760	IHHTSD0100
100	IHKFFF4100	5,795	IHKFFW4100	7,130	IHHCD00100
125	IHKDFF4125	5,520	IHKDFW4125	6,855	IHHTSD0125
125	IHKFFF4125	5,900	IHKFFW4125	7,230	IHHCD00125



Komcompact-EZO Switch Disconnecter Fuse Unit

Four Pole - AC-23A, 50Hz, 415V

HSN Code: 8537

Rating Amp.	Cat. No.	LP ₹	Cat. No.	LP ₹	HBC Fuse Type
	Open Execution with 4 Fuses		In Sheet Steel Encl. with 4 Fuses		
160	IHFSFF4160	7,895	IHFSFW4160	10,245	IHHTSF0160
160	IHFKFF4160	8,400	IHFKFW4160	10,755	IHHCD01160
200	IHFSFF4200	8,275	IHFSFW4200	10,630	IHHTSF0200
200	IHFKFF4200	9,100	IHFKFW4200	11,450	IHHCD01200
250	IHFSFF4250	9,770	IHFSFW4250	12,120	IHHTSF0250
250	IHFKFF4250	9,960	IHFKFW4250	12,310	IHHCD01250
320	IHFSFF4320	12,500	IHFSFW4320	15,635	IHHTSK0315
320	IHFKFF4320	12,870	IHFKFW4320	16,005	IHHCD02315
400	IHFSFF4400	14,530	IHFSFW4400	17,665	IHHTSMF400
400	IHFKFF4400	14,105	IHFKFW4400	17,240	IHHCD02400
630	IHFSFF4630	26,770	IHFSFW4630	30,300	IHHTLM0630
630	IHFKFF4630	24,500	IHFKFW4630	28,030	IHHCD03630
800	IHFSFF4800	30,965	IHFSFW4800	34,490	IHHTLM0800
800	IHFKFF4800	28,480	IHFKFW4800	32,005	



Note:-

* All switch disconnecter fuse units if required without fuse link will be made available on request.

* IHFSFO/W 4800 and IHFKFO/W 4800 available without Fuse Link.

* IHFKFF4800 & IHFKFW4800 available without Fuse Link



Optima Series

Current Rating (A)	No. of	Cat. No.	MRP
		Wall Mounted	
63	4 WAY	IHBC006304	5,700
	6 WAY	IHBC006306	6,655
	8 WAY	IHBC006308	7,665
100	4 WAY	IHBC010004	6,855
	6 WAY	IHBC010006	9,480
	8 WAY	IHBC010008	9,965
200	4 WAY	IHBC020004	8,570
	6 WAY	IHBC020006	11,090
	8 WAY	IHBC020008	12,105
250	4 WAY	IHBC025004	14,180
	6 WAY	IHBC025006	22,320
	8 WAY	IHBC025008	27,915
315	4 WAY	IHBC031504	14,820
	6 WAY	IHBC031506	22,960
	8 WAY	IHBC031508	29,345
400	4 WAY	IHBC040004	16,010
	6 WAY	IHBC040006	24,150
	8 WAY	IHBC040008	30,370
630	4 WAY	IHBC063004	24,520
	6 WAY	IHBC063006	32,525
	8 WAY	IHBC063008	39,125
800	4 WAY	IHBC080004	26,075
	6 WAY	IHBC080006	34,760
	8 WAY	IHBC080008	44,005

For higher Ratings please contact nearest branch office.

