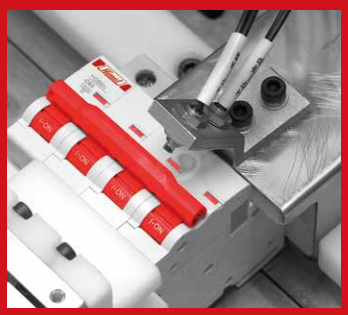
Low-voltage Device

Product Selection Guide

The Right Choice!

The Righ

t Choice!



Applicable. Available. Accountable.

Himel

The Right Choice!

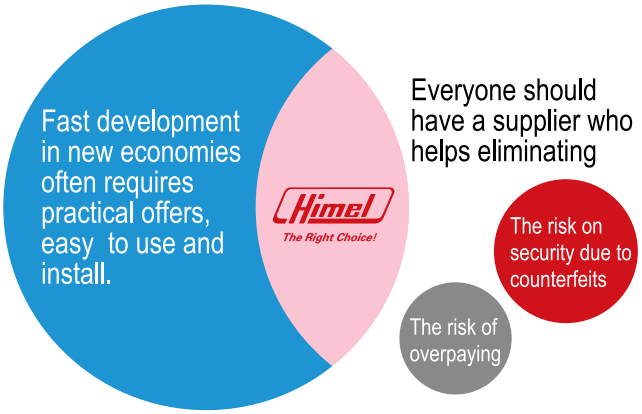
What Himel is..

Himel is an international supplier of high quality electrical products at affordable price points. Himel is an outcome of a Sino-French joint venture that provides the unique blend of technology as well as affordability.

All Himel products are manufactured at state-of-the-art manufacturing facility in China and comply with the relevant international standards.

Himel products are available through a wide network of commercial offices, distributors and local agents.

Our Vision



Any Project can be successfully realized with Himel!

Delixi Electric JV

DELIXI ELECTRIC

- ★ A unique Sino-French JV
- ★ 1500,000 + MCB poles/day
- ★ 2 factories, top laboratory
- ★ Highest quality control A to Z

R&D 2016 Contribution to Sales

Motivated team of 200+ people

New R&D center in Shanghai, to recruit best talents

2 laboratories to support our developments

Action plans to improve Quality, cost and also product time to market: our 3 top priorities

Innovation: Increase of Patent target 10% per year

Full renewable of core offer , MCBs, MCCBs, Contactors and relays

Collaboration with International Industry leader in offer to enhance R&D capability along with project collaborations

KEMA KEUR · CQC · S · PG

A Reliable Company Serving

Himel

The Right Choice!

Our Mission and Values

We deliver the right choice for common usage.

We implement long term partnership with distributors being ….

