



**2025**  
**Product Pricelist**  
**Indonesia**



ACCESSIBLE



RELIABLE



AFFORDABLE

Founded in Spain in 1958, Himel is an award-winning manufacturer and supplier of electric products for Low Voltage Power Distribution, Final Distribution, Energy Management, Motor Control and Protection, Industrial Components, and Home Electric offers.

We operate in over 60+ countries and specialize in manufacturing value-engineered electrical products for residential, commercial, and industrial sectors, while maintaining the highest standards of quality and performance.



Low Voltage Power Distribution



Final Distribution



Energy Management



Motor Control & Protection

We are determined to build a world where electricity is safe and accessible to one and all.



Committed to minimizing carbon footprint through smart & green manufacturing

90.4% proportion of green materials in products

100% factories certified for zero carbon / carbon neutral

# Powering Infinity.



**60+**

COUNTRIES



**32K+**

SKUs



**130+**

DISTRIBUTORS



**7900+**

POS



**500+**

TRADE STORES



**48+**

E-STORES



**8000+**

RESELLERS



**Control Components**



**Industrial Solutions**



**Solar Offer**



**Home Electric**

We value opportunities for all and provide the best combination of affordable and reliable offers to meet the demand for access to safe electricity.



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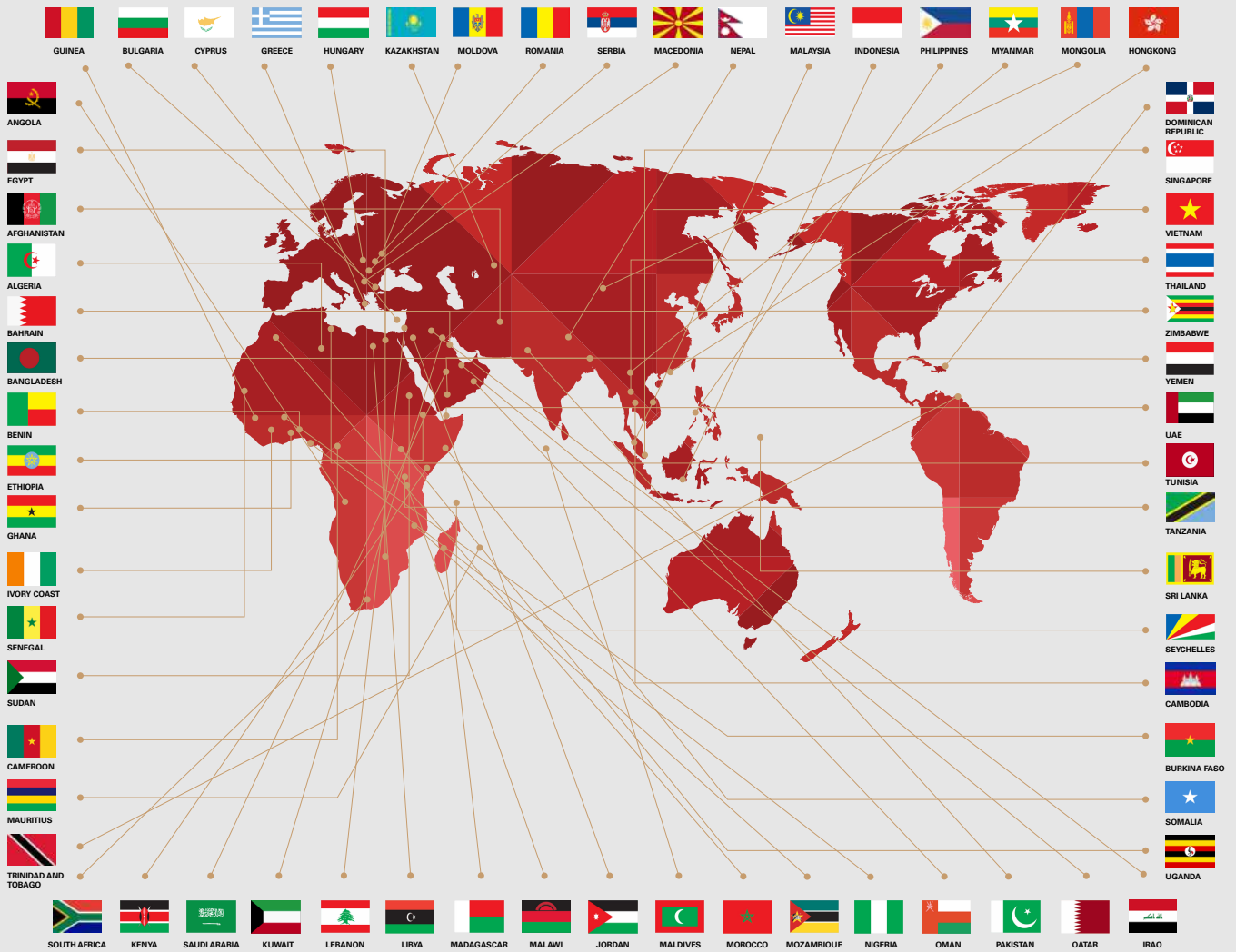
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**Multinational Presence.**  
**Committed to Quality.**

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HDB3 & HDB9 SERIES

Specification

- Curves : C
- Frequency : 50/60Hz
- Overload protection, short circuit protection and positive isolation

Picture	Breaking Capacity (kA)	Pole	Type	Rate Ampere (A)	Price (Rp)
	6kA	1	HDB3wHN1C	1, 2, 4	43.888
				6, 10, 16, 20,25, 32,40	39.888
				50, 63	43.888
		2	HDB3wHN2C	1, 2, 4	105.888
				6, 10, 16, 20,25, 32,40	
				50, 63	
		3	HDB3wHN3C	1, 2, 4	150.888
				6, 10, 16, 20,25, 32,40	141.888
				50, 63	150.888
	6kA	4	HDB3wN4C	2, 4	221.888
				6, 10, 16, 20,25, 32,40	
				50, 63	
	6kA	1	HDB3W125N1C	80, 100, 125	126.888
		2	HDB3W125N2C	80, 100, 125	250.888
		3	HDB3W125N3C	80, 100, 125	370.888
		4	HDB3W125N4C	80, 100, 125	495.888
	10kA	1	HDB9H63A1C	2, 4	90.888
				6, 10, 16, 20,25, 32,40	
				50, 63	
		2	HDB9H63A2C	2, 4	189.888
				6, 10, 16, 20,25, 32,40	
				50, 63	
		3	HDB9H63A3C	2, 4	263.888
				6, 10, 16, 20,25, 32,40	
				50, 63	



**HDB3 DC SERIES**

**Specification**

- Curves : C
- Rated operational voltage : DC 250V (1P) ; DC 500V (2P/3P)
- Overload protection, short circuit protection and positive isolation

Picture	Breaking Capacity (kA)	Pole	Commercial Reference	Description	Price (Rp)
	6 kA	1 Pole	HDB3WZ1C	1,2, 4	105.888
				6, 10, 16, 20,25, 32,40	
				50, 63	
		2 Pole	HDB3WZ2C	1,2, 4	208.888
				6, 10, 16, 20,25, 32,40	
				50, 63	
	3 Pole	HDB3WZ3C	1,2, 4	309.888	
			6, 10, 16, 20,25, 32,40		
			50, 63		

**ACCESSORIES FOR MCB**



MCB Model	Type	Description	Price (Rp)
HDB3 series	HDB3wOF	Auxiliary Contacts	76.588
	HDB3wSD	Alarm Contact	101.888
	HDB3wMO220	Shunt Release, 130-415VAC	229.888
	HDB3wMVMN	Over/Under Voltage Release, 240VAC	258.888
HDB9 series	HDB963OF	Auxiliary Contacts	105.888
	HDB963SD	Alarm Contact	117.888
	HDB963MX415	Shunt Release, 100-415VAC	341.888
	HDB9MVMNN	Over/Under Voltage Release, 230VAC	365.888



**HDB3VR SERIES**

**Specification**

- Curves : C
- Breaking capacity : 6kA
- Frequency : 50/60Hz
- Overload protection, short circuit protection and residual current operated

Picture	Pole	Sensitivity (mA)	Ampere Trip (A)	Type		Price (Rp)
				3-Series	6-Series	
	1P + N /2P	30	25	HDB3VR225SC	HDB6VR225SC	401.888
			40	HDB3VR240SC	HDB6VR240SC	401.888
			63	HDB3VR263SC	HDB6VR263SC	453.888
		300	25	HDB3VR225TC	HDB6VR225TC	401.888
			40	HDB3VR240TC	HDB6VR240TC	401.888
			63	HDB3VR263TC	HDB6VR263TC	453.888
	3P + N /4P	30	25	HDB3VR425SC	HDB6VR425SC	575.888
			40	HDB3VR440SC	HDB6VR440SC	590.888
			63	HDB3VR463SC	HDB6VR463SC	718.888
		300	25	HDB3VR425TC	HDB6VR425TC	575.888
			40	HDB3VR440TC	HDB6VR440TC	612.888
			63	HDB3VR463TC	HDB6VR463TC	718.888

**Residual Current Operated Circuit Breaker (RCBO)**



**HDB3wLEN SERIES**

**Specification**

- Curves : C
- Breaking capacity : 6kA
- Frequency : 50/60Hz
- Overload protection, short circuit protection and residual current operated



Picture	Pole	Sensitivity (mA)	Ampere Trip (A)	Type		Price (Rp)
				Old	New	
	1P + N /2P	30	6, 10, 16, 20, 25, 32, 40	HDB3wLEN1C	HDB3LE2Cxx	190.888
			50, 63	HDB3wLEN1C	HDB3LE2Cxx	
		300	6, 10, 16, 20, 25, 32, 40	HDB3wLEN1CxxR300	HDB3LE2CxxR300	
			50, 63	HDB3wLEN1CxxR300	HDB3LE2CxxR300	
	3P + N /4P	30	6, 10, 16, 20, 25, 32, 40	HDB3wLEN6	HDB3LE4Cxx	382.888
			50, 63	HDB3wLEN6	HDB3LE4Cxx	
		300	6, 10, 16, 20, 25, 32, 40	HDB3wLEN6CxxR300	HDB3LE4CxxR300	
			50, 63	HDB3wLEN6CxxR300	HDB3LE4CxxR300	

Note : xx filled by rating ampere trip for example HDB3LE2C20 (20A), HDB3LE2C50R300 (50A), HDB3LE4C63 (63A), HDB3LE4C06R300 (6A)

**Surge Protection Device**



**HDY3 SERIES**

**Specification**

- Surge protection
- Protection from discharge surge energy
- Special offer for Photovoltaic, certificated by IEC 61643-31



Picture	Pole	Max Continuous Voltage	Maximum Discharge Current (kA)	Protection Level (kV)	Type	Price (Rp)
	1	275	40	1,5	HDY3N401275	224.888
			80	1,8	HDY3N801275	446.888
			120	2,2	HDY3N1201275	679.888
	2	275	40	1,5	HDY3N402275	444.888
			80	1,8	HDY3N802275	874.888
			120	2,2	HDY3N1202275	1.321.888
	3	275	40	1,5	HDY3N403275	653.888
			80	1,8	HDY3N803275	1.308.888
			120	2,2	HDY3N1203275	2.008.888
	1P + N	275	40	1,5	HDY3N405275	596.888
			80	1,8	HDY3N805275	1.179.888
			120	2,2	HDY3N1205275	1.413.888
	3P + N	275	40	1,5	HDY3N406275	1.016.888
			80	1,8	HDY3N806275	2.017.888
			120	2,2	HDY3N1206275	2.716.888
	1	440	40	2,0	HDY3N401440	224.888
			80	2,2	HDY3N801440	446.888
			120	3,5	HDY3N1201440	671.888
	2	440	40	2,0	HDY3N402440	444.888
			80	2,2	HDY3N802440	873.888
			120	3,5	HDY3N1202440	1.323.888
	3	440	40	2,0	HDY3N403440	652.888
			80	2,2	HDY3N803440	1.306.888
			120	3,5	HDY3N1203440	1.981.888
1P + N	440	40	2,0	HDY3N405440	596.888	
		80	2,2	HDY3N805440	1.178.888	
		120	3,5	HDY3N1205440	1.403.888	
3P + N	440	40	2,0	HDY3N406440	1.016.888	
		80	2,2	HDY3N806440	2.014.888	
		120	3,5	HDY3N1206440	2.689.888	



**HDPZ SERIES**

**Specification**

- Material: ABS Plastic
- Warna: Putih
- Grade Proteksi: IP30
- Voltase: 230V/400V
- Tegangan Maks Voltase: 500V
- Nilai Operasi Rating Ampere: 100A
- Ketahanan Arus: 6 Ka

Picture	Installation	Pole	Type	Price (Rp)
	Flush - Mounted	4	HDPZ50PR4NF	77.888
		6	HDPZ50PR6NF	92.888
		8	HDPZ50PR8NF	118.888
		12	HDPZ50PR12NF	175.888
		15	HDPZ50PR15NF	266.888
		18	HDPZ50PR18NF	299.888
		24	HDPZ50PR24NF	390.888
	Surface - Mounted	4	HDPZ50PM4IP30F	83.888
		6	HDPZ50PM6IP30F	102.888
		8	HDPZ50PM8IP30F	130.888
		12	HDPZ50PM12IP30F	189.888
		15	HDPZ50PM15IP30F	330.888
		18	HDPZ50PM18IP30F	351.888
		24	HDPZ50PM24IP30F	420.888



Molded Case Circuit Breaker (MCCB)



HDM2 SERIES

Specification

- Rated current 10A to 125A
- lcu/lcs certified
- 1P: lcu/lcs =20/15kA@220/240V
- 2P: lcu/lcs=30/18kA@220/240V  
lcu/lcs=20/15kA@400V
- Thermal trip calibrated under 40°C and 50°C
- Suitable for higher ambient temperature


Picture	Pole	Breaking Capacity (kA)	Type	Ampere Trip (A)	Price (Rp)
	1	20 kA	HDM2125L0101	10	325.888
			HDM2125L0161	16	
			HDM2125L0201	20	
			HDM2125L0251	25	
			HDM2125L0321	32	
			HDM2125L0401	40	
			HDM2125L0501	50	
			HDM2125L0631	63	397.888
			HDM2125L0801	80	
			HDM2125L1001	100	
			HDM2125L1251	125	
	2	30 kA	HDM2125L0102	10	543.888
			HDM2125L0162	16	
			HDM2125L0202	20	
			HDM2125L0252	25	
			HDM2125L0322	32	
			HDM2125L0402	40	
			HDM2125L0502	50	
			HDM2125L0632	63	
			HDM2125L0802	80	
			HDM2125L1002	100	
			HDM2125L1252	125	