Bolted Type

HSN Code: 8536

IS Size	Tag Type	BS Type	Rated Voltage (Volts) AC	Breaking Capacity (kA)	Rating (Amps)	Cat No.	LP ₹	STD Packing
F-1	Offset	NS	415	80	2	IHHNS00002	44	20
					4	IHHNS00004		
					6	IHHNS00006		
					10	IHHNS00010		
					16	IHHNS00016	48	20
					20	IHHNS00020		
					25	IHHNS00025		
					32	IHHNS00032		
A-2	Offset	TIA	415	80	6	IHHTIA0006	61	10
					10	IHHTIA0010		
					16	IHHTIA0016		
					20	IHHTIA0020		
					25	IHHTIA0025		
					32	IHHTIA0032		
A-3	Offset	TSS	415	80	36	IHHTSS0036	73	10
					50	IHHTSS0050		
					63	IHHTSS0063		
A-4	Offset	TSD	415	80	80	IHHTSD0080	160	10
					100	IHHTSD0100		
					125	IHHTSD0125		
B-1	Central	TSDC	415	80	80	IHHTSDC080	165	10
					100	IHHTSDC100		
					125	IHHTSDC125		
B-2	Central	TSF	415	80	125	IHHTSF0125	240	10
					160	IHHTSF0160		
					200	IHHTSF0200		
					250	IHHTSF0250	265	10
B-3	Central	TSK	415	80	225	IHHTSK0225	345	3
					250	IHHTSK0250		
					300	IHHTSK0300		
					315	IHHTSK0315		
B - 4	Central	TSMF	415	80	400	IHHTSMF400	660	3
C - 1	Central	TSMS	415	80	400	IHHTSMS400	660	3
C - 2	Central	TTS	415	80	400	IHHTTS0400	750	1
					500	IHHTTS0500		
C - 2	Central	TTM	415	80	400	IHHTTM0400	1,015	1
					500	IHHTTM0500		
C - 2	Central	TLM	415	80	630	IHHTLM0630	1,330	1
C - 2	Central	TLM	415	80	800	IHHTLM0800	1,480	1



DIN Type

HSN Code: 8536

IS Size	Rated Voltage (Volts) AC	Breaking Capacity (kA)	Rating (Amps)	Cat No.	LP ₹	STD Packing
000	415	80	6	IHHCD11006	185	3
			10	IHHCD11010		
			16	IHHCD11016		
			20	IHHCD11020		
			25	IHHCD11025		
			32	IHHCD11032		
			40	IHHCD11040	190	3
			50	IHHCD11050		
			63	IHHCD11063		
			80	IHHCD11080		
			100	IHHCD11100		
00	415	80	6	IHHCD00006	195	3
			10	IHHCD00010		
			16	IHHCD00016		
			20	IHHCD00020		
			25	IHHCD00025		
			32	IHHCD00032		
			50	IHHCD00050	205	3
			63	IHHCD00063		
			80	IHHCD00080	220	3
			100	IHHCD00100	250	3
			125	IHHCD00125		
			160	IHHCD00160	270	3
01	415	80	32	IHHCD01032	395	3
			63	IHHCD01063		
			80	IHHCD01080		
			100	IHHCD01100		
			125	IHHCD01125		
			160	IHHCD01160	405	3
			200	IHHCD01200		
			250	IHHCD01250	465	3
02	415	80	200	IHHCD02200	610	1
			250	IHHCD02250		
			315	IHHCD02315		
			350	IHHCD02350	655	1
			400	IHHCD02400		
			425	IHHCD03425	925	1
03	415	80	500	IHHCD03500	945	1
			630	IHHCD03630		



Industrial Switchgear

HiBreak Fuse Holders & Fuse Base

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

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as per Regular Terms & Conditions

RH Type

HSN Code: 8536

Rated Voltage (Volts) AC	Breaking Capacity (kA)	Rating (Amps)	Cat No.	LP ₹	STD Packing
415	80	2	IHHRH00002	80	20
		4	IHHRH00004		
		6	IHHRH00006		
		10	IHHRH00010		
		16	IHHRH00016	80	20
		20	IHHRH00020		
		25	IHHRH00025		
		32	IHHRH00032		
		40	IHHRH00040	90	20
		50	IHHRH00050	165	20
		63	IHHRH00063	170	20



DIN Fuse Bases (Fixed Type)

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

HSN Code: 8536

Rated Amp.	Cat. No.	Type	Fuse Type	LP ₹	STD Packing
100A	IHUC000100	Open Type Fuse Base	CD-00	240	6
125A	IHUC000125	Open Type Fuse Base	CD-00	250	6
160A	IHUC000160	Open Type Fuse Base	CD-00	270	6



i Base - DIN Fuse Bases (Fixed Type)

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

HSN Code: 8536

Rated Amp.	Cat. No.	Type	Fuse Type	LP ₹	STD Packing
250A	IHIC010250	Open Type Fuse Base	CD-1	475	3
400A	IHIC020400	Open Type Fuse Base	CD-2	735	3
630A	IHIC030630	Open Type Fuse Base	CD-3	945	3