Accountable — We react quickly to customers'needs

+

Available — Our products are always where they are needed

+

Applicable — Our products meet practical needs

Targeted Customers

Targeted Market Segments

Small / medium size projects

Social housing

Building

Industry

Infrastructure

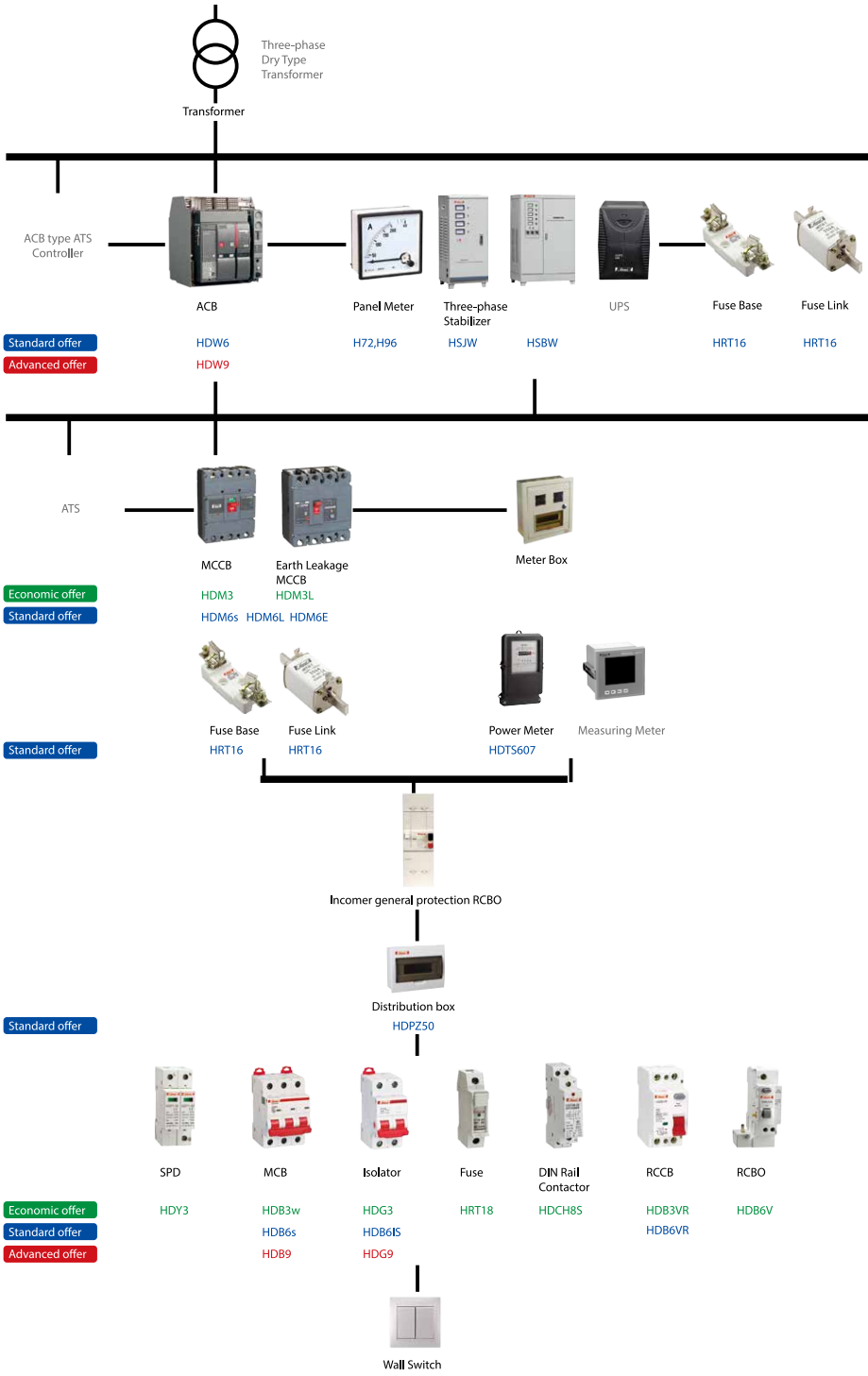
Our Differenciation

- **Famous International brand**
- **Controlled quality**
- **Constant innovation**
- **Reliable long - term partners**

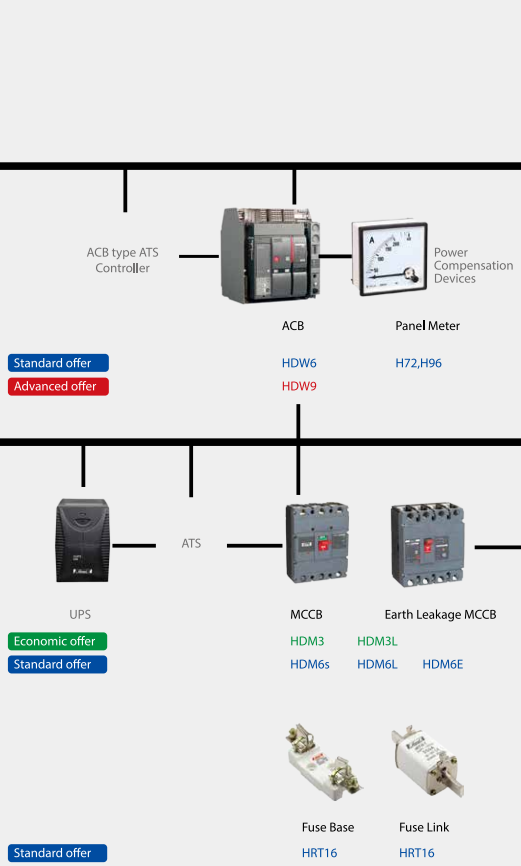
You with Reliable Solutions

Himel Product Range

Building and residential



Energy Management



Applicable

Himel

The Right Choice!