## Molded Case Circuit Breaker (MCCB)

### HDM2 SERIES

#### Specification

- HDM2 is Himel range of 1P/2P MCCB , rated current 10A to 125A, rated Voltage 220V/240V, 400V
- Suitable for AC 50/60Hz & mainly used in the power distribution system, to provide protection against overload & short circuit
- Thermal trip calibrated under 50°C, suitable for higher ambient temperature

Picture	Pole	Breaking Capacity (kA)	Type	Ampere Trip (A)	Price (Rp)
	1	30 kA	HDM2125J010130T	10	653.888
			HDM2125J016130T	16	653.888
			HDM2125J020130T	20	653.888
			HDM2125J025130T	25	653.888
			HDM2125J032130T	32	653.888
			HDM2125J040130T	40	653.888
			HDM2125J050130T	50	653.888
			HDM2125J063130T	63	673.888
			HDM2125J080130T	80	673.888
		HDM2125J100130T	100	673.888	
		HDM2125J125130T	125	720.888	
		30 kA	HDM2125C010130T	10	532.888
			HDM2125C016130T	16	527.888
			HDM2125C020130T	20	527.888
			HDM2125C025130T	25	532.888
			HDM2125C032130T	32	532.888
			HDM2125C040130T	40	512.888
			HDM2125C050130T	50	527.888
			HDM2125C063130T	63	532.888
HDM2125C080130T	80		551.888		
HDM2125C100130T	100		551.888		
HDM2125C125130T	125	599.888			
	2	20 kA	HDM2125C010230T	10	794.888
			HDM2125C016230T	16	799.888
			HDM2125C020230T	20	799.888
			HDM2125C025230T	25	799.888
			HDM2125C032230T	32	761.888
			HDM2125C040230T	40	794.888
			HDM2125C050230T	50	799.888
			HDM2125C063230T	63	817.888
			HDM2125C080230T	80	817.888
			HDM2125C100230T	100	812.888
			HDM2125C125230T	125	859.888

Molded Case Circuit Breaker (MCCB)



HDM3 SERIES

3 Pole

Features

- HDM3: MCCB with fixed thermal magnetic trip unit, line and motor protection up to 1600A.
- HDM3E: MCCB with electronic type trip unit, LSI protection up to 1600A.
- HDM3L: Earth Leakage MCCB, protection against residual current up to 630A.
- Easy Installation, Safe Operation, High Performance.
- Double-deck cover design assures easy installation and removal of accessories.
- Patented design ensures quick extinguishing of arc.
- Wide environment conditions, max. -40°C~+70°C



Picture	Pole	Breaking Capacity (kA)	Type	Ampere Trip (A)	Price (Rp)
	3	18 kA	HDM363L1033XX	10	379.888
			HDM363L1633XX	16	
			HDM363L2033XX	20	
			HDM363L2533XX	25	
			HDM363L3233XX	32	
			HDM363L4033XX	40	
			HDM363L5033XX	50	
			HDM363L6333XX	63	
		30 kA	HDM363M1033XX	10	558.888
			HDM363M1633XX	16	
			HDM363M2033XX	20	
			HDM363M2533XX	25	
			HDM363M3233XX	32	
			HDM363M4033XX	40	
			HDM363M5033XX	50	
			HDM363M6333XX	63	
		25 kA	HDM3100S8033XX	80	458.888
			HDM3100S10033XX	100	
		50 kA	HDM3100N8033XX	80	620.888
			HDM3100N10033XX	100	
		60 kA	HDM3160N12533XX	125	925.888
			HDM3160N16033XX	160	
		60 kA	HDM3250N18033XX	180	1.031.888
			HDM3250N20033XX	200	
			HDM3250N22533XX	225	
			HDM3250N25033XX	250	
		50 kA	HDM3400F31533XX	315	2.687.888
			HDM3400F35033XX	350	
			HDM3400F40033XX	400	
		70 kA	HDM3400N31533XX	315	3.404.888
HDM3400N35033XX	350				
HDM3400N40033XX	400				
70 kA	HDM3630N50033XX	500	3.795.888		
	HDM3630N63033XX	630			
70 kA	HDM3800F70033XX	700	5.646.888		
	HDM3800F80033XX	800			
70 kA	HDM31600N100033XX	1000	14.150.888		
	HDM31600N125033XX	1250			
	HDM31600N160033XX	1600			

# Molded Case Circuit Breaker (MCCB)

## HDM3 T PLN SERIES

### 3 Pole

### Features

- HDM3: MCCB with fixed thermal magnetic trip unit, line and motor protection up to 1600A.
- HDM3E: MCCB with electronic type trip unit, LSI protection up to 1600A.
- HDM3L: Earth Leakage MCCB, protection against residual current up to 630A.
- Easy Installation, Safe Operation, High Performance.
- Double-deck cover design assures easy installation and removal of accessories.
- Patented design ensures quick extinguishing of arc.
- Wide environment conditions, max. -40°C~+70°C

Picture	Pole	Breaking Capacity (kA)	Type	Ampere Trip (A)	Price (Rp)
	3	25KA	HDM3100S8033XXT	80	458,888
			HDM3100S10033XXT	100	458.888
		35KA	HDM3250S12533XXT	125	620.888
			HDM3250S16033XXT	160	915.888
			HDM3250S20033XXT	200	915.888
			HDM3250S22533XXT	225	915.888
			HDM3250S25033XXT	250	1.020.888
		50 KA	HDM3400F30033XXT	300	2.687.888
		60 KA	HDM3160N12533XXT	125	620.888
			HDM3160N16033XXT	160	925.888
			HDM3250N20033XXT	200	925.888
			HDM3250N22533XXT	225	925.888
			HDM3250N25033XXT	250	1.031.888

# Molded Case Circuit Breaker (MCCB)

## HDM3 SERIES

### 4 Pole

### Features

- HDM3: MCCB with fixed thermal magnetic trip unit, line and motor protection up to 1600A.
- HDM3E: MCCB with electronic type trip unit, LSI protection up to 1600A.
- HDM3L: Earth Leakage MCCB, protection against residual current up to 630A.
- Easy Installation, Safe Operation, High Performance.
- Double-deck cover design assures easy installation and removal of accessories.
- Patented design ensures quick extinguishing of arc.
- Wide environment conditions, max. -40°C~+70°C

Picture	Pole	Breaking Capacity (kA)	Type	Ampere Trip (A)	Price (Rp)
	4	25 kA	HDM363S10B3XX	10	836.888
			HDM363S16B3XX	16	836.888
			HDM363S20B3XX	20	836.888
			HDM363S25B3XX	25	836.888
			HDM363S32B3XX	32	836.888
			HDM363S40B3XX	40	836.888
			HDM363S50B3XX	50	836.888
			HDM363S63B3XX	63	836.888
		30 kA	HDM363M10A3XX	10	836.888
			HDM363M16A3XX	16	836.888
			HDM363M20A3XX	20	836.888
			HDM363M25A3XX	25	836.888
			HDM363M32A3XX	32	836.888
			HDM363M40A3XX	40	836.888
			HDM363M50A3XX	50	836.888
		50 kA	HDM363M63A3XX	63	836.888
			HDM3100N80A3XX	80	1.074.888
		60 kA	HDM3100N100A3XX	100	1.074.888
			HDM3160N125A3XX	125	1.205.888
		60 kA	HDM3160N160A3XX	160	1.560.888
			HDM3250N180A3XX	180	1.560.888
			HDM3250N200A3XX	200	1.560.888
			HDM3250N225A3XX	225	1.560.888
		70 kA	HDM3250N250A3XX	250	1.653.888
			HDM3400N315A3XX	315	4.960.888
			HDM3400N350A3XX	350	4.960.888
		70 kA	HDM3400N400A3XX	400	5.580.888
			HDM3630N500A3XX	500	5.799.888
70 kA	HDM3630N630A3XX	630	6.431.888		
	HDM3800F700A3XX	700	7.381.888		
			HDM3800F800A3XX	800	10.121.888

NOTES:

- A: The N Phase is directly connected with a wire, and without contacts. it is always closed.
- B: The N Phase is equipped with contacts, but without protection. it is closed earlier and opens later than the other 3 poles.

Molded Case Circuit Breaker (MCCB)



HDM3 & HDM3L SERIES ACCESSORIES

Picture	Description	Position Installation	Type	For MCCB Type	Price (Rp)
	Alarm Contact (with wire)	L ( Kiri )	HDM3-63L/S HDM3-100L/S	HDM3-63L/S HDM3-100L/S	190.888
			HDM3100FNAL1L	HDM3-63M HDM-100 T / N HDM3L-125	190.888
			HDM3250AL1L	HDM3-160 HDM3-250 HDM3L-160 HDM3L-250	202.888
			HDM3630AL1L	HDM3-400 HDM3-630 HDM3L-400	322.888
		HDM3800AL1L	HDM3-800 HDM3L-630	381.888	
		R ( Kanan )	HDM3100FNAL1R	HDM3-63M HDM-100 T / N HDM3L-125	160.888
			HDM3250AL1R	HDM3-160 HDM3-250 HDM3L-160 HDM3L-250	160.888
			HDM3630AL1R	HDM3-400 HDM3-630 HDM3L-400	206.888
HDM31600AL1R	HDM3-1600		417.888		
	Auxiliary Contact (1NO+1NC) ( with wire )	L ( Kiri )	HDM3630F11K1BL	HDM3-63L/S HDM3-100L/S	190.888
			HDM3100FNOF11K1BL	HDM3-63M HDM-100 T / N HDM3L-125	190.888
			HDM3250F11K1BL	HDM3-160 HDM3-250 HDM3L-160 HDM3L-250	202.888
			HDM3630F11K1BL	HDM3-400 HDM3-630 HDM3L-400	322.888
			HDM3800F11K1BL	HDM3-800 HDM3L-630	383.888
		R ( Kanan )	HDM3630F11K1BR	HDM3-63L/S HDM3-100L/S	183.888
			HDM3100FNOF11K1BR	HDM3-63M HDM-100 T / N HDM3L-125	183.888
			HDM3250F11K1BR	HDM3-160 HDM3-250	183.888
			HDM3630F11K1BR	HDM3-400 HDM3-630	322.888
			HDM3800F11K1BR	HDM3-800	383.888

Molded Case Circuit Breaker (MCCB)




HDM3 & HDM3L SERIES ACCESSORIES

Picture	Description	Position Installation	Type	For MCCB Type	Price (Rp)
	Shunt Release/Trip ( 230VAC ) with wire	R ( Kanan )	HDM363MX1A2	HDM3-63 L/S HDM3-100 L/S	377.888
			HDM3100FNMX1A2	HDM3-63 M HDM-100T/N	428.888
			HDM3250MX1A2	HDM3-160 HDM3-250 HDM3L-160 HDM3L-250	486.888
			HDM3630MX1A2	HDM3-400 HDM3-630 HDM3L-400	782.888
			HDM3800MX1A2R	HDM3-800 HDM3L-630	919.888
			HDM31250MX1A2R	HDM3-1250	1.148.888
			HDM31600MX1A2L	HDM3-1600	1.405.888
	Under Voltage Release/Trip ( 230VAC )	L ( Kiri )	HDM363MNA2L	HDM3-63 L/S HDM3-100 L/S	566.888
			HDM3100FNMNA2L	HDM3-63M HDM-100T / N	566.888
			HDM3250MNA2L	HDM3-160 HDM3-250 HDM3L-160 HDM3L-250	696.888
			HDM3630MNA2L	HDM3-400 HDM3-630 HDM3L-400	710.888
			HDM3800MNA2L	HDM3-800 HDM3L-630	1.265.888
			HDM31250MNA2	HDM3-1250	2.029.888
			HDM31600MNA2	HDM3-1600	2.518.888
	Motor Mechanism ( 230VAC )		HDM363D1A2	HDM3-63L/S HDM3-100L/S	3.810.888
			HDM3100SD1A2 HDM3100FND1A2	HDM3-63M HDM-100N/M/F/T	3.810.888
			HDM3100FND1A2	HDM3-100 (M/F/T/N)	3.810.888
			HDM3250SD1A2 HDM3250FD1A2	HDM3-160N/M/F/T HDM3-250N/M/F/T	4.525.888
			HDM3630D1A2	HDM3-400 HDM3-630	6.579.888
			HDM3800D1A2	HDM3-800	7.241.888
			HDM31250CD1A2	HDM3-1250	9.283.888
			HDM31600CD1A2	HDM3-1600	9.562.888


Molded Case Circuit Breaker (MCCB)



HDM3 & HDM3L SERIES ACCESSORIES

Picture	Description	Position Installation	Type	For MCCB Type	Price (Rp)
	Extended Rotary Handle > Round type		HDM363HL1	HDM3-63L/S HDM3-100L/S	605.888
			HDM3100FNHL1	HDM3-63M HDM-100N/M/F/T	603.888
			HDM3250HL1	HDM3-160 HDM3-250	692.888
			HDM3630HL1	HDM3-400 HDM3-630	811.888
			HDM3800HL1	HDM3-800	800.888
			HDM31600HL2	HDM3-1600	1.269.888



	Expanding Terminal MCCB		HDM363C3	HDM3-63L/S HDM3-100L/S	81.888
			HDM363C4		104.888
			HDM3100FNC3	HDM3-63M HDM-100N/M/F/T HDM3L-125	81.888
			HDM3100FNC4		104.888
			HDM3250C3	HDM3-160 HDM3-250 HDM3L-160 HDM3L-250	297.888
			HDM3250C4		486.888
			HDM3630C3	HDM3-400 HDM3-630 HDM3L-400	770.888
			HDM3630C4		1.028.888
			HDM3E800C3	HDM3-800 HDM3L-630	1.622.888
			HDM3E800C4		2.148.888

# Molded Case Circuit Breaker (MCCB)

## HDM3S SERIES

### Adjustable Type

- Adjustable Range Setting = 0.8 - 1 X In Trip Unit ( ≤ 20% adjustment )
- HDM3S is Himel 3 series range of Molded Case Circuit Breakers with adjustable thermal magnetic trip unit, providing line protection, up to 630A.







### Features

- Double-deck cover design assures easy installation and removal of accessories.
- Thermal adjustable range (0.8~1)In ,magnetic adjustable range (5~10)In
- All series Ics=100%Icu.