Motor Controlgear



Control Relay with AC Coil

HSN Code: 8536

Frame size	I _{th}	Contact arrangement		Type	Cat. No	LP ₹
		NO	NC			
1	10A	2	2	CRN1-22*	IHACR22*	840
		3	1	CRN1-31*	IHACR31*	840
		4	0	CRN1-40*	IHACR40*	840

*To complete the Cat no. suffix the coil voltage from the coil voltage table (Table-1)



Contactor 3-Pole with AC Coil (9A to 95A)

HSN Code: 8536

Frame Size	AC-3 Duty Rating at 415V, 50 Hz			AC-1 Duty Rating at 415V, 50 Hz	Power Poles	Auxiliary Contact Arrangement		Type	Cat. No	LP ₹
	I _e Amp.	kW	HP			NO	NC			
1	9	4	5.0	25	3	1	0	CN1 09 T10*	IHPAA009110*	665
	9	4	5.0	25	3	0	1	CN1 09 T01*	IHPAA009101*	665
	12	5.5	7.5	25	3	1	0	CN1 12 T10*	IHPAA012110*	760
	12	5.5	7.5	25	3	0	1	CN1 12 T01*	IHPAA012101*	760
2	18	9	12.5	32	3	1	0	CN2 18 T10*	IHPAA018210*	875
	18	9	12.5	32	3	0	1	CN2 18 T01*	IHPAA018201*	875
3	25	11	15	40	3	1	0	CN3 25 T10*	IHPAA025310*	1,110
	25	11	15	40	3	0	1	CN3 25 T01*	IHPAA025301*	1,110
4	32	15	20	50	3	1	0	CN4 32 T10*	IHPAA032410*	2,380
	32	15	20	50	3	0	1	CN4 32 T01*	IHPAA032401*	2,380
5	40	22	30	60	3	1	1	CN5 40 T11*	IHPAA040511*	3,515
	50	25	35	80	3	1	1	CN5 50 T11*	IHPAA050511*	4,420
	65	37	50	80	3	1	1	CN5 65 T11*	IHPAA065511*	5,680
6	80	45	60	125	3	1	1	CN6 80 T11*	IHPAA080611*	7,180
	95	45	60	125	3	1	1	CN6 95 T11*	IHPAA095611*	8,745

*To complete the Cat no. suffix the coil voltage from the coil voltage table (Table-1)

Note: 1. For additional aux. contacts front/side mounted and mechanical interlock - refer accessories table.
2. Non standard coil voltages are supplied on request.



AC Coil : Table-1

Code*	A	C	E	G	H	J	K	N	W
AC Voltage	24V	48V	110V	220V	240V	380V	415V	550V	260V-415V



Contactor 3-Pole with AC coil (115A to 630A)

HSN Code: 8536



Frame Size	AC-3 Duty Rating at 415V, 50 Hz			AC-1 Duty Rating at 415V, 50 Hz	Power Poles	Type	Cat. No	LP ₹
	I _e Amp.	kW	HP	I _{th} Amp.				
1	115	59	75	200	3	CH1 115 T*	IHPAA115100*	11,205
	150	80	100	250	3	CH1 150 T*	IHPAA150100*	14,940
2	185	100	125	275	3	CH2 185 T*	IHPAA185200*	18,600
	225	110	150	315	3	CH2 225 T*	IHPAA225200*	20,245
3	265	132	180	350	3	CH3 265 T*	IHPAA265300*	23,300
4	330	180	220	400	3	CH4 330 T*	IHPAA330400*	29,125
5	400	220	270	500	3	CH5 400 T*	IHPAA400500*	34,950
6	500	280	340	700	3	CH6 500 T*	IHPAA500600*	48,535
7	630	375	450	1000	3	CH7 630 T*	IHPAA630700*	71,685

Contactor 4-Pole with AC Coil (9A to 95A)

HSN Code: 8536



Frame Size	AC-1 Duty Rating at 415V, 50 Hz	Power Poles	Type	Cat. No	LP ₹
	I _{th} Amp.				
1	25	4	CN1 12 F*	IHPAC012100*	975
3	40	4	CN3 25 F*	IHPAC025300*	1,545
5	60	4	CN5 40 F*	IHPAC040500*	3,720
	80	4	CN5 65 F*	IHPAC065500*	5,350
6	125	4	CN6 95 F*	IHPAC095600*	8,100