Industry control

Three-phase Stabilizer

HSJW HSBW

UPS

Metal Box

HJXF

Current transformer

HLMK

Power Meter

HDTS607

Timer

HJSZ3

Timer

HKG316T

ACB type ATS Controller

ACB

HDW6

HDW9

Panel Meter

H72 H96

Power Compensation Devices

Three-phase Stabilizer

HSJW HSBW

UPS

Standard offer

Advanced offer

AC contactor

Economic offer HDC3

Standard offer HDC6

Definite Purpose Contactor

Capacitor Switching Contactor

HDC19s

Magnetic Starter

HDS6

Thermal Overload Relay

Economic offer HDR3

Standard offer HDR6

Motor Protector Relay

Thermal Overload Relay

HDR3

HDR6

Motor Circuit Breaker

HDP6

Capacitor

Motor Load

Standard offer

Available Accountable

Contents

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Molded Case Circuit Breaker

Molded Case Circuit Breaker

HDM3

Frame Current	63A,100A,160A,250A,400A,630A,800A,1250A
Rated Insulation Voltage Ui	AC 800V (63AF:AC690V)
Rated Impulse Withstand Voltage Uimp	8kV (63AF:6kv)
Rated Operational Voltage Ue	AC 400/415/690V (63AF:AC400/415V)
Poles	3P,4P
Rated Frequency	50/60Hz
Standard	IEC60947-2
Certificate	

Product	Framesize	Breaking Capacity	Rated Current	Poles	Tripping Type	Product accessories	Protection Type	Operation Type	Product Inner Acc	Installation Type	Temperature
↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
HDM3	63: 63A 100: 100A 125: 125A 160: 160A 250: 250A 400: 400A 630: 630A 800: 800A 1250: 1250A	S L F M N T	10:10A ... 1250:1250A	3: 3 Poles A: 4 Poles A Typee B: 4 Poles B type	2: Mag 3: Mag -therm	xx:No accessories 08: Alarm 10: Shunt 20: Auxiliary 30: Undervoltage 40: Shunt+auxiliary 50: Shunt+undervoltage 60: Two groups of auxiliary 70: Undervoltage +auxiliary 18: Shunt+alarm 28: Auxiliary+alarm 38: Undervoltage +alarm 48: Shunt+auxiliary alarm 68: Auxiliary+auxiliary alarm 78: Undervoltage+ auxiliary alarm	Default: Power Distribution 2: Motor Protection	Default:Toggle P: MCH Z: Turning Toggle	Default: MX/MN AC400V A: MX/MN AC230V B: MX DC24V C: MX AC230V MN AC230V D: MX AC400V MN AC230V E: MX DC24V MN AC230V F: MX AC230V MN AC400V G: MX AC400V MN AC400V H: MX DC24V MN AC400V I: MX DC110V J: MX DC220V K: MX DC110V MN AC230V L: MX DC110V MN AC400V M: MX DC220V MN AC230V N: MX DC220V MN AC400V	Default: Fixed Front FR: Fixed Rear PF: Plug-in Front PR: Plug-in Back D: Draw-out	Default:40˚C 50:50˚C

Remark:
1. Shunt/auxiliary/alarm contacts are classified into terminals and standard configured leadsTwo types for Shunt/auxiliary/alarm contacts: ternimals and configured leads (standard offer)
2. Standard configuration of connection mode: fixed front connection
3. Standard configuration of conventional products: phase partition and mounting screw (without wiring copper bar)
4. As customized models, DC110V and DC220V shall be described specially