Picture	Pole	Breaking Capacity (kA)	Type	Ampere Trip (A)	Price (Rp)	
	3	35 kA	HDM3S160M02531XX	25	1.434.888	
			HDM3S160M03231XX	32		
			HDM3S160M04031XX	40		
			HDM3S160M05031XX	50		
			HDM3S160M06331XX	63		
			HDM3S160M08033XX	80		
			HDM3S160M10033XX	100		
			HDM3S160M12533XX	125		
		HDM3S160M16033XX	160	1.994.888		
		35 kA	HDM3S250M20033XX		200	
		HDM3S250M25033XX	250			
		50 kA	HDM3S400M32033XX		320	4.551.888
HDM3S400M40033XX	400					
50 kA	HDM3S630M50033XX	500	5.003.888			
	HDM3S630M63033XX	630	5.737.888			
	4	35 kA	HDM3S160M025B1XX	25	2.187.888	
			HDM3S160M032B1XX	32		
			HDM3S160M040B1XX	40		
			HDM3S160M050B1XX	50		
			HDM3S160M063B3XX	63		
			HDM3S160M080B3XX	80		
			HDM3S160M100B3XX	100		2.227.888
			HDM3S160M125B3XX	125		
		35 kA	HDM3S160M160B3XX	160	2.504.888	
			HDM3S250M200B3XX	200	2.779.888	
		HDM3S250M250B3XX	250			
		50 kA	HDM3S400M320B3XX	320	6.140.888	
			HDM3S400M400B3XX	400		
		50 kA	HDM3S630M500B3XX	500	7.500.888	
HDM3S630M630B3XX	630					

Molded Case Circuit Breaker (MCCB)

HDM3S SERIES ACCESSORIES

Picture	Description	Position Installation	Type	For MCCB Type	Price (Rp)
	Alarm Contact (with wire)	L ( Kiri )	HDM3S160AL1L	HDM3S-160	161.888
			HDM3S250AL1L	HDM3S-250	187.888
			HDM3S630AL1L	HDM3S-400 HDM3S-630	279.888
	Auxiliary Contact (with wire)	L ( Kiri )	HDM3S160OF11L	HDM3S-160	161.888
			HDM3S250OF11L	HDM3S-250	187.888
			HDM3S630OF11L	HDM3S-400 HDM3S-630	279.888
	Auxiliary Contact (with wire)	L ( Kiri )	HDM3S160OF11L	HDM3S-160	161.888
			HDM3S250OF11L	HDM3S-250	187.888
			HDM3S630OF11L	HDM3S-400 HDM3S-630	279.888
	Shunt Release/Trip (230VAC) with wire	R ( Kanan )	HDM3S160MX1A2R	HDM3S-160	267.888
			HDM3S250MX1A2R	HDM3S-250	293.888
			HDM3S630MX1A2R	HDM3S-400 HDM3S-630	572.888
	Under Voltage Release/Trip (230VAC)	R ( Kanan )	HDM3S160MN2A2R	HDM3S 160 UVR with terminal AC220V right	663.888
			HDM3S160MN2A3R	HDM3S 160 UVR with terminal AC380V right	
			HDM3S160MN2D3R	HDM3S 160 UVR with terminal DC24V right	
		HDM3S250MN2A2R	HDM3S 250 UVR with terminal AC220V right	769.888	
			HDM3S250MN2A3R		HDM3S 250 UVR with terminal AC380V right
			HDM3S250MN2D3R		HDM3S 250 UVR with terminal DC24V right
		HDM3S630MN2A2R	HDM3S 630 UVR with terminal AC220V right	874.888	
			HDM3S630MN2A3R		HDM3S 630 UVR with terminal AC380V right
			HDM3S630MN2D3R		HDM3S 630 UVR with terminal DC24V right
	Motor Mechanism (230VAC)		HDM3S160MOA2	HDM3S-160	3.260.888
			HDM3S250MOA2	HDM3S-250	3.441.888
			HDM3S630MOA2	HDM3S-400 HDM3S-630	6.091.888
	Extended Rotary Handle > Round type		HDM3S160HL1	HDM3S-160	425.888
			HDM3S250HL1	HDM3S-250	465.888
			HDM3S630HL1	HDM3S-400 HDM3S-630	649.888

Molded Case Circuit Breaker (MCCB)



HDM3SV SERIES



- MCCB/SD/MP
- 125/160/250/630AF
- MAX. Icu=Ics=50kA@AC415V

Pole	Breaking Capacity (kA)	Type	Ampere (A)	Price (Rp)
3	25 kA	HDM3SV125B02534T	25	1.551.888
		HDM3SV125B03234T	32	1.551.888
		HDM3SV125B04034T	40	1.551.888
		HDM3SV125B05034T	50	1.551.888
		HDM3SV125B06334T	63	1.551.888
		HDM3SV125B08034T	80	1.551.888
		HDM3SV125B10034T	100	1.551.888
HDM3SV125B12534T		125	1.551.888	
4		HDM3SV125B025B4T	25	1.921.888
		HDM3SV125B032B4T	32	1.921.888
		HDM3SV125B040B4T	40	1.921.888
		HDM3SV125B050B4T	50	1.921.888
		HDM3SV125B063B4T	63	1.921.888
		HDM3SV125B080B4T	80	1.921.888
	HDM3SV125B100B4T	100	1.921.888	
HDM3SV125B125B4T	125	1.921.888		
3	36 kA	HDM3SV160F02534T	25	1.865.888
		HDM3SV160F03234T	32	1.865.888
		HDM3SV160F04034T	40	1.865.888
		HDM3SV160F05034T	50	1.865.888
		HDM3SV160F06334T	63	1.865.888
		HDM3SV160F08035T	80	1.865.888
		HDM3SV160F10035T	100	1.865.888
		HDM3SV160F12535T	125	1.865.888
		HDM3SV160F16035T	160	1.981.888
		HDM3SV250F20035T	200	2.701.888
HDM3SV250F25035T		250	2.701.888	
4		HDM3SV160F025B4T	25	2.373.888
		HDM3SV160F032B4T	32	2.373.888
		HDM3SV160F040B4T	40	2.373.888
		HDM3SV160F050B4T	50	2.373.888
		HDM3SV160F063B4T	63	2.373.888
		HDM3SV160F080B5T	80	2.373.888
		HDM3SV160F100B5T	100	2.373.888
		HDM3SV160F125B5T	125	2.373.888
		HDM3SV160F160B5T	160	2.528.888
	HDM3SV250F200B5T	200	3.544.888	
HDM3SV250F250B5T	250	3.544.888		

Pole	Breaking Capacity (kA)	Type	Ampere (A)	Price (Rp)	
3	25 kA	HDM3SV160N02534T	25	1.923.888	
		HDM3SV160N03234T	32	1.923.888	
		HDM3SV160N04034T	40	1.923.888	
		HDM3SV160N05034T	50	1.923.888	
		HDM3SV160N06334T	63	1.923.888	
		HDM3SV160N08035T	80	1.923.888	
		HDM3SV160N10035T	100	1.923.888	
		HDM3SV160N12535T	125	1.923.888	
		HDM3SV160N16035T	160	2.039.888	
		HDM3SV250N20035T	200	2.779.888	
3	50 kA	HDM3SV250N25035T	250	2.779.888	
		HDM3SV630N32035T	320	6.150.888	
		HDM3SV630N40035T	400	6.150.888	
		HDM3SV630N50035T	500	8.051.888	
		HDM3SV630N63035T	630	8.051.888	
		4	HDM3SV160N025B4T	25	2.450.888
			HDM3SV160N032B4T	32	2.450.888
			HDM3SV160N040B4T	40	2.450.888
			HDM3SV160N050B4T	50	2.450.888
			HDM3SV160N063B4T	63	2.450.888
HDM3SV160N080B5T	80		2.450.888		
HDM3SV160N100B5T	100		2.450.888		
HDM3SV160N125B5T	125		2.450.888		
HDM3SV160N160B5T	160		2.606.888		
HDM3SV250N200B5T	200		3.659.888		
4	HDM3SV250N250B5T	250	3.659.888		
	HDM3SV630N320B5T	320	7.976.888		
	HDM3SV630N400B5T	400	7.976.888		
	HDM3SV630N500B5T	500	10.710.888		
	HDM3SV630N630B5T	630	10.710.888		

# Air Circuit Breaker (ACB)



## HDW3 SERIES

HDW3 is Himel 3 series comprehensive range of Air Circuit Breakers designed to distribute electric energy and protect overload, under voltage, short circuit and ground faults

### Spesifikasi



- Standard: IEC 60947-2
- Kapasitas pemutusan (Icu): 50 kA dan 80 kA pada 380/415 VAC
- Tipe unit trip: iTR362A Standart Protection ( Display Pengukuran Arus Jaringan )

### Proteksi

- Tipe L-S-I-G
- $L = IR = 0,4 \sim 1 \times I_n$
- $S = ISD = 0.4 \sim 15 \times I_n$
- $I = I_i = 2 \sim 100 \text{ kA}$
- $G = IG = 0.2 \sim 1 \times I_n$

### Kelengkapan

- Termasuk kontak bantu 4 NO& 4 NC ( AF1600 A ) dan 6 NO & 6 NC ( AF 2000-3200 A )
- Motorized MCH + Closing XF + Under Voltage Release 230 VAC
- Termasuk terminal board

Picture	Model	Pole	Connections Type	Breaking Capacity (kA)	Type	Rate Current (A)	Price (Rp)
	Fixed	3	Horizontal	50 kA	HDW316M103FHNNN4M	1000	26.228.888
			Horizontal	80 kA	HDW320M123FHNNN6M	1250	26.466.888
			Horizontal	80 kA	HDW320M163FHNNN6M	1600	26.763.888
			Horizontal	80 kA	HDW320M203FHNNN6M	2000	31.423.888
			Horizontal	80 kA	HDW332M253FHNNN6M	2500	44.683.888
			Horizontal	80 kA	HDW332M323FHNNN6M	3200	48.744.888
		4	Horizontal	100 kA	HDW340M403FHNNN4M	4000	77.229.888
			Horizontal	50 kA	HDW316M104FHNNN4M	1000	32.711.888
			Horizontal	80 kA	HDW320M124FHNNN6M	1250	33.008.888
			Horizontal	80 kA	HDW320M164FHNNN6M	1600	33.306.888
			Horizontal	80 kA	HDW320S204FHNNN6M	2000	43.714.888
			Horizontal	80 kA	HDW332M254FHNNN6M	2500	52.577.888
			Horizontal	80 kA	HDW332M324FHNNN6M	3200	58.918.888
	Draw-Out	3	Horizontal	42 kA	HDW316M103DHNNN4M	1000	32.810.888
			Horizontal	80 kA	HDW316M123DHNNN4M	1250	33.008.888
			Horizontal	80 kA	HDW316M163DHNNN4M	1600	33.603.888
			Horizontal	80 kA	HDW320M203DHNNN6M	2000	44.507.888
			Horizontal	80 kA	HDW332M253DHNNN6M	2500	68.428.888
			Horizontal	80 kA	HDW332M323DHNNN6M	3200	77.118.888
			Horizontal	100 kA	HDW340M403DHNNN4M	4000	109.269.888
			Horizontal	120 kA	HDW363M503DHNNN6M	5000	180.080.888
		4	Horizontal	120 kA	HDW363M633DHNNN6M	6300	223.452.888
			Horizontal	42 kA	HDW316M104DHNNN4M	1000	42.228.888
			Horizontal	80 kA	HDW316M124DHNNN4M	1250	42.723.888
			Horizontal	80 kA	HDW316M164DHNNN4M	1600	43.417.888
			Horizontal	80 kA	HDW320M204DHNNN6M	2000	54.619.888
			Horizontal	80 kA	HDW332M254DHNNN6M	2500	83.310.888
			Horizontal	80 kA	HDW332M324DHNNN6M	3200	97.430.888
			Horizontal	100 kA	HDW340M404DHNNN4M	4000	130.884.888
			Horizontal	120 kA	HDW363M504DHNNN6M	5000	184.759.888
			Horizontal	120 kA	HDW363M634DHNNN6M	6300	223.452.888

## LOW VOLTAGE DISTRIBUTION

# Transfer Switch Equipment

### HDQ3S SERIES

HDQ3S is Himel 3 series range of CB type Transfer Switch Equipment, automatic transferring the power supply between the normal power & standby power.

#### Features

- 5 Frame Sizes: 80, 125, 250AF
- Rated current In (A): 16 - 250A
- Rated voltage AC Ue (V): 400/415, Poles: 3 & 4
- Integrated or split intelligent controller
- HDM3 integrated with overload , short circuit protection



Product	Pole	Current Rating (A)	Type	Description	Price (Rp)
Change Over Switch	4	63	HDQ3S008040063M	I - O - I	1.877.888
		80	HDQ3S008040080M	I - O - I	1.877.888
		100	HDQ3S012540100M	I - O - I	2.272.888
		125	HDQ3S012540125M	I - O - I	2.272.888
		140	HDQ3S025040140M	I - O - I	4.505.888
		160	HDQ3S025040160M	I - O - I	4.505.888
		200	HDQ3S025040200M	I - O - I	4.505.888
		250	HDQ3S025040250M	I - O - I	4.505.888

Product	Pole	Current Rating (A)	Type	Description	Price (Rp)
Automatic Transfer Switch	4	63	HDQ3S012540063G	I - O - I	4.190.888
		80	HDQ3S012540080G	I - O - I	4.190.888
		100	HDQ3S012540100G	I - O - I	4.190.888
		125	HDQ3S012540125G	I - O - I	4.190.888
		140	HDQ3S025040140G	I - O - I	6.683.888
		160	HDQ3S025040160G	I - O - I	6.683.888
		200	HDQ3S025040200G	I - O - I	6.683.888
		250	HDQ3S025040250G	I - O - I	6.683.888

Product	Length	Type	Applicable For	Price (Rp)
External Handler	15R	HDQ3SERH15R0080	HDQ3S008040063M	1.223.888
	30R	HDQ3SERH30R0080	HDQ3S008040080M	1.310.888
	15R	HDQ3SERH15R0125	HDQ3S012540100M	1.262.888
			HDQ3S012540125M	
			HDQ3S012540063G	
	30R	HDQ3SERH30R0125	HDQ3S012540080G	1.349.888
			HDQ3S012540100G	
			HDQ3S012540125G	
	15R	HDQ3SERH15R0250	HDQ3S025040140M	1.387.888
			HDQ3S025040160M	
			HDQ3S025040200M	
	30R	HDQ3SERH30R0250	HDQ3S025040250M	1.446.888
HDQ3S025040140G				
HDQ3S025040160G				
HDQ3S025040200G				
		HDQ3S025040250G		

## POWER FACTOR CORRECTION




### Capacitor & Power Factor Controller



#### POWER CAPACITORS - BOX TYPE


- **3 Phase Power Capacitors**  
BOX type, 50/60Hz
- **Dry Type**  
Polypropylene metallized film  
Metallized polypropyless technology with  
built-in SELF HEALING properties
- **Rated voltage**  
415VAC without connection detuned reactor  
450VAC/525VAC with connection detuned reactor



Picture	Rate Voltage	kVar	Type	Price (Rp)
<b>Housing Model D</b> 	415VAC / 50Hz	5	HBSM00415000503D	612.888
		10	HBSM00415001003D	790.888
		15	HBSM00415001503D	1.118.888
		20	HBSM00415002003D	1.216.888
		25	HBSM00415002503D	1.558.888
		30	HBSM00415003003D	1.695.888
		40	HBSM00415004003M	2.098.888
		50	HBSM00415005003M	3.645.888
<b>Housing Model M</b> 	450VAC / 50 Hz	5	HBSM00450000503D	669.888
		10	HBSM00450001003D	714.888
		15	HBSM00450001503D	977.888
		20	HBSM00450002003D	1.108.888
		25	HBSM00450002503D	1.344.888
		30	HBSM00450003003D	1.526.888
		40	HBSM00450004003M	1.995.888
		50	HBSM00450005003M	3.105.888
<b>Housing Model Q</b> 	525VAC / 50 Hz	20	HBSM00525002003D	1.138.888
		25	HBSM00525002503D	1.371.466
		30	HBSM00525003003M	2.413.888
		40	HBSM00525004003M	3.304.888
		50	HBSM00525005003M	4.036.888

#### POWER FACTOR CONTROLLER

- Sampling voltage : 220VAC , 50/60Hz
- Sampling current : n/5A
- Size : 120 x 120 mm

Picture	Loops	Type	Price (Rp)
	12	HJKF5CV12Z	6.595.888

# Magnetic Contactor (AC)



## HDC3 SERIES

HDC3 is Himel 3 series range of contactors designed for Motor Control AC3 applications up to 630A.