Contactor 4-Pole with AC coil (115A to 630A)

HSN Code: 8536



Frame Size	AC-1 Duty Rating at 415V, 50 Hz	Power Poles	Type	Cat. No	LP ₹
	I _{th} Amp.				
1	200	4	CH1 115 F*	IHPAC115100*	15,425
	250	4	CH1 150 F*	IHPAC150100*	16,965
2	275	4	CH2 185 F*	IHPAC185200*	25,805
	315	4	CH2 225 F*	IHPAC225200*	27,555
3	350	4	CH3 265 F*	IHPAC265300*	29,395
4	400	4	CH4 330 F*	IHPAC330400*	35,715
5	500	4	CH5 400 F*	IHPAC400500*	44,220
6	700	4	CH6 500 F*	IHPAC500600*	60,925
7	1000	4	CH7 630 F*	IHPAC630700*	91,555

*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.
 - Non standard coil voltages are supplied on request.

AC Coil


Code*	A	C	E	G	H	J	K	N
AC Voltage	24V	48V	110V	220V	240V	380V	415V	550V

Add on Accessories: Auxiliary Contact Block

HSN Code: 8536



Description	Suitable for Mounting on Contactors	Contact Configuration		Type	Cat No.	LP ₹
		NO	NC			
Side Block	CN Frame size 1-6 9A-95A 3P/4P	1	1	CAS11	ISPNASM611	345
		2	0	CAS20	ISPNASM620	345
Front Block	CN/CD Frame size 1-6 9A-95A, 3P/4P & CH Frame Size 1-7 115A-630A, 3P / 4P	1	1	CAF11	ISPNAFM711	225
		2	2	CAF22	ISPNAFM722	345
		3	1	CAF31	ISPNAFM731	345
		4	0	CAF40	ISPNAFM740	345

Add on Accessories: Pneumatic Timer Block

HSN Code: 8536



ON Delay	Suitable for Mounting on Contactors	Type	Cat No.	LP ₹
0.1 -3s	CN/CD/CH 9A-630A	CPT1A	IHNN4000	1,225
0.1-30s		CPT1B	IHNN5000	1,225
10-180s		CPT1C	IHNN6000	1,225

Add on Accessories: Pneumatic Timer Block

HSN Code: 8536



OFF Delay	Suitable for Mounting on Contactors	Type	Cat No.	LP ₹
0.1 -3s	CN/CD/CH 9A-630A	CPT2A	IHNF4000	1,225
0.1-30s		CPT2B	IHNF5000	1,225
10-180s		CPT2C	IHNF6000	1,225

Capacitor Duty Contactor 3-Pole with AC Coil

HSN Code: 8536



KVAR Rating at 50/60Hz 0 ≤ 55°C	Inst. Aux. Contact		Type	Cat. No.	LP ₹
	NO	NC			
415/440V					
12	1	0	CC2 1210*	IHPAE012210*	1,950
18	1	0	CC3 1810*	IHPAE018310*	2,750
20	1	0	CC4 2010*	IHPAE020410*	3,040
30	1	1	CC5 3011*	IHPAE030511*	5,480
50	1	1	CC6 5011*	IHPAE050611*	9,985

* To Complete Cat. No. Suffix Voltage Code From Coil Voltage Table

Note : For additional aux. contacts (side mounted type) can be mounted if required. Refer accessories table.



AC Coils

Code*	A	C	E	G	H	J	K	N
AC Voltage	24V	48V	110V	220V	240V	380V	415V	550V

Thermal Over Load Relay (Auto/ Manual Reset)

HSN Code: 8536

Relay Frame size	Relay Range (A)	Suitable for Contactor Frame size	Type	Cat. No.	LP ₹	Individual Mounting Block
1	0.1-0.16	CN1 to CN4	RT21A	IHNR 11AA	865	 Type RTA2-25 Cat No. ISSTRX024025 Unit LP ₹ 180
	0.16-0.25		RT21B	IHNR 11AB	865	
	0.25-0.4		RT21C	IHNR 11AC	865	
	0.4-0.63		RT21D	IHNR 11AD	865	
	0.63 -1		RT21E	IHNR 11AE	865	
	1-1.6		RT21F	IHNR 11AF	865	
	1.6-2.5		RT21G	IHNR 11AG	865	
	2.5-4		RT21H	IHNR 11AH	865	
	4-6		RT21J	IHNR 11AJ	865	
	5.5-8		RT21K	IHNR11AK	865	
	7-10		RT21L	IHNR 11AL	865	
	9-13		RT21M	IHNR 11AM	865	
	12-18		RT21N	IHNR 11AN	1,030	
	17-25		RT21P	IHNR 11AP	1,030	
2	23-32	CN4	RT22Q	IHNR22AQ	1,495	 Type RTA2-36 Cat No. ISSTRX024136 Unit LP ₹ 260
	28-36		RT22R	IHNR22AR	1,515	
3	23-32	CN5 to CN6	RT23T	IHNR33AT	1,680	 Type RTA2-93 Cat No. ISSTRX024293 Unit LP ₹ 1020
	30-40		RT23U	IHNR33AU	1,680	
	37-50		RT23V	IHNR33AV	2,045	
	48-65		RT23W	IHNR33AW	2,690	
	55-70		RT23X	IHNR33AX	2,690	
	63-80		RT23Y	IHNR33AY	2,860	
	80-93		RT23Z	IHNR33AZ	2,940	


Thermal Over Load Relay (Manual Reset)

HSN Code: 8536

Relay Frame size	Relay Range (A)	Suitable for Contactor Frame size	Type	Cat. No.	LP ₹	Individual Mounting Block
1	0.1- 0.16	CN 1 to CN 4	RT11A	IHNR11MA	820	 Type RTA1-25 Cat No. ISSTRX024325 Unit LP ₹ 160
	0.16-0.25		RT11B	IHNR11MB	820	
	0.25-0.4		RT11C	IHNR11MC	820	
	0.4-0.63		RT11D	IHNR11MD	820	
	0.63-1		RT11E	IHNR11ME	820	
	1-1.6		RT11F	IHNR11MF	820	
	1.6-2.5		RT11G	IHNR11MG	820	
	2.5-4		RT11H	IHNR11MH	820	
	4-6		RT11J	IHNR11MJ	820	
	5.5-8		RT11K	IHNR11MK	820	
	7-10		RT11L	IHNR11ML	820	
	10-13		RT11M	IHNR11MM	820	
	13-18		RT11N	IHNR11MN	950	
	18-25		RT11P	IHNR11MP	950	
2	23-32	CN 5 to CN 6	RT12Q	IHNR22MQ	1,410	 Type RTA1-80 Cat No. ISSTRX024480 Unit LP ₹ 300
	30-40		RT12R	IHNR22MR	1,410	
3	38-50	CN 5 to CN 6	RT13V	IHNR33MV	1,695	
	48-57		RT13W	IHNR33MW	2,300	
	57-66		RT13X	IHNR33MX	2,670	
	63-80		RT13Y	IHNR33MY	2,920	



Cosmic Star - Direct Online Starter

HSN Code: 8536

H.P.	kW	Contactor Rating	Overload Relay Range (Amp.)	Cat. No.	LP ₹
0.75	0.6	12	1-1.6	IHPDOLFA*A	1,930
1	0.7	12	1.6-2.5	IHPDOLGA*B	1,930
2	1.5	12	2.5-4	IHPDOLHA*C	1,930
3	2.2	12	4-6	IHPDOLJA*D	1,930
5	3.7	12	7-10	IHPDOLLA*E	2,195
7.5	5.6	18	10-13	IHPDOLMB*F	2,280
10	7.5	18	13-18	IHPDOLNB*G	2,280
15	11.2	32	18-25	IHPDOLPD*H	3,165
20	14.9	32	23-32	IHPDOLQD*J	5,975
25	18.7	40	30-40	IHPDOLVE*	7,690
30	22.4	50	38-50	IHPDOLWE*	8,825
40	29.8	65	57-66	IHPDOLYF*	10,115
50	37.3	80	63-80	IHPDOLZF*	12,870
60	44.8	95	80-93	IHPDOLDG*	13,330
75	56.0	115	90-150	IHPDOLDG*A	19,305
85	63.4	150	90-150	IHPDOLDG*B	21,880
100	74.6	150	132-220	IHPDOLEH*	23,985



Cosmic Star - Fully Automatic Star-Delta Starter (ASD)