- 5 Frame Sizes: 25, 38, 95, 225, 630A
- Wide range of operating voltage from 70%~120% Us
- Full range of accessories for any type of application
- Can be combined with HDR3s thermal overload relay

Picture	Rated Operation( 380/400V )			Type	Aux. Contact	Price (Rp)
	kW	A (AC-1)	A (AC-3)			
	4	20	9	HDC3-09	1NO 1NC	163.888
	5,5	20	12	HDC3-12	1NO 1NC	170.888
	7,5	32	18	HDC3-18	1NO 1NC	214.888
	11	40	25	HDC3-25	1NO 1NC	264.888
	15	50	32	HDC3-32	1NO 1NC	392.888
	18,5	60	40	HDC3-40	1NO 1NC	587.888
	22	80	50	HDC3-50	1NO 1NC	636.888
	30	80	65	HDC3-65	1NO 1NC	735.888
	37	125	80	HDC3-80	1NO 1NC	1.108.888
	45	125	95	HDC3-95	1NO 1NC	1.194.888
	55	200	120	HDC3-120	2NO 2NC	2.323.888
	75	200	160	HDC3160KUE7	2NO 2NC	2.421.888
	90	275	185	HDC3185M	2NO 2NC	3.114.888
	110	275	225	HDC3225KUE7	2NO 2NC	3.651.888
				HDC3S225M7	2NO 2NC	3.651.888
	132	315	265	HDC3265KUE7	2NO 2NC	4.309.888
				HDC3S265M7	2NO 2NC	4.309.888
	160	380	330	HDC3330KUE7	2NO 2NC	6.415.888
				HDC3S330M7	2NO 2NC	6.415.888
	220	450	400	HDC3400KUE7	2NO 2NC	6.908.888
HDC3S400M7				2NO 2NC	6.908.888	
250	630	500	HDC3500KUE7	2NO 2NC	9.749.888	
			HDC3S500M7	2NO 2NC	9.749.888	
355	700	630	HDC3630KUE7	2NO 2NC	13.225.888	
			HDC3S630M7	2NO 2NC	13.225.888	

Note : Coil Contact

- M : 220 VAC (50HZ)

- M7 : 220 VAC (50/60HZ)

- KUE7 : 100 - 250 VAC (50/60HZ)

- URE7 : 250 - 500 VAC 50/60HZ)

## MOTOR MANAGEMENT

# Magnetic Contactor (AC)



### HJX2 SERIES

HJX2 & HJX2F 4P AC Contactor is Himel HJX series range of contactors designed for Motor Control AC3 applications up to 800A 690V.

- Current specifications: 9-800A
- Pole: 4-pole
- Coil voltage: 24-440V
- Coil frequency: 50/60Hz

Picture	Rated Operation( 380/400V )		Type	Aux.Contact	Price (Rp)
	kW	A (AC-3)			
	4	9	HJX209	2NO 2NC	231.888
	5.5	12	HJX212	2NO 2NC	283.888
	11	25	HJX225	2NO 2NC	475.888
	18.5	40	HJX240	2NO 2NC	996.888
	22	50	HJX250	2NO 2NC	1.173.888
	30	65	HJX265	2NO 2NC	1.571.888
	37	80	HJX280	2NO 2NC	2.325.888
	45	95	HJX295	2NO 2NC	2.476.888
	55	115	HJX2F115	4NO	4.650.888
	75	150	HJX2F150	4NO	4.982.888
	90	185	HJX2F185	4NO	5.314.888
	110	225	HJX2F225	4NO	5.757.888
	132	265	HJX2F265	4NO	7.307.888
	160	330	HJX2F330	4NO	10.850.888
	220	400	HJX2F400	4NO	11.293.888
	250	500	HJX2F500	4NO	22.035.888
355	630	HJX2F630	4NO	24.512.888	

Note : \* Coil contact : 220/230VAC, 380VAC (50/60Hz)

### MINI MAGNETIC CONTACTOR

HDC17K is Himel Miniature AC Contactor for remote make and break of circuits. It facilitates seamless functioning of applications requiring frequent start and stop of small power motors.

#### Features

- Current: 6-12A
- Pole: 3/4-pole
- Coil voltage: 24-400V
- Coil frequency: 50/60Hz




Picture	Ampere AC-1/AC-3	Main Contact	Aux.Contact	Type	Reference	Price (Rp)
	20/9 A	3NO	1NO	HDC17K93010	HDC17K93010M7 HDC17K93010Q7	239.888
		3NO	1NC	HDC17K93001	HDC17K93001M7 HDC17K93001Q7	239.888
		4NO	—	HDC17K94000	HDC17K94000M7 HDC17K94000Q7	244.888
		2NO 2NC	—	HDC17K92200	HDC17K92200M7 HDC17K92200Q7	244.888

Note : \* Coil contact : 220VAC, 110VAC, 380VAC (50/60Hz)

**Magnetic Contactor (AC)**



**CONTACTOR ACCESSORIES**

Picture	Description	Aux. Contact	Type	For Contactor	Price (Rp)
	Aux.Contact (side)	1NO 1NC	HFC6-11	HDC6-09 to HDC6-95	62.888
		2NC	HFC6-02		62.888
		2NO	HFC6-20	HDC3-09 to HDC3-95	62.888
		1NO 1NC	HFC4-11	HDC3-120 to HDC3-630	39.888
	Aux.Contact (top)	1NO 1NC	HFD611 / HF411	HDC6-09 to HDC6-630	60.888
		2NC	HFD602 / HF402		60.888
		2NO	HFD620 / HF420		60.888
		4NC	HFD604 / HF404	HDC3-09 to HDC3-630	100.888
		4NO	HFD640 / HF440		100.888
		2NO 2NC	HFD622 / HF422	HJX2-09 to HJX2-630	100.888
		3NO 1NC	HFD631 / HF431	100.888	
1NO 3NC	HFD613 / HF413	100.888			
	Mechanical Interlock (Horizontal Installation)		HFR632H	HDC6-09 to HDC6-32 HDC3-09 to HDC3-32	257.888
			HFR695H	HDC6-40 to HDC6-95 HDC3-40 to HDC3-95	306.888
			HFR6FFH	HDC6-115 to HDC6-150	522.888
			HFR6GGH	HDC6-185 to HDC6-225	553.888
			HFR6HHH	HDC6-265 to HDC6-330	685.888
			HFR6KKH	HDC6-400 to HDC6-500	761.888
			HFR6LLH	HDC6-630	873.888
	Time Delay Contact	ON - Delay	HFT620 (0.1 - 3s)	HDC6-09 to HDC6-630 HDC3-09 to HDC3-630 HJX2-09 to HJX2-630	327.888
			HFT622 (0.1 - 30s)		327.888
			HFT624 (0.1 - 180s)		327.888
		OFF - Delay	HFT630 (0.1 - 3s)		327.888
			HFT632 ((0.1 - 30s)		327.888
			HFT634 (0.1 - 180s)		327.888


# Thermal Overload Relay (TOR)




## TOR for HDC3 SERIES

HDR3s is Himel 3 series range of thermal overload relays designed to provide protection against overload phase loss and current imbalance.

- Frame Rating Current: 25, 38, 93 , 185 , 630A
- Setting Current: 0.1-630 A

Picture	Type	Contactor type	Reference	Ampere Setting (A)	Price (Rp)
	HDR3s-25	HDC3-09 to HDC3-25  HJX2-09 to HJX2-25	HDR3S25P16	0.1 - 0.16	218.888
			HDR3S25P25	0.16 - 0.25	218.888
			HDR3S25P4	0.25 - 0.40	218.888
			HDR3S25P63	0.40 - 0.63	218.888
			HDR3S251	0.63 - 1.0	218.888
			HDR3S251P6	1.0 - 1.60	218.888
			HDR3S252P5	1.60 - 2.50	218.888
			HDR3S254	2.50 - 4.0	218.888
			HDR3S256	4.0 - 6.0	218.888
			HDR3S258	5.5 - 8.0	218.888
			HDR3S2510	7 - 10	218.888
			HDR3S2513	9 - 13	235.888
			HDR3S2518	12 - 18	235.888
			HDR3S2525	17 - 25	235.888
	HDR3s-38	HDC3-32	HDR3S3832	23 - 32	339.888
			HDR3S3840	30 - 40	339.888
	HDR3s-95	HDC3-40 to HDC3- 95 HJX2-40 to HJX2-95	HDR3S9332	23 - 32	526.888
			HDR3S9340	30 - 40	526.888
HDR3S9350			37 - 50	526.888	
HDR3S9365			48 - 65	532.888	
HDR3S9370			55 - 70	532.888	
HDR3S9380			63 - 80	532.888	
		HDR3S9393	80 - 93	532.888	

## For Contactor HDC6, HDC3 & HJX2

Picture	Type	Contactor type	Reference	Ampere Setting (A)	Price (Rp)
	HDR6-185 / HDR3s-185	HDC6-115 to HDC6-185	HDR3S18565	48 - 65	1.249.888
			HDR3S18570	55 - 70	1.242.888
			HDR3S18580	63 - 80	1.254.888
			HDR3S18595	75 - 95	1.261.888
		HDC3-120 to HDC3-185  HJX2-F115 to HJX2-F185	HDR3S185115	90 - 115	1.269.888
			HDR3S185135	105 - 135	1.329.888
			HDR3S185150	120 - 150	1.357.888
			HDR3S185160	130 - 160	1.366.888
			HDR3S185185	150 - 185	1.381.888
	HDR6-630/F HDR3s-630	HDC6-225 to HDC6-630	HDR3S630200F	145 - 200	3.053.888
			HDR3S630250F	180 - 250	3.053.888
		HDC3-225 to HDC3-630	HDR3S630320F	230 - 320	3.053.888
			HDR3S630400F	290 - 400	3.053.888
		HJX2-F225 to HJX2-F630	HDR3S630480F	350 - 480	3.053.888
HDR3S630630F			460 - 630	3.053.888	

# Contactor

## CAPACITOR SWITCHING CONTACTOR

HDC19s is Himel range of contactors dedicated for switching of capacitors. It is developed based on 3 series contactor with technology to reduce capacitor closing current impact on contactor contacts.

### Features

- Current range covers from 25A to 170A
- Various auxiliary contact types can be selected for different applications
- Manufactured on automated production line for better reliability.

Picture	Rate Thermal Current (A)	Kvar/380V	Type	Reference	Aux.Contact	Price (Rp)
	25	12	HDC19s-25	HDC19S2511M7	1NO 1NC	407.888
	32	20	HDC19s-32	HDC19S3211M7		530.888
	43	25	HDC19s-43	HDC19S4311M7		650.888
	63	30	HDC19s-63	HDC19S6321M7	2NO 1NC	1.243.888
	95	50	HDC19s-95	HDC19S9521M7		1.818.888
	115	60	HDC19s-115	HDC19S11521M7		3.382.888

Note : \* Coil contact : 220VAC, 50/60Hz

## MODULAR CONTACTOR

HDCH8S is Himel modular contactor designed to switch on and switch off lighting or other equipment, can be widely used in commercial and residential building.

### Features

- Multi-selection for main contacts
- Full range from 16A to 63A

Picture	Pole	Ampere (A)	Contact	Type	Price (Rp)
	2	25	2NO	HDCH8S25220	179.888
			2NC	HDCH8S25202	179.888
			1NO 1NC	HDCH8S25211	179.888
		40	2NO	HDCH8S40220	398.888
			2NC	HDCH8S40202	398.888
			1NO 1NC	HDCH8S40211	398.888
	4	25	4NO	HDCH8S25440	305.888
			4NC	HDCH8S25404	305.888
			2NO 2NC	HDCH8S25422	305.888
		40	3NO 1NC	HDCH8S25431	305.888
			4NO	HDCH8S40440	630.888
			4NC	HDCH8S40404	630.888
		2NO 2NC	HDCH8S40422	630.888	
		3NO 1NC	HDCH8S40431	630.888	

Note : \* Coil contact : 220VAC, 50/60Hz



**MOTOR STARTER**

Picture	Rated Operating Power (400/415V) AC-3	Ampere Setting (A)	Type	Price (Rp)
	0,037KW	0.1 - 0.16	HDP632P16	510.888
	0.06 kW	0.16 - 0.25	HDP632P25	510.888
	0.09 kW	0.25 - 0.4	HDP632P4	510.888
	0.12 kW	0.4 - 0.63	HDP632P63	510.888
	0.25kW	0.63 - 1.0	HDP6321	510.888
	0.37kW	1.0 - 1.6	HDP6321P6	510.888
	0.75kW	1.6 - 2.5	HDP6322P5	510.888
	1.5kW	2.5 - 4	HDP6324	510.888
	2.2kW	4 - 6.3	HDP6326P3	510.888
	4.0kW	6.0 -10	HDP63210	510.888
	5.5kW	9.0 - 14	HDP63214	510.888
	7.5kW	13 - 18	HDP63218	510.888
	9.0kW	17 - 22	HDP63223	510.888
	11kW	20 -25	HDP63225	510.888
	15kW	24 - 32	HDP63232	510.888

**ACCESSORIES**

Picture	Description	Wiring	Type	Aux.Contact	Price (Rp)
	Aux.Contact	Side mount	HAN20	2NO	151.888
			HAN11	1NO 1NC	151.888
		Top mount	HAE20	2NO	71.888
			HAE11	1NO 1NC	71.888
	Undervoltage relay, 220VAC Shuntrip, 220VAC	HAU220			268.888
		HAS220			268.888

# Motor Starter 3 Phase



## DOL Starter (Coil 220-230 VAC)

HDS6 is Himel 6 series range of Magnetic Starter mainly used for AC 50/60Hz control system and maximum rated working voltage up to 660V. Direct start and stop of three threephase squirrel cage induction motor with maximum rated overload protection is provided for the motor.