HSN Code: 8536

H.P.	kW	Contactor Size	Overload Relay Range (Amp.)	Cat. No.	LP ₹
10	7.5	18	9.0-13	IHPASDMB*	6,685
12.5	9.3	18	12.0-18	IHPASDNB*	6,780
15	11.2	25	12.0-18	IHPASDNC*	7,060
20	14.9	25	17-25	IHPASDPD*	8,315
25	18.7	32	17-25	IHPASDQD*	9,040
30	22.4	32	23-32	IHPASDQD*A	10,090
35	26.1	32	28-36	IHPASDUE*	13,825
50	37.3	50	37-50	IHPASDWE*	24,510
60	44.8	50	48-65	IHPASDWF*	27,030
75	56.0	65	55-70	IHPASDYF*	32,555
90	67.1	80	63-80	IHPASDCG*	38,610
100	74.6	95	80-93	IHPASDDG*	47,915
125	93.3	115	90-150	IHPASDDG*A	66,165
150	111.9	150	90-150	IHPASDEH*	67,000



- Starters are supplied with standard coil voltage 415V AC
- For other voltages please specify coil code from the below table. (*suffiix code)
- Wide band coils are offered with 260V - 415V (W)

AC Coils

Code*	G	H	J	K	L	W
AC Voltage	220V	240V	380V	415V	200-400V	260-415V

Cosmic Star - Reversing Starter

HSN Code: 8536

H.P.	kW	Contactor Size	Overload Relay Range (Amp.)	Cat. No.	LP ₹
2	1.5	18	2.5-4	IHPREVHB*	6,690
3	2.2	18	4.0-6.0	IHPREVJB*	6,690
5	3.7	18	7.0-10	IHPREVLB*	6,690
7.5	5.6	18	10.0-13	IHPREVMB*	6,690
10	7.5	18	13-18	IHPREVNb*	7,980
15	11.2	32	18-25	IHPREVPD*	9,170
20	14.9	32	28-36	IHPREVRD*	10,495



AC Coils						
Code*	G	H	J	K	L	W
AC Voltage	220V	240V	380V	415V	200-400V	260-415V

Cosmic Star - Direct On Line Submersible Pump Starter

HSN Code: 8536

H.P.	kW	Contactor Size	Overload Relay Range (Amp.)	Cat. No.	LP ₹
1	0.75	18	1.6-2.5	IHSOAGB*A	6,210
2	1.5	18	2.5-4	IHSOAHB*A	6,210
3	2.2	18	5.5-8	IHSOAKB*A	6,210
5	3.7	18	9-13	IHSOAMB*A	6,210
7.5	5.5	18	12-18	IHSOANB*A	6,505
10	7.5	25	17-25	IHSOAPC*A	6,740
12.5	9.3	32	17-25	IHSOAPD*A	6,840
15	11	32	23-32	IHSOAQD*A	7,570



- Wide band coils are offered with 200-400V (L) and 260-415V (W). (Refer below coil voltage table)

Cosmic Star
Standard Automatic Star Delta Submersible Pump Starter

HSN Code: 8536

H.P.	kW	Contactor Size	Overload Relay Range (Amp.)	Cat. No.	LP ₹
5	3.7	18	5.5-8	IHSASAK2*E	12,205
7.5	5.5	18	7-10	IHSASAL2*E	12,205
10	7.5	18	9-13	IHSASAM2*E	12,430
12.5	9.3	18	12-18	IHSASAN2*E	12,740
15	11	25	17-25	IHSASAP3*E	12,945
17.5	13.1	32	17-25	IHSASAP4*E	13,280
20	15	32	17-25	IHSASAP4*A	13,765
22.5	16.8	32	23-32	IHSASAQ4*E	17,400
25	19	32	23-32	IHSASAQ4*A	17,400
27.5	20.5	40	30-40	IHSASAU5*E	21,950
30	22.4	50	30-40	IHSASAU5*A	22,505
35	26.1	50	37-50	IHSASAV5*E	22,810
40	29.8	65	37-50	IHSASAV5*A	25,430
45	33.6	80	48-65	IHSASAW6*E	32,145
50	37.5	95	55-70	IHSASA1F*T	41,815



- 200-400V coil voltage is available only upto 25HP
- Wide band coils are offered with 200-400V (L) and 260-415V (W). (Refer below coil voltage table)