Picture	Rated Operation ( 380/400V )		Type	Ampere Setting (A)	Price (Rp)
	kW	A (AC-3)			
	4	9	HDS6-3209MP15	0.1 - 0.15	778,888
			HDS6-3209MP18	0.12 - 0.18	778,888
			HDS6-3209MP25	0.18 - 0.25	778,888
			HDS6-3209MP36	0.25 - 0.36	778,888
			HDS6-3209MP5	0.35 - 0.50	778,888
			HDS6-3209MP7	0.50 - 0.70	778,888
			HDS6-3209MP9	0.63 - 0.90	778,888
			HDS6-3209M1P2	0.90 - 1.20	778,888
			HDS6-3209M1P8	1.20 - 1.80	778,888
			HDS6-3209M2P5	1.80 - 2.50	778,888
			HDS6-3209M3P6	2.50 - 3.60	778,888
			HDS6-3209M4P8	3.50 - 4.80	778,888
			HDS6-3209M6P3	4.5 - 6.30	778,888
			HDS6-3209M7	5.0 - 7.0	778,888
			HDS6-3209M9	6.3 - 9.0	807,888
	5,5	12	HDS6-3212M12	9 - 12	897,888
	7,5	18	HDS6-3218M15	11 - 15	897,888
	7,5	18	HDS6-3218M18	14 - 18	936,888
	11	25	HDS6-3225M25	18 - 25	1.029.888
	15	32	HDS6-3232M32	25 - 32	1.132.888

# Motor Starter 3 Phase




## DOL STARTER (Coil Starter 380VAC)

HDS3 is Himel 3 series range of Magnetic Starter mainly used for AC 50/60Hz control system and maximum rated working voltage up to 660V. Direct start and stop of three threephase squirrel cage induction motor with maximum rated working current up to 95A under AC-3 using type, and overload protection is provided for the motor.

### Features

- Frame Size 38 with plastic housing
- Frame Size 18/38/95 with metal housing
- IP54 Protection level
- With HDC3 series contactor and HDR3s series thermal relay


Picture	Rated Operation ( 380/400V )		Type	Ampere Setting (A)	AC Contactor Type HDC3	Thermal Over-load Relay Type HDR3s	Price (Rp)	
	kW	A (AC-3)						
	0,37	9	HDS318B09Q7P16M	0.1~0.16	HDC3-9A	HDR3s-25	995.888	
			HDS318B09Q7P25M	0.16~0.25			994.888	
			HDS318B09Q7P4M	0.25~0.4			990.888	
			HDS318B09Q7P63M	0.4~0.63			989.888	
			HDS318B09Q701M	0.63~1			993.888	
			HDS318B09Q71P6M	1~1.6			986.888	
	0,75	12	HDS318B09Q72P5M	1.6~2.5	HDC3-12A	HDR3s-25	986.888	
	1,5		HDS318B09Q704M	2.5~4			992.888	
	2,2		HDS318B09Q706M	4~6			1.006.888	
	3	18	HDS318B09Q708M	5.5~8	HDC3-18A	HDR3s-38	1.008.888	
	4		HDS318B12Q710M	7~10			1.008.888	
	5,5	25	HDS318B18Q713M	9~13	HDC3-25A	HDR3s-93	1.062.888	
	7,5		HDS338B25Q718M	12~18			1.189.888	
	11	32	HDS338B25Q725M	17~25	HDC3-32A	HDR3s-93	1.192.888	
	15		HDS338B32Q732M	23~32			1.477.888	
	18,5		HDS338B38Q740M	30~40			HDC3-38A	1.496.888
	18,5		HDS395B40Q740	30~40			HDC3-40A	2.578.888
	22		HDS395B50Q750	37~50			HDC3-50A	2.654.888
30	HDS395B65Q765		48~65	HDC3-65A			2.824.888	
37	80	HDS395B80Q780	63~80	HDC3-80A	3.519.888			
45	93	HDS395B95Q793	80~93	HDC3-95A	3.829.888			



## Soft Starters

### HASXS SERIES

- Built-in bypass contactor that can control the starting inrush current of asynchronous motors
- HASXS has 3 starting modes: current-limit, voltage ramp and current limit + voltage ramp.
- Built-in protections include overcurrent, phase loss, short circuit and overheat
- Opto-electronic isolation provides high anti-interference performance
- High performance microprocessor makes it highly reliable

Picture	Input Voltage	Motor Power		Rated Output Current (A)	Type	Price (Rp)
		kW	HP			
	380 - 440VAC	11	15	25	HASXS4T0110G	12.035.888
		15	20	32	HASXS4T0150G	12.489.888
		18,5	25	37	HASXS4T0185G	14.084.888
		22	30	45	HASXS4T0220G	15.512.888
		30	41	60	HASXS4T0300G	16.848.888
		37	50	75	HASXS4T0370G	18.917.888
		45	61	90	HASXS4T0450G	20.850.888
		55	72	110	HASXS4T0550G	23.907.888
		75	102	152	HASXS4T0750G	29.344.888
		93	127	176	HASXS4T0900G	38.730.888
		110	150	210	HASXS4T1100G	41.784.888
		132	180	253	HASXS4T1320G	47.361.888
		160	218	300	HASXS4T1600G	54.664.888
		200	272	380	HASXS4T2000G	70.338.888
		250	340	480	HASXS4T2500G	71.875.888
		320	435	600	HASXS4T3200G	88.461.888
		400	544	750	HASXS4T4000G	151.083.888
450	612	892	HASXS4T4500G	159.446.888		
500	680	930	HASXS4T5000G	183.308.888		
600	816	1100	HASXS4T6000G	229.269.888		

## Variable Speed Drives

### VSD / INVERTER - BASIC SERIES

#### Features

- Small & Simple General Purpose Application
- Economical range, with capacity from 0.4 kW to 15 kW


#### Applications

- Boiler Water Feeder Pump, Carving, Plastic machine, Punching, Grinder, Sand Blasting, etc

rated voltage / frequency	power rating
220V single phase	0.4.....2.2kW
220V three phase	0.7..... 2.2kW
380V-440V three phase	0.75....15kW

rated frequency	allowed voltage range
50/60Hz	AC: 220V (-15%)~240V(+10%)
	AC: 380V (-15%)~440V(+10%)

Picture	Input Voltage	Output Voltage	Power Range (kW)	Type	Price (Rp)
	1 Phase / 220VAC	3 Phase / 220VAC	0,4	HAVBA2S0004G	4.304.888
			0,75	HAVBA2S0007G	4.304.888
			1,5	HAVBA2S0015G	4.743.888
			2,2	HAVBA2S0022G	5.996.888
			0,75	HAVBA4T0007G	4.392.888
	3 Phase /380 VAC	3 Phase /380 VAC	1,5	HAVBA4T0015G	4.647.888
			2,2	HAVBA4T0022G	5.422.888
			3,7	HAVBA4T0040G	6.625.888
			5,5	HAVBA4T0055G	8.884.888
			7,5	HAVBA4T0075G	8.884.888
			11	HAVBA4T0110G	12.230.888
			15	HAVBA4T0150G	12.853.888



### VSD / INVERTER - SMART PUMP SERIES


#### Features






- Multi pump control, with power range from 2.2kW to 160kW

#### Applications

- Water Booster Pump, Irrigation, Sewage, Fountain, Sand Pump, Circulating Pump, Rod Pump, Photovoltaic Pump, etc
- Drying, Ventilation, Scroll Chiller, dust removal, Industrial Fan, Boiler, Hot Surface Treatment, Centrifugal Chiller, Reciprocating Chillers, etc

rated voltage / frequency		power rating
220V single phase		2.2...45kW
380V-440V three phase		2.2...315kW
rated frequency		allowed voltage range
50/60Hz		AC: 220V (-15%)~240V(+10%)
		AC: 380V (-15%)~480V(+10%)

Picture	Input Voltage	Output Voltage	Power Range (kW)	Type	Price (Rp)
	3 Phase / 380-480 VAC	3 Phase / 380-480 VAC	2,2	HAVSP4T0022P	8.340.888
			4	HAVSP4T0040P	8.649.888
			5,5	HAVSP4T0055P	8.750.888
			7,5	HAVSP4T0075P	9.168.888
			11	HAVSP4T0110P	10.809.888
			15	HAVSP4T0150P	12.855.888
			18,5	HAVSP4T0185P	15.260.888
			22	HAVSP4T0220P	18.604.888
			30	HAVSP4T0300P	23.210.888
			37	HAVSP4T0370P	28.359.888
			45	HAVSP4T0450P	34.105.888
			55	HAVSP4T0550P	40.065.888
			75	HAVSP4T0750P	48.620.888
			90	HAVSP4T0900P	57.943.888
			110	HAVSP4T1100P	77.829.888
132	HAVSP4T1320P	87.030.888			
160	HAVSP4T1600P	102.668.888			

Picture	Accessories	Type	Price (Rp)
	Encoder XS series	HAVXSEC	1.148.888
	Profibus-DP communication bus translator	HAVXSDP	13.539.888
	Profinet-Extension communication card for XS series	HAVXSPN	5.310.888
	External display for XS series	HAVXSLKD	798.888
	External display tray for XS & SP series	HAVXSJPT	438.888



**VSD / INVERTER - EXPERT STANDARD SERIES**

**Features**

- Communication function : Profinet, Profibus DP, Bacnet IP (additional Communication card)
- Built in PLC : Multistage speed control for up to 16 stages. Frequency, time, timer unit and direction for each stage can be set individually
- PID with sleep mode : Water supply PID adjustment
- FVC closed loop vector control : Can be used for torque control with encoder
- Main + auxiliary frequency set : Receives the frequency in any state, such as I/O, simple PLC, PI closed loop, multi-speed state. It uses auxiliary frequency for super precise speed.

**Applications**

- Metal working, hoister, sewing machine, textile machine, material handling, process machine
- Petrochemical, wood machine, mining, iron & metal machine, paper mill & pulp pump, fire patrol pump, any industrial machine
- Packaging machine, air compressor, material working machine, construction elevator

rated voltage / frequency	power rating
220V single phase	0.7.....2.2kW
220V three phase	0.7.....160kW
380V-440V three phase	0.7.....850kW

rated frequency	allowed voltage range
50/60Hz	AC: 220V (-15%)~240V(+10%)
	AC: 380V (-15%)~440V(+10%)

Picture	Input Voltage	Output Voltage	Power Range (kW)	Type	Price (Rp)
	3 Phase / 220VAC	3 Phase / 220VAC	0,75	HAVXS2T0007G	10.820.888
			1,5	HAVXS2T0015G	11.278.888
			2,2	HAVXS2T0022G	11.278.888
			3,7	HAVXS2T0040G	14.536.888
			5,5	HAVXS2T0055G	14.965.888
			7,5	HAVXS2T0075G	17.624.888
			11	HAVXS2T0110G	23.455.888
			15	HAVXS2T0150G	26.657.888



**VSD / INVERTER - EXPERT STANDARD SERIES**

	3 Phase / 380VAC	3 Phase / 380VAC	0,75	HAVXS4T0007G	6.817.888
			1,5	HAVXS4T0015G	7.897.888
			2,2	HAVXS4T0022G	7.947.888
			3,7	HAVXS4T0040G0055P	8.188.888
			5,5	HAVXS4T0055G0075P	10.042.888
			7,5	HAVXS4T0075G0110P	10.862.888
			11	HAVXS4T0110G0150P	13.325.888
			15	HAVXS4T0150G0185P	16.851.888
			18,5	HAVXS4T0185G0220P	24.103.888
			22	HAVXS4T0220G0300P	29.955.888
			30	HAVXS4T0300G0370P	36.174.888
			37	HAVXS4T0370G0450P	42.791.888
			45	HAVXS4T0450G0550P	50.706.888
			55	HAVXS4T0550G0750P	60.313.888
			75	HAVXS4T0750G0900P	77.915.888
			90	HAVXS4T0900G1100P	92.849.888
			110	HAVXS4T1100G1320P	98.379.888
			132	HAVXS4T1320G1600P	111.272.888
			160	HAVXS4T1600G1850P	184.065.888
			185	HAVXS4T1850G2000P	190.004.888
			200	HAVXS4T2000G2200P	196.337.888
			220	HAVXS4T2200G2500P	224.967.888
			250	HAVXS4T2500G2800P	259.054.888
			280	HAVXS4T2800G3150P	276.324.888
			315	HAVXS4T3150G3550P	394.017.888
			355	HAVXS4T3550G4000P	410.731.888
			400	HAVXS4T4000G4500P	449.640.888
			450	HAVXS4T4500G5000P	478.743.888
500	HAVXS4T5000G5600P	675.883.888			
560	HAVXS4T5600G6300P	772.469.888			
630	HAVXS4T6300G7100P	915.150.888			
710	HAVXS4T7100G8500P	1.356.513.888			
850	HAVXS4T8500G	1.439.921.888			

Picture	Accessories	Type	Price (Rp)
	ALL range of Smart Pump VSD	HAVSPIO4DI8R	1.468.888
	External LCD display for SP series	HAVSPLCD	1.570.888
	External display tray for XS & SP series	HAVXSJPT	438.888



**VSD / INVERTER - SOLAR SERIES**

**Features**

- Built-in adaptive high-precision photovoltaic array MPPT algorithm, accuracy more than 99%
- Dry run operation mode. If water pressure is low, Solar VSD reduces the frequency or stops by itself
- Utmost water flow output, irrespective of the environment
- Compatible with both AC and DC power input
- LED displays the real-time system status and parameters
- The soft-start of the motor avoids the water hammer effect and improves system service life
- Built-in comprehensive protection and diagnosis mechanism
- Support more affordable offer – P type drive