AC Coils		
Code*	L	W
AC Voltage	200-400V	260-415V

Industrial Switchgear

Submersible Motor Starters

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List Prices (LP) are in Indian ₹
as per Regular Terms & Conditions

Cosmic Star

Deluxe Automatic Star Delta Submersible Pump Starter

HSN Code: 8536

H.P.	kW	Contactor Size	Overload Relay Range (Amp.)	Cat. No.	LP ₹
5	3.7	18	5.5-8	IHDASAK2*E	12,275
7.5	5.5	18	7-10	IHDASAL2*E	12,275
10	7.5	18	9-13	IHDASAM2*E	12,605
12.5	9.3	18	12-18	IHDASAN2*E	12,920
15	11	25	17-25	IHDASAP3*E	13,630
17.5	13.1	32	17-25	IHDASAP4*E	13,980
20	15	32	17-25	IHDASAP4*A	14,410
22.5	16.8	32	23-32	IHDASAQ4*E	15,480
25	19	32	23-32	IHDASAQ4*A	15,480
27.5	20.5	40	30-40	IHDASAU5*E	23,165
30	22.4	50	30-40	IHDASAU5*A	24,745
35	26.1	50	37-50	IHDASAV5*E	25,065
40	29.8	65	37-50	IHDASAV5*A	27,800
45	33.6	80	48-65	IHDASAW6*E	34,815
50	37.5	95	55-70	IHDASA1F*T	44,890



- 200-400V coil voltage is available only upto 25HP
- Wide band coils are offered with 200-400V (L) and 260-415V (W). (Refer below coil voltage table)

AC Coils		
Code*	L	W
AC Voltage	200-400V	260-415V

Street Light Panel

HSN Code: 8537

Phase	Frame Size	Max. Load (kW)	Timer	Contactor Rating (A)	MCB Rating	SAP Code	LP ₹
3	1	6	Digital 24 Hr.	32 / TP	40 / TPN	IHXTS03060	18,110
	1	6	Astronomical	32 / TP	40 / TPN	IHXTS0306A	18,110
	2	12	Digital 24 Hr.	65 / TP	63 / TPN	IHXTS09120	26,340
	2	12	Astronomical	65 / TP	63 / TPN	IHXTS0912A	26,340
1	1	6	Digital 24 Hr.	32 / TP	40 / SPN	IHXSS01060	13,580
	1	6	Astronomical	32 / TP	40 / SPN	IHXSS0106A	13,580
	1	12	Digital 24 Hr.	65 / TP	63 / SPN	IHXSS03120	20,410
	1	12	Astronomical	65 / TP	63 / SPN	IHXSS0312A	20,410





General Purpose

Switchgear



Industrial Switchgear

General Purpose Load Changeover Switch

Specification: IS/IEC 60947-1 & 3

HAVELLS

List Prices (LP) are in Indian ₹
as per Regular Terms & Conditions

Onload Changeover Switch - AC 23 (side handle)

in sheet enclosure, 415V AC, 50 Hz.

HSN Code: 8536

Rating Amp.	Cat. No.	LP ₹
	Double Pole	
32	IHCFDE0032	1,640
63	IHCFDE0063	3,170
	Triple Pole	
32	IHCFTE0032	2,440
63	IHCFTE0063	4,785
100	IHCFTE0100	9,060
	Four Pole	
16	IHCFFE0016	2,440
32	IHCFFE0032	2,930
63	IHCFFE0063	5,890
100	IHCFFE0100	11,775



Offload Changeover Switch- AC 21 (side handle)

in sheet enclosure, 415V AC, 50 Hz.

HSN Code: 8536

Rating Amp.	Cat. No.	LP ₹
	Four Pole	
200	IHCFFE0200	17,725
320	IHCFFE0320	21,755
400	IHCFFE0400	28,425
630	IHCFFE0630	44,440
800	IHCFFE0800	55,410
1000	IHCFFE1000	77,260
1250	IHCFFE1250	1,65,955
1500	IHCFFE1500	1,91,515
2000	IHCFFE2000	2,69,720

Kit-kat Rewireable (Porcelain Fuse carrier & Base)