Picture	Input Voltage	Output Voltage	Reference	Motor Power (KW)	Rated Input Current (A)	Continuous Output Current (A)	Price
	AC:220V (±15%) Single Phase	AC:220V (±15%) Single Phase	HAVSO2S0007GSM	0,75	15,7	7	5.767.888
			HAVSO2S0015GSM	1,5	27	10	5.774.888
			HAVSO2S0022GSM	2,2	29,4	14	9.162.888
			HAVSO2S0040GSM	4	32,8	17	10.064.888
		AC:220V (±15%) Three Phase	HAVSO2S0007G	0,75	9,5	5	4.145.888
			HAVSO2S0015G	1,5	15,7	7	4.843.888
			HAVSO2S0022G	2,2	27	10	5.599.888
			HAVSO2S0040G	4	32,8	17	10.263.888
	AC:380V (±15%) Three Phase DC:250V-800V	AC:380V (±15%) Three Phase DC:250V-800V	HAVSO4T0007G	0,75	3,4	3	5.566.888
			HAVSO4T0015G	1,5	5	4,5	5.680.888
			HAVSO4T0022G	2,2	6,8	6	5.817.888
			HAVSO4T0040G	4	10,5	9,5	6.879.888
			HAVSO4T0055G	5,5	15,5	13	9.148.888
			HAVSO4T0075G	7,5	20,5	17	9.889.888
			HAVSO4T0110G	11	26	25	13.554.888
			HAVSO4T0150G	15	35	32	14.849.888
			HAVSO4T0185G	18,5	38,5	37	18.790.888
			HAVSO4T0220G	22	46,5	45	20.143.888
			HAVSO4T0300G	30	62	60	32.868.888
HAVSO4T0370G	37	76	75	38.613.888			
HAVSO4T0450G	45	92	90	47.760.888			
HAVSO4T0550G	55	113	110	52.166.888			
HAVSO4T0750G	75	157	152	59.555.888			
HAVSO4T0900G	90	180	176	77.763.888			
HAVSO4T1100G	110	214	210	85.486.888			
HAVSO4T1320G	132	256	253	102.705.888			
HAVSO4T1600G	160	305	300	141.492.888			



**EMC FILTER**

**Features**

- This product has good interference suppression capacity
- Prevent the electromagnetic interference generated by the device itself from entering the power line, and at the same time prevent the interference generated by the power line from entering the equipment.

**Specification**

- Rated voltage: 230V/400V
- Operating frequency: 50/60Hz
- Insulation resistance: line to ground: 300A and below:  $\geq 1500\text{MQ}$
- Line to ground: 1500VAC/2500VDC

**Applications**

- Power line filters are required for devices that can generate strong interference and for devices that are sensitive to external interference.

**NOTES:**

Pre-Order, delivery time 60 days upon Purchasing Order, contact the sales

Picture	Reference	Power (KW)	Ampere (A)	Applicable for			Price (Rp)
				Basic	Expert Standard	Smart Pump	
	HAVRFI3C01002D	0,75	10	HAVBA2S0007G	HAVXS2S0007G	—	884.888
		1,5	10	HAVBA2S0015G	HAVXS2S0015G	—	
	HAVRFI3C02002D	2,2	20	HAVBA2S0022G	HAVXS2S0022G	—	884.888
	HAVRFI3C005	0,75	5	HAVBA4T0007G	HAVXS4T0007G	—	2.061.888
		1,5	5	HAVBA4T0015G	HAVXS4T0015G	—	
	HAVRFI3C007	2,2	7	HAVBA4T0022G	HAVXS4T0022G	HAVSP4T0022P	2.150.888
	HAVRFI3C010	3	10	HAVBA4T0030G	—	HAVSP4T0030P	2.342.888
		4	10	HAVBA4T0040G	HAVXS4T0040G0055P	HAVSP4T0040P	
	HAVRFI3C015	5,5	15	HAVBA4T0055G	HAVXS4T0055G0075P	HAVSP4T0055P	3.753.888
	HAVRFI3C020	7,5	20	HAVBA4T0075G	HAVXS4T0075G0110P	HAVSP4T0075P	3.839.888
	HAVRFI3C030	11	30	HAVBA4T0110G	HAVXS4T0110G0150P	HAVSP4T0110P	4.879.888
	HAVRFI3C040	15	40	HAVBA4T0150G	HAVXS4T0150G0185P	HAVSP4T0150P	5.254.888
	HAVRFI3C050	18,5	50	—	HAVXS4T0185G0220P	HAVSP4T0185P	6.380.888
	HAVRFI3C060	22	60	—	HAVXS4T0220G0300P	HAVSP4T0220P	6.567.888
	HAVRFI3C080	30	80	—	HAVXS4T0300G0370P	HAVSP4T0300P	6.755.888
	HAVRFI3C090	37	90	—	HAVXS4T0370G0450P	HAVSP4T0370P	7.130.888
	HAVRFI3C120	45	120	—	HAVXS4T0450G0550P	HAVSP4T0450P	8.660.888
	HAVRFI3C150	55	150	—	HAVXS4T0550G0750P	HAVSP4T0550P	12.761.888
	HAVRFI3C200	75	200	—	HAVXS4T0750G0900P	HAVSP4T0750P	13.136.888
	HAVRFI3C250	90	250	—	HAVXS4T0900G1100P	HAVSP4T0900P	13.887.888
		110	250	—	HAVXS4T1100G1320P	HAVSP4T1100P	
	HAVRFI3C290	132	290	—	HAVXS4T1320G1600P	HAVSP4T1320P	16.138.888
	HAVRFI3C330	160	330	—	HAVXS4T1600G1850P	HAVSP4T1600P	16.889.888
	HAVRFI3C390	185	390	—	HAVXS4T1850G2000P	—	21.018.888
HAVRFI3C490	200	490	—	HAVXS4T2000G2200P	—	21.581.888	
	220	490	—	HAVXS4T2200G2500P	—		
HAVRFI3C530	250	530	—	HAVXS4T2500G2800P	—	23.645.888	
HAVRFI3C600	280	600	—	HAVXS4T2800G3150P	—	28.149.888	
HAVRFI3C660	315	660	—	HAVXS4T3150G3550P	—	28.149.888	



### AC OUTPUT REACTOR

#### Features

- Limit the capacitive charging current of the connecting cable between the VSD and the motor and to passivate the voltage rise rate of the PWM wave output by the VSD.

#### Applications


- Limit dv/dt to 500V/us
- Limit the overvoltage on the motor terminals to: 1000V to 400V~ (rms value), 1150V to 460V~(rms value)
- Filter interference caused by opening the contactor between the filter and the motor
- Reduce the ground leakage current motor

#### Specifications

- Rated voltage: 230V/400V
- Operating frequency: 50/60Hz
- Insulation class: class F, H
- Protection grade: IP00-IP22
- Voltage drop: <4%, if larger than this range, torque loss will occur
- Max. current: 1.5xrated current, continued for 60s
- Temperature rise: ≤85K
- Insulation resistance: 1000VDC

#### NOTES:

Pre-Order, delivery time 60 days upon Purchasing Order, contact the sales

Picture	Reference	Power (KW)	Rated Current (A)	Inductance (mh)	Applicable for			Price (Rp)
					Basic	Expert Standard	Smart Pump	
	HAVOCL00054SC	0,75	5	1,4	HAVBA4T0007G	HAVXS4T0007G	—	2.018.888
		1,5			HAVBA4T0015G	HAVXS4T0015G	—	
	HAVOCL00074SC	2,2	7	1	HAVBA4T0022G	HAVXS4T0022G	HAVSP4T0022P	2.327.888
	HAVOCL00104SC	3	10	0,7	HAVBA4T0030G	—	HAVSP4T0030P	2.813.888
		4			HAVBA4T0040G	HAVXS4T0040G0055P	HAVSP4T0040P	
	HAVOCL00154SC	5,5	15	0,47	HAVBA4T0055G	HAVXS4T0055G0075P	HAVSP4T0055P	3.079.888
	HAVOCL00204SC	7,5	20	0,35	HAVBA4T0075G	HAVXS4T0075G0110P	HAVSP4T0075P	3.343.888
	HAVOCL00304SA	11	30	0,23	HAVBA4T0110G	HAVXS4T0110G0150P	HAVSP4T0110P	4.036.888
	HAVOCL00404SA	15	40	0,18	HAVBA4T0150G	HAVXS4T0150G0185P	HAVSP4T0150P	4.242.888
	HAVACL00504SA	18,5	50	0,14	—	HAVXS4T0185G0220P	HAVSP4T0185P	4.669.888
	HAVOCL00604SA	22	60	0,12	—	HAVXS4T0220G0300P	HAVSP4T0220P	5.730.888
	HAVOCL00804SA	30	80	0,087	—	HAVXS4T0300G0370P	HAVSP4T0300P	6.363.888
	HAVOCL00904SA	37	90	0,078	—	HAVXS4T0370G0450P	HAVSP4T0370P	6.893.888
	HAVOCL01204SA	45	120	0,058	—	HAVXS4T0450G0550P	HAVSP4T0450P	10.605.888
	HAVOCL01504SA	55	150	0,047	—	HAVXS4T0550G0750P	HAVSP4T0550P	12.300.888
	HAVOCL02004SA	75	200	0,028	—	HAVXS4T0750G0900P	HAVSP4T0750P	13.257.888
	HAVOCL02504SA	90	250	0,028	—	HAVXS4T0900G1100P	HAVSP4T0900P	13.684.888
		110			—	HAVXS4T1100G1320P	HAVSP4T1100P	
	HAVOCL02904SA	132	290	0,024	—	HAVXS4T1320G1600P	HAVSP4T1320P	17.927.888
	HAVOCL03304SA	160	330	0,021	—	HAVXS4T1600G1850P	HAVSP4T1600P	18.029.888
	HAVOCL03904SA	185	390	0,018	—	HAVXS4T1850G2000P	—	19.355.888
	HAVOCL04904SA	200	490	0,014	—	HAVXS4T2000G2200P	—	26.514.888
		220			—	HAVXS4T2200G2500P	—	
	HAVOCL06004SA	250	600	0,012	—	HAVXS4T2500G2800P	—	29.930.888
		280			—	HAVXS4T2800G3150P	—	
	HAVOCL06604SA	315	660	0,011	—	HAVXS4T3150G3550P	—	28.635.888
	HAVOCL08004SA	355	800	0,0087	—	HAVXS4T3550G4000P	—	37.119.888
		400			—	HAVXS4T4000G4500P	—	
HAVOCL10004SA	450	1000	0,007	—	HAVXS4T4500G5000P	—	42.598.888	
HAVOCL12004SA	500	1200	0,0058	—	HAVXS4T5000G5600P	—	56.209.888	
HAVOCL16004SA	560	1600	0,0043	—	HAVXS4T5600G6300P	—	61.513.888	
	630			—	HAVXS4T6300G7100	—		



### AC INPUT REACTOR

#### Features

- Provide improved overload protection to line power
- Reduce current harmonic distortion generated by the VSD
- Improve the power factor of the input power supply
- Suppress the surge of the VSD on the power supply equipment


#### Specifications

- Rated voltage: 230V/400V
- Operating frequency: 50/60Hz
- Max. current: 1.5xrated current, continued for 60s
- Protection grade: IP00-IP22
- Temperature rise: ≤85K

**NOTES:**  
**Pre-Order, delivery time 60 days upon Purchasing Order, contact the sales**

#### Applications

- Several converters are connected in parallel and tightly
- The line power supply has obvious disturbances (interference, overvoltage) from other equipment
- There is a voltage imbalance between the phases of the line power supply, and it exceeds 1.8% of the rated voltage
- A large number of frequency converters installed on the same line
- Reduce the overload on the COS $\phi$  correction capacitor if the device contains a power coefficients correction equipment
- The power supply capacity is 600 kVA and above, and the converter is installed within 10 m from the large-capacity power supply
- The converter is powered by a line with very low impedance (the transformer capacity is 10 times higher than the rated value of the converter)

Picture	Reference	Power (KW)	Rated Current (A)	Inductance (mh)	Applicable for			Price (Rp)
					Basic	Expert Standard	Smart Pump	
	HAVACL00054SC	0,75	5	2,8	HAVBA4T0007G	HAVXS4T0007G	—	1.915.888
		1,5			HAVBA4T0015G	HAVXS4T0015G	—	
	HAVACL00074SC	2,2	7	2	HAVBA4T0022G	HAVXS4T0022G	HAVSP4T0022P	2.121.888
	HAVACL00104SC	3	10	1,4	HAVBA4T0030G	—	HAVSP4T0030P	2.548.888
		4			HAVBA4T0040G	HAVXS4T0040G0055P	HAVSP4T0040P	
	HAVACL00154SC	5,5	15	0,94	HAVBA4T0055G	HAVXS4T0055G0075P	HAVSP4T0055P	2.754.888
	HAVACL00204SC	7,5	20	0,7	HAVBA4T0075G	HAVXS4T0075G0110P	HAVSP4T0075P	3.079.888
	HAVACL00304SA	11	30	0,47	HAVBA4T0110G	HAVXS4T0110G0150P	HAVSP4T0110P	3.388.888
	HAVACL00404SA	15	40	0,36	HAVBA4T0150G	HAVXS4T0150G0185P	HAVSP4T0150P	3.815.888
	HAVACL00504SA	18,5	50	0,28	—	HAVXS4T0185G0220P	HAVSP4T0185P	4.242.888
	HAVACL00604SA	22	60	0,24	—	HAVXS4T0220G0300P	HAVSP4T0220P	4.772.888
	HAVACL00804SA	30	80	0,18	—	HAVXS4T0300G0370P	HAVSP4T0300P	5.936.888
	HAVACL00904SA	37	90	0,156	—	HAVXS4T0370G0450P	HAVSP4T0370P	6.157.888
	HAVACL01204SA	45	120	0,117	—	HAVXS4T0450G0550P	HAVSP4T0450P	10.075.888
	HAVACL01504SA	55	150	0,094	—	HAVXS4T0550G0750P	HAVSP4T0550P	10.605.888
	HAVACL02004SA	75	200	0,07	—	HAVXS4T0750G0900P	HAVSP4T0750P	12.300.888
	HAVACL02504SA	90	250	0,056	—	HAVXS4T0900G1100P	HAVSP4T0900P	12.520.888
		110			—	HAVXS4T1100G1320P	HAVSP4T1100P	
	HAVACL02904SA	132	290	0,048	—	HAVXS4T1320G1600P	HAVSP4T1320P	16.588.888
	HAVACL03304SA	160	330	0,042	—	HAVXS4T1600G1850P	HAVSP4T1600P	15.702.888
	HAVACL03904SA	185	390	0,036	—	HAVXS4T1850G2000P	—	17.396.888
	HAVACL04904SA	200	490	0,028	—	HAVXS4T2000G2200P	—	22.905.888
		220			—	HAVXS4T2200G2500P	—	
	HAVACL06004SA	250	600	0,024	—	HAVXS4T2500G2800P	—	26.514.888
		280			—	HAVXS4T2800G3150P	—	
	HAVACL06604SA	315	660	0,022	—	HAVXS4T3150G3550P	—	27.147.888
	HAVACL08004SA	355	800	0,0175	—	HAVXS4T3550G4000P	—	35.632.888
		400			—	HAVXS4T4000G4500P	—	
HAVACL10004SA	450	1000	0,014	—	HAVXS4T4500G5000P	—	36.059.888	
HAVACL12004SA	500	1200	0,0117	—	HAVXS4T5000G5600P	—	49.846.888	
HAVACL16004SA	560	1600	0,0086	—	HAVXS4T5600G6300P	—	53.028.888	
	630			—	HAVXS4T6300G7100	—		



**Specification**

Items		Specification
POWER SUPPLY	Grid voltage	3-phase 380V
	Grid frequency	45 - 65Hz
CONTROL	Brake mode	Auto voltage traction
	Response time	Within 1mS, with multiple noise filtering algorithms
	Action voltage	Parameter is settable
	Hysteresis voltage	Below 20V
	Protection function	Overheat and overcurrent
	Overheat protection	80°C
	Output port	1 port, fault output, the normally opening/closing is set via parameter
DISPLAY & SETTING	Status indication	Support voltage grade indication and working indication; Controlled via operation panel, including power indication, fault indication and brake status indication
	Running monitoring	Monitor DC busbar voltage, fault record and running time through panel control
	Set action voltage	Support direct setting via operation panel
ENVIRONMENT	Installation place	Indoor, altitude not above 1000m, be free from direct sunlight, conductive dust and corrosive gas
	Ambient temperature	-10°C–40°C, well-ventilated
	Ambient humidity	Below 90%RH (no condensing)
	Vibration degree	Below 0.5g

Model	Rated Current	Peak Current	Adaptive Inverter	Min Resistance	Recommended Adaptive Resistance	Adaptive Power
HAV BR 50	15A	50A	15 kW	15Ω	40Ω	2500
			18 kW		30Ω	4000
			22 kW		20Ω	4000
			30 kW		20Ω	6000
HAV BR 100	30A	100A	37 kW	7Ω	16Ω	9000
			45 kW		13.6Ω	9000
			55 kW		20Ω/2	12000
HAV BR 200	100A	300A	75 kW	2.5Ω	13.6Ω/2	18000
			93 kW		20Ω/3	18000
			110 kW		20Ω/3	18000
			132 kW		20Ω/4	24000
HAV BR 400	150A	450A	160 kW	1.7Ω	13.6Ω/4	36000
			185 kW		13.6Ω/5	45000
			200 kW		13.6Ω/5	45000
			220 kW		13.6Ω/6	54000
			250 kW		13.6Ω/6	54000
			280 kW		13.6Ω/6	54000
			315 kW		13.6Ω/6	54000
HAV BR 600	200A	650A	355 kW	1.2Ω	13.6Ω/7	63000
			375 kW		13.6Ω/7	63000
			400 kW		13.6Ω/8	72000
			500 kW		13.6Ω/9	81000

Picture	Reference	Description	Price (Rp)
	HAVBR50	Braking unit for 400V 15-30kW VSD	6.166.888
	HAVBR100	Braking unit for 400V 37-55kW VSD	8.231.888
	HAVBR200	Braking unit for 400V 75-132kW VSD	28.825.888
	HAVBR400	Braking unit for 400V 160-315kW VSD	41.171.888
	HAVBR600	Braking unit for 400V 355-500kW VSD	53.534.888



### VSD DV/DT FILTER

#### Features

- When the DV/DT filter is used, the voltage at the motor end is still a pulse voltage, but the energy rise time will be reduced, greatly reducing the insulation pressure on the motor to prevent the motor insulation from breakdown.

#### Applications


- DV/DT filter is designed to protect the motor. DV/DT filter is required to prevent the destructive effect on the peak voltage of motor.
- When the wire connecting drive to motor is greater than 100m and less than 300m, you had better add DV/DT filter.

#### Specification

- Rated voltage: 400V
- Operating frequency: 50/60Hz
- Insulation class: class F, H
- Max. current: 1.5xrated current, continued for 60s
- Protection grade: IP00-IP22

#### NOTES:

Pre-Order, delivery time 60 days upon Purchasing Order, contact the sales

Picture	Reference	Power (KW)	Ampere (A)	Applicable for			Price (Rp)
				Basic	Expert Standard	Smart Pump	
	HAVVTR00054SC	0,75	5	HAVBA4T0007G	HAVXS4T0007G	—	6.363.888
		1,5		HAVBA4T0015G	HAVXS4T0015G	—	
	HAVVTR00074SC	2,2	7	HAVBA4T0022G	HAVXS4T0022G	HAVSP4T0022P	6.893.888
	HAVVTR00104SC	3	10	HAVBA4T0030G	—	HAVSP4T0030P	7.689.888
		4		HAVBA4T0040G	HAVXS4T0040G0055P	HAVSP4T0040P	
	HAVVTR00154SC	5,5	15	HAVBA4T0055G	HAVXS4T0055G0075P	HAVSP4T0055P	8.484.888
	HAVVTR00204SC	7,5	20	HAVBA4T0075G	HAVXS4T0075G0110P	HAVSP4T0075P	9.810.888
	HAVVTR00304SC	11	30	HAVBA4T0110G	HAVXS4T0110G0150P	HAVSP4T0110P	11.136.888
	HAVVTR00404SC	15	40	HAVBA4T0150G	HAVXS4T0150G0185P	HAVSP4T0150P	12.196.888
	HAVVTR00504SC	18,5	50	—	HAVXS4T0185G0220P	HAVSP4T0185P	13.787.888
	HAVVTR00604SC	22	60	—	HAVXS4T0220G0300P	HAVSP4T0220P	14.582.888
	HAVVTR00804SC	30	80	—	HAVXS4T0300G0370P	HAVSP4T0300P	15.908.888
	HAVVTR00904SC	37	90	—	HAVXS4T0370G0450P	HAVSP4T0370P	16.438.888
	HAVVTR01204SA	45	120	—	HAVXS4T0450G0550P	HAVSP4T0450P	19.090.888
	HAVVTR01504SA	55	150	—	HAVXS4T0550G0750P	HAVSP4T0550P	20.680.888
	HAVVTR02004SA	75	200	—	HAVXS4T0750G0900P	HAVSP4T0750P	29.165.888
		90		—	HAVXS4T0900G1100P	HAVSP4T0900P	
	HAVVTR02504SA	110	250	—	HAVXS4T1100G1320P	HAVSP4T1100P	31.816.888
		132		—	HAVXS4T1320G1600P	HAVSP4T1320P	
	HAVVTR02904SA	160	330	—	HAVXS4T1600G1850P	HAVSP4T1600P	34.468.888
HAVVTR03304SA	185	390	—	HAVXS4T1850G2000P	—	42.422.888	
HAVVTR04904SA	200	490	—	HAVXS4T2000G2200P	—	50.377.888	
	220		—	HAVXS4T2200G2500P	—		
HAVVTR06004SA	250	600	—	HAVXS4T2500G2800P	—	63.633.888	
	280		—	HAVXS4T2800G3150P	—		
HAVVTR06604SA	315	660	—	HAVXS4T3150G3550P	—	64.959.888	
HAVVTR08004SA	355	800	—	HAVXS4T3550G4000P	—	74.239.888	
	400		—	HAVXS4T4000G4500P	—		



**VSD PASSIVE FILTER**

**Features**

- When connected to the front end of the VSD, the total harmonic current after filtering by the passive filter is less than 10% of the fundamental current at full load
- The efficiency is greater than 98%, the power can reach 250KW, and the passive harmonic

**Applications**


- Passive filter is used when you have requirements for THDi. It can decrease the harmonic.

**NOTES:**

Pre-Order, delivery time 60 days upon Purchasing Order, contact the sales

**Specification**

- Rated voltage: 400V
- Operating frequency: 50Hz
- Overload capacity: 1.6 times, 60s
- Full load efficiency: more than 98%
- Cooling mode: AN AF
- Harmonic filtering effect: the total harmonic current distortion rate THDi<10% at the input of the filter under full load conditions (background voltage THDu <2%)
- No-load current: less than 25% of rated current

Picture	Reference	Power (KW)	Rated Current (A)	Harmonic Current < 10%	Applicable for			Price (Rp)
					Basic	Expert Standard	Smart Pump	
	HAVHFL0015KWA10	1,5	5	10%	HAVBA4T0015G	HAVXS4T0015G	—	34.181.888
	HAVHFL0022KWA10	2,2	7	10%	HAVBA4T0022G	HAVXS4T0022G	HAVSP4T0022P	35.157.888
	HAVHFL0037KWA10	3	8	10%	HAVBA4T0030G	—	HAVSP4T0030P	32.406.888
	HAVHFL0037KWA10	4	8	10%	HAVBA4T0040G	HAVXS4T0040G0055P	HAVSP4T0040P	32.406.888
	HAVHFL0055KWA10	5,5	12	10%	HAVBA4T0055G	HAVXS4T0055G0075P	HAVSP4T0055P	37.708.888
	HAVHFL0075KWA10	7,5	15	10%	HAVBA4T0075G	HAVXS4T0075G0110P	HAVSP4T0075P	39.182.888
	HAVHFL0110KWA10	11	25	10%	HAVBA4T0110G	HAVXS4T0110G0150P	HAVSP4T0110P	48.609.888
	HAVHFL0150KWA10	15	30	10%	HAVBA4T0150G	HAVXS4T0150G0185P	HAVSP4T0150P	50.081.888
	HAVHFL0185KWA10	18,5	40	10%	—	HAVXS4T0185G0220P	HAVSP4T0185P	65.106.888
	HAVHFL0220KWA10	22	50	10%	—	HAVXS4T0220G0300P	HAVSP4T0220P	62.455.888
	HAVHFL0300KWA10	30	60	10%	—	HAVXS4T0300G0370P	HAVSP4T0300P	73.650.888
	HAVHFL0370KWA10	37	75	10%	—	HAVXS4T0370G0450P	HAVSP4T0370P	86.266.888
	HAVHFL0450KWA10	45	90	10%	—	HAVXS4T0450G0550P	HAVSP4T0450P	92.798.888
	HAVHFL0550KWA10	55	110	10%	—	HAVXS4T0550G0750P	HAVSP4T0550P	109.053.888
	HAVHFL0750KWA10	75	160	10%	—	HAVXS4T0750G0900P	HAVSP4T0750P	138.462.888
	HAVHFL0900KWA10	90	180	10%	—	HAVXS4T0900G1100P	HAVSP4T0900P	141.408.888
	HAVHFL1100KWA10	110	220	10%	—	HAVXS4T1100G1320P	HAVSP4T1100P	150.246.888
	HAVHFL1320KWA10	132	260	10%	—	HAVXS4T1320G1600P	HAVSP4T1320P	189.857.888
	HAVHFL1600KWA10	160	330	10%	—	HAVXS4T1600G1850P	HAVSP4T1600P	231.128.888
	HAVHFL1850KWA10	185	390	10%	—	HAVXS4T1850G2000P	—	237.639.888
HAVHFL2000KWA10	200	400	10%	—	HAVXS4T2000G2200P	—	260.426.888	
HAVHFL2200KWA10	220	450	10%	—	HAVXS4T2200G2500P	—	263.681.888	
HAVHFL2500KWA10	250	500	10%	—	HAVXS4T2500G2800P	—	273.448.888	


## MOTOR MANAGEMENT


### Smart Relay

#### HAP SERIES

##### Features

- Flexible pluggable terminal configuration
- Graphical display, visual image, user friendly menu
- Larger program and storage capacity
- 7 expansion modules
- Multiple communications
- More economical with DC 24V output, do not need additional power supply
- Type C can support download program and upgrade firmware
- Consistent product updates

Picture	Reference	Input Voltage	UI (DI or AI)	Digital Input	Digital Output	Analog Output	Communication	Extension	Display	Price (Rp)
 <p>MAIN MODULE</p>	HAPSR1AC12	220 VAC	—	8	4 (Relay)	—	1xRS485	No	No	2.201.888
	HAPSR1AC24	220 VAC	—	16	8 (Relay)	—	1xRS485	No	No	2.935.888
	HAPSR1DC12	24 VDC	—	8	4 (Relay)	—	1xRS485	No	No	2.201.888
	HAPSR1DC12A	24 VDC	—	6	4 (Relay)	2	1xRS485	No	No	2.641.888
	HAPSR1DC24	24 VDC	—	16	8 (Relay)	—	1xRS485	No	No	2.935.888
	HAPSR1DC24A	24 VDC	—	12	8 (Relay)	4	1xRS485	No	No	4.108.888
	HAPSR2AC12	220 VAC	—	8	4 (Relay)	—	1xRS485,1xRJ45 (Ethernet)	Yes	Yes	3.155.888
	HAPSR2DC12A	24 VDC	—	6	4 (Relay)	2	1xRS485,1xRJ45 (Ethernet)	Yes	Yes	3.374.888
	HAPSR2DC12U	24 VDC	8	—	2Relay & 2 transistor	—	1xRS485,1xRJ45 (Ethernet)	Yes	Yes	3.522.888


Picture	Reference	Input Voltage	Digital Input	Digital Output	Analog Input	Analog Output	Price (Rp)
 <p>EXTENSION MODULE</p>	HAPSREAM08	24	—	—	4	4	4.402.888
	HAPSREDM08	24	4	4 (Relay)	—	—	2.054.888
	HAPSREDM08AC	230	4	4 (Relay)	—	—	2.054.888
	HAPSREDM08T	24	4	4 (Relay)	—	—	1.907.888
	HAPSREDM16	24	8	8 (Relay)	—	—	2.641.888
	HAPSREMIODC10	24	4	2 (Relay)	2	2	2.935.888

## HMI

### HUMAN MACHINE INTERFACE

##### Features

- ARM infrastructure
- CE Certified
- Sealed housing
- High resolution wide screen
- Data storage
- Promptness

Picture	Reference	Description	Price (Rp)
	HAHG070E	7-inch touch screen	5.550.888
	HAHG101E	10.1-inch touch screen	8.675.888


# MOTOR MANAGEMENT


## PLC




### HAP SERIES

#### Features

- High performance and smart connection PLC
- Large Data Space
- High Degree of integration
- Fast processing speed
- Rich command
- Large user programme space
- Super System Expansion
- Online maintenance, convenient and quick
- Ethernet Communication
- Strong communication capability