Specification: IS: 2086

HSN Code: 8538

Amps/ Volt	Cat. No.	LP ₹	STD. Packing
16/240	IHKKRN2016	105	20
16/415	IHKKRN4016	180	24
32/240	IHKKRN2032	180	24
32/415	IHKKRN4032	225	12
63/415 *	IHKKRN4063	360	12
63/415 #	IHKKDN4063	400	6
100/415 *	IHKKRN4100	650	6
100/415 #	IHKKDN4100	750	1
200/415 *	IHKKRN4200	1,300	1
200/415 **	IHKKRT4200	1,495	1
320/415 *	IHKKRN4320	1,900	1
320/415**	IHKKRT4320	2,240	1

* - Std., # - Dlx, ** - With Extension strips



Single Pole & Neutral / Double Pole

HSN Code: 8537

Amp. / Volt AC	Cat. No.	LP ₹
	Single Pole & Neutral	
16/240	IHBRSE2016	550
32/240	IHBRSE2032	1,360
32/415	IHBRSE4032	1,920
63/415	IHBRSE4063	3,305
	Double Pole	
16/240	IHBRDE2016	580
32/240	IHBRDE2032	1,375
32/415	IHBRDE4032	2,160
63/415	IHBRDE4063	3,805



Triple Pole with Neutral Link, 415V AC, 50 Hz

HSN Code: 8537

Rating Amp.	Cat. No.	LP ₹	Cat. No.	LP ₹	Suitable Fuse Type
	With Rewireable Porcelain Fuse Units		With HBC cum rewireable Porcelain Fuse Units (W/O Fuse link)		
16	IHBRT4016	1,695	IHBHTE4016	1,695	IHHNS0016
32	IHBRT4032	2,190	IHBHTE4032	2,190	IHHTIA0032
63	IHBRT4063	4,420	IHBHTE4063	4,790	IHHTSS0063
100	IHBRT4100	8,240	IHBHTE4100	8,785	IHHTSD0100
200	IHBRT4200	13,580	—	—	—
320	IHBRT4320	16,795	—	—	—

Heavy Duty Double Break Fuse Switches - HBC Fuse type

Specification: IS/IEC-60947-1 & 3.

In sheet enclosure, 415V AC, 50 Hz.

HSN Code: 8537

Rating Amp.	Cat. No.	LP ₹	Cat. No.	LP ₹	Fuse Type
	Triple Pole & Neutral		Four Pole with Switched Neutral		
63	IHFNTW4063	6,980	IHFNFW4063	8,530	IHHTSS0063
100	IHFNTW4100	9,440	IHFNFW4100	11,925	IHHTSD0100
160	IHFNTW4160	14,255	IHFNFW4160	16,910	IHHTSD0160
200	IHFNTW4200	16,085	IHFNFW4200	17,790	IHHTSF0200
320	IHFNTW4320	18,120	IHFNFW4320	22,650	IHHTSK0315
400	IHFNTW4400	26,000	IHFNFW4400	35,305	IHHTSMF400
500	IHFNTW4500	36,740	—	—	IHHTTM0500
800*	IHFNTW4800	45,815	—	—	IHHTLM0630



The above prices are inclusive of 3 nos. HBC Fuse Links.

* Switch suitable for 800 Amp. but fitted with 630 Amp. Fuse.

All the Switches are surface mounting type, housed in sheet steel enclosure with side handle operation and have front access left opening doors interlocked to prevent opening when the switch is in ON position.



Titania
Air Circuit Breaker

Features that make a difference



Air Circuit Breaker - In 3 Frame Sizes from 630A to 4000A in
3 Pole / 4 Pole Execution with 50kA to 100kA breaking capacity

Features:

- Compact size & high breaking capacity
- First frame upto 2000A
- Common height, depth and panel door cutout
- Common field fittable Accessories for the entire range
- Accessories Plug in type, front accessible
- Modular construction for pole unit
- Easily replaceable arcing contacts
- Integration with communication facility

www.havells.com

E-mail: marketing@havells.com, www.havells.com
Consumer Care No.: 1800 103 1313 (All connections), 011-4155 0303 (Landline)



Notes:

[illegible]

Other Products

ACB



MCCBs



Digital MCCB



ATS



Euroload Changeover Switch



Submersible & Motor Starter



Switch Disconnecter Fuse



Street Light Panel



Contactor & Overload Relays



HRC Fuse



Fuse Switch & Switch Fuse



Load Changeover Switch



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