Picture	Product	Reference	Input Voltage	Digital Input	Digital Output	Type	Price (Rp)
	CPU	HAP2261AD460X24	24 VDC	14	10	Transistor	5.696.888
		HAP2261BD460X24	220 VAC	14	10	Relay	5.696.888
		HAP2262AD460X40	24 VDC	24	16	Transistor	8.235.888
		HAP2262BD460X40	220 VAC	24	16	Relay	8.235.888
		HAP2261AH462B24	24 VDC	14	19	Transistor	9.147.888

Picture	Product	Reference	Digital Input	Digital Output	Analog Input	Analog Output	Price (Rp)
	Signal Module	HAPSM2211BF32	8	—	—	—	2.832.888
		HAPSM2211BH32	16	—	—	—	3.841.888
		HAPSM2211BL32	32	—	—	—	6.493.888
		HAPSM2221BF32	—	8 (Transistor)	—	—	3.011.888
		HAPSM2221BH32	—	16 (Transistor)	—	—	4.004.888
		HAPSM2221BL32	—	32 (Transistor)	—	—	6.983.888
		HAPSM2221HF32	—	8 (Relay)	—	—	3.173.888
		HAPSM2221HH32	—	16 (Relay)	—	—	4.329.888
		HAPSM2231BF32	4	4 (Transistor)	—	—	3.011.888
		HAPSM2231BH32	8	8 (Transistor)	—	—	4.166.888
		HAPSM2231BL32	16	16 (Transistor)	—	—	7.650.888
		HAPSM2231HF32	4	4 (Relay)	—	—	3.011.888
		HAPSM2231PH32	8	8 (Relay)	—	—	4.492.888
		HAPSM2231PL32	16	16 (Relay)	—	—	7.991.888
		HAPSM2310HC32	—	—	4	—	5.875.888
		HAPSM2320HB32	—	—	—	2	5.322.888
		HAPSM2320HD32	—	—	—	4	9.733.888
HAPSM2350KD32	—	—	—	4	6.966.888		

Picture	Product	Reference	Description	Price (Rp)
	Thermocouple & RTD Module	HAPSM2317TD32	Thermocouple PID Module point	9.472.888
		HAPSM2317TF32	Thermocouple PID Module 8 point	14.127.888
		HAPSM2317PB32	2 RTD point input module	6.983.888
		HAPSM2317PC32	4 RTD point input module	11.637.888
		HAPSM2317PD32	4TC input module	9.651.888
	Expansion Board	HAPAMS03S1EB	2 Analog Input 1 Analog output expansion board	3.336.888
		HAPAMS06S1EB	4 Analog Input 2 Analog output expansion board (Voltage)	3.662.888
		HAPAMS06S2EB	4 Analog Input 2 Analog output expansion board (Input)	3.662.888
	Accessories	HAP291MC064	Memory card 64K	406.888
		HAP291MC256	Memory card 256K	814.888
		HAP2918BA33	Battery Card 200 Days	651.888
		HAP291PC002	PLC Programming card 4 M	1.139.888
		HAP291USB30	PLC Programming cable	976.888
		HAP291TPC11	Communication cable	325.888

## VOLTAGE STABILIZER

# Automatic Voltage Regulator



- Servo motor type
- High accuracy, full automatic
- With Fan & Digital display
- Three phase model capacity up to 9kVA with by-pass protection
- Rated capacity Single Phase 0.5~30kVA  
Three Phase 6~2000kVA
- Efficiency : Up to 92%

Picture	Model	Input Voltage Range	Output Voltage Range	Connection	Capacity (KVA)	Type	Price (Rp)
	Single Phase Voltage Stabiliser	100 - 240VAC	220VAC ± 4%	Universal-Socket	0,5	HTNDP5HE220E	1.929.888
				Universal-Socket	1	HTND1HEI100E	2.948.888
				Universal-Socket	1,5	HTND1P5HEI100E	3.335.888
				Terminal	2	HTND2HI100E	3.846.888
				Terminal	3	HTND3HI100E	5.450.888
				Terminal	5	HTND5HI100EWF	7.080.888
				Terminal	7	HTND7HI100EWF	11.035.888
				Terminal	10	HTND10HI100EWF	12.489.888
				Terminal	15	HTND15GHI100EWF	21.092.888
				Terminal	20	HTND20GHI100EWF	27.669.888
	Three Phase Voltage Stabiliser	250 - 423 VAC	380VAC ± 4%	Terminal	6	HSJW6GEI250WFVTC	16.224.888
				Terminal	9	HSJW9GEWF	17.803.888
				Terminal	15	HSJW15GEI250FVTC	28.846.888
				Terminal	20	HSJW20GEI250FVTC	36.880.888
				Terminal	30	HSJW30GEI250FVTC	44.114.888
				Terminal	45	HSJW45GEI250FVTC	62.478.888
				Terminal	60	HSJW60GEI250FVTC	70.583.888
	Three phase Voltage Stabiliser	250 - 423 VAC	380VAC ± 4%	Terminal	100	HSBW100MLCDI250F	173.245.888
				Terminal	120	HSBW120MLCDI270F	217.372.888
				Terminal	150	HSBW150MLCDI250F	262.915.888
				Terminal	180	HSBW180MLCDI250F	279.595.888
				Terminal	200	HSBW200MLCDI250F	344.680.888
				Terminal	250	HSBW250MLCDI250F	377.087.888
				Terminal	300	HSBW300MLCDI250F	489.107.888

# Digital Time Switch



## HKG SERIES





HKG is Himel range of Digital Time Switches to control electrical components, turning on and off the circuits according to the scheduled time. Rated AC frequency is 50Hz, and rated AC control voltage is 400V or below. Time control components in automatic control circuit, and turn on or off the circuits according to the scheduled time .

### Features

- Full range up to 400V
- Up to 32 daily switches (16 ON-16 OFF)
- Daily or weekly program

### Reset Method



- HKG316T: Power-off reset
- HKG316TD: Key-button reset
- HKG816: Key-button reset

Picture	Reference	Description	Price (Rp)
	HKG316T230	HKG316T 16NO16NC AC230V 230V Single output	285.888
	HKG816B230	HKG816B 16NO16NC AC230V	389.888
	HKG316T2230	HKG316T-2 8NO8NC 230V Double output	441.888
	HKG316TD230	HKG316 AC:230V 16NO16NC	562.888

# EV Charging Solution

## AC & DV EV CHARGER

- Compact Charging Solution
- Flexible Charging Solution
- Cost Effective Charging Solution
- High Output Commercial Use Solution

	Type	Reference	Description	Price List Include VAT (Rp)	
	AC	Gen 2	HHEV2107HP7KT24G	HHEV2107HP AC charger 7KW 1gun Type2 with 4G	24.715.888
			HHEV2107HP11KT24G	HHEV2107HP AC charger 11KW 1gun Type2 with 4G	26.043.888
			HHEV2107HP22KT24G	HHEV2107HP AC charger 22KW 1gun Type2 with 4G	29.363.888
	DC	Gen 2	HHEV3401HM30KS24G	HHEV3401HM DC charger 30KW 1gun CCS2	317.216.888
			HHEV3701HM60K2S2	HHEV3701HM DC charger 60KW 2gun CCS2	561.439.888
			HHEV3701HM120K2S2	HHEV3701HM DC charger 120KW 2gun CCS2	740.790.888
			HHEV3701HM180K2S2	HHEV3701HM DC charger 180KW 2gun CCS2	888.947.888
			HHEV3701HM240K2S2	HHEV3701HM DC charger 240KW 2gun CCS2	1.138.492.888



ELECTRICAL TAPE

- Standar Sertifikasi: IEC 60309-1-2
- Warna: Hitam, Kuning, Biru, Hijau dan Merah
- Tahan Api: Ya
- Bebas Timbal: Ya
- Daya Tahan Temperature: 0-80°C
- Standar Ramah Lingkungan: ROHS1.0
- Jangkauan Voltase: 0-600 V

Picture	Description	Type	Color	Dimension			Price (Rp)
				Thickness (mm)	Width (mm)	Length (mm)	
	0.13mmX18mmX20m	HHEET0131820B	Black	0,13	18	200	11.888
		HHEET0131820R	Red				
		HHEET0131820Y	Yellow				
		HHEET0131820BL	Blue				
		HHEET0131820G	Green				

METERS

- Accuracy is specified for a period of one year after calibration and at 18°C to 28°C, with relative humidity < 75%.
- Accuracy specifications take the form of : ± ([% of Reading]+[number of Least Significant Digits])



HHEDCM



HHEDMM

Description	Type	Price (Rp)
Digital Clamp Meter	HHEDCM	332.888
Digital Multimeter	HHEDMM	293.888

TOOL BOX



HHETS8



HHETS18



Description	Type	Qty/Car-ton	Price/pcs (Rp)
Tool Set 8 item	HHETS8	10	356.888
Tool Set 18 item	HHETS18	6	525.888

**Style Series (WD)**

**Warna** Putih, Perak, Emas dan Kayu  
**Material** High Quality Polycarbonate  
**Mode Pemasangan** Baut dan Cengkraman  
**Tingkatan Ampere** 10A - 16A  
**Voltase** 250V











**Aplikasi**

- rumah, gedung baik residensial atau komersial

**Keunggulan**

- Performa Maksimum
- Minimalis
- Price Terjangkau

Type	Picture	Decription	Reference	Price (Rp)
SAKLAR		1 gang 1 way switch	HWDS1S	21.888
		1 gang 2 way switch	HWDS1S2	28.888
		2 gan 1 way switch	HWDS2S	30.888
		2 gang 2 way switch	HWDS2S2	40.888
		1 gang 1 way switch with LED	HWDS1SL	37.888
		2 gang 1 way switch with LED	HWDS2SL	61.888
		Push Button	HWDS1PB	32.888
		Bell Switch	HWDSBS	47.888
DIMMER SWITCHES		1 Gang Light Dimmer	HWDS1D	223.888
USB SWITCHES		1 Gang Schuko socket with USB 2.1 A	HWDSUSB	223.888

Typ	Picture	Decription	Reference	Price (Rp)
STOP KONTAK		1 Gang 2Spin Socket	HWDS2P	22.888
		1 Gang 2Spin Socket with shutters	HWDS2PS	23.888
		2 Gang 2Spin Socket	HWDS2P	42.888
		2 Gang 2Spin Socket with shutters	HWDS2PS	47.888
		1 Gang Schuko Socket	HWDS2P	25.888
		1 Gang Schuko Socket with shutters	HWDS2PS	28.888
		2 Gang Schuko Socket	HWDS2P	40.888
		2 Gang Schuko Socket with shutters	HWDS2PS	52.888
		1 Gang Schuko Socket with cover	HWDS2P	47.888
		1 Gang Schuko Socket with cover with shutters	HWDS2PS	57.888
TELECOMMUNICATION ACCESSORIES		1 Gang Data Socket	HWDS2P	70.888
		2 Gang Data Socket	HWDS2P	85.888
		1 Gang Rj11 Tel Socket, 4 Contacts	HWDS2P	65.888
		2 Gang Rj11 Tel Socket, 4 Contacts	HWDS2P	112.888
		1 Gang Isolated Tv Socket	HWDS2P	67.888

**Curvo Series (WD)**

<b>Warna</b>	Putih
<b>Material</b>	High Quality Polycarbonate
<b>Mode Pemasangan</b>	Baut dan Cengkraman
<b>Tingkatan Ampere</b>	10A - 16A
<b>Voltase</b>	250V
<b>Standar</b>	IEC/EN-60898-1 & SNI


**Aplikasi**

- rumah, gedung baik residensial atau komersial


**Keunggulan**

- Performa Maksimum
- Minimalis
- Price Terjangkau

**Air Conditioner**

Picture	Product	Decription	Price (Rp)
	HWDA13SN	13A Switched Socket with Neon	53.900
	HWDA13SS	13A Switched Socket	47.900
	HEBSP	BS Plug	27.700

**Air Conditioner Bundling**

Picture	Product	Decription	Price (Rp)
	Bundling Package 1 HWDA13SNBSP	13A Switched Socket with Neon BS Plug	50.300
	Bundling Package 2 HWDA13SSBSP	13A Switched Socket without Neon BS Plug	46.700

WD Box Inbow and Outbow








Picture	Product	Decription	Price (Rp)
	HWDIRBW	INBOW REGULAR SINGLE 72 X 72 X 40 WHITE	3.300
	HWDIRBB	INBOW REGULAR SINGLE 72 X 72 X 40 BLACK	3.300
	HWDIGBW	INBOW GRIP ROW 66 X 66 45 WHITE	3.200
	HWDIGBB	INBOW GRIP ROW 66 X 66 45 BLACK	3.200
	HWDOBW	OUTBOW - 86 x 86 x 40 WHITE	6.800
	FIBOX77	INBOW GRIP ROW - 66 x 66 x 45 FORT	2.300

## HOME ELECTRIC

# Floor Socket

### Floor Socket (HHEF)

<b>Material</b>	PANEL: Tembaga & Aluminium ; BRACKET: Besi & Aluminium	<b>Terminal</b>	Baut dan Koneksi Cepat
<b>Socket</b>	Polycarbonate Tahan Api	<b>Voltase</b>	250V
<b>Metode Pembukaan</b>	Pop Up	<b>Kapasitas</b>	16A
		<b>Ketahanan Api</b>	IP20

Picture	Reference	Decription	Price (Rp)
SINGLE MODUL			
	HHEFS1A	Casing Floor Socket 120 x 120	496.100
	HHEFSF15	Euro Socket	55.200
	HHEFSF2	2 Pin Socket	37.700
	HHEFSF23	Telephone	37.700
	HHEFSF21	Data	52.400
	HHEFSF6	USB	264.200
	HHEFSF4	Universal	55.200

Picture			Reference	Decription			Price (Rp)
COVER	MODUL 1	MODUL 2		COVER	MODUL 1	MODUL 2	
PACKAGE MODUL							
			HHEFS1AF15F2	Casing Floor Socket 120 x 120	Euro Socket	2 Pin Socket	509.400
			HHEFS1AF15F21	Casing Floor Socket 120 x 120	Euro Socket	Data	509.400
			HHEFS1AF15F23	Casing Floor Socket 120 x 120	Euro Socket	Telephone	509.400
			HHEFS1AF15F6	Casing Floor Socket 120 x 120	Euro Socket	USB	710.600
			HHEFS1AF4F6	Casing Floor Socket 120 x 120	Universal Socket	USB	710.600





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<https://www.himel.com>  
or  
Scan QR Code ▼