Molded Case Circuit Breaker

Molded Case Circuit Breaker

HDM6s

Frame Current	63A,100A,250A,400A,630A,800A
Rated Insulation Voltage Ui	AC 800V (Frame 63AF:AC 690V)
Rated Impulse Withstand Voltage Uimp	8KV (Frame 63AF:6KV)
Rated Operational Voltage Ue	AC 415V (Frame 63AF:AC 400V)
Poles	3P, 4P
Rated Frequency	50/60Hz
Standard	IEC 60947-2
Certificate	KEMA KEUR CE

Name	Frame size	B.C.	Rated current	Pole	Accessory	Voltage of Accessory	Breaking Capacity &Installation
HDM6s	100	L	100	3	10	1	F
	↓	↓	↓	↓	↓	↓	↓
	063:63AF	L:L type	010 016 020 025 032	3:3P	XX:No Accessory	X:AC400V (MX,MN) or No Accessory	F: 40˚C Unadjustable Fixed Front
	100:100AF	S:L type	040 050 063 080 100	4:4P	10:MX	N:AC230V (MX,MN)	3: 40˚C Adjustable Fixed Front
	250:250AF 400:400AF 630:630AF 800:800AF	Icu=100%Ics M:M type T:M type Icu=100%Ics	125 160 180 200 225 250 315 350 400 500 630 700 800		20:OF 30:MN (exclude 63M 4P) 40:MX+OF 50:MX+MN (exclude 63M 4P) 60:OF+OF 70:MN+OF (exclude 63M 4P) 08:SD 18:MX+SD 28:OF+SD 38:MN+SD (exclude 63M 4P) 48:MX+OF+SD 68:SD+OF+OF 78:MN+OF+SD (exclude 63M 4P) 98:MCH+SD+MN+OF	D:DC220V (MX) 1:MX AC400V MN AC230V 2:MX AC230V MN AC400V 3:MX DC220V MN AC400V 4:MX DC220V MN AC230V	

Molded Case Circuit Breaker

Molded Case Circuit Breaker

HDM6E

Frame Current	250A,400A,800A
Rated Insulation Voltage Ui	AC 800V
Rated Impulse Withstand Voltage Uimp	8kV
Rated Operational Voltage Ue	AC 400V
Poles	3P,4P
Rated Frequency	50Hz
Standard	IEC60947-2
Certificate	CE

Name	Frame	B.C	Rated Current	Pole	Accesory	Voltage of Accesory	Installation Method
HDM6E	250	M	250	3P	10	1	T
	↓	↓	↓	↓	↓	↓	↓
	250:250AF	M:M type	250:250AF	3:3P	XX: No Accessory	X:AC400V or No Accessory	F: fix-type in front of the board
				A:4P A Type	10: MX		T:50℃
	400:400AF		400:400AF	N phase is not equipped with overcurrent trip component and N phase is always connected	20:OF	N:AC400v	
				The N phase does not open/close with the other 3 poles.	30:MN		
				B:4P B Type	60:OF+OF		
	800:800AF			N phase is not equipped with overcurrent trip component, and N phase opens/closes with other 3 poles. (N phase closes first and then opens)	08:SD	D:DC24V	
					28:OF+SD		

Molded Case Circuit Breaker

Earth-Leakage Circuit Breaker

HDM3L

Frame Current	125A，160A，250A，400A，630A
Rated Insulation Voltage Ui	AC 800V
Rated Impulse Withstand Voltage Uimp	8kV
Rated Operational Voltage Ue	AC 400/415V
Poles	3P,4P
Rated Frequency	50
Standard	IEC 60947-2
Certificate	KEMA KEUR

Name	Frame size	B.C.	Rated current	Pole	Tripping Type	Accessory	Protection Type	Residual Current	Delay Time
M3L	12	F	40	3	3	XX	0	A	0
↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
M3L	12:120AF	C: 20KA	016:16A ... 63:630A	3:3P	2: Mag	XX: No Accessory	0:Power Distribution	A:30/100/300mA	0:Not Delay Time Type
	16:160AF 25:250AF	S: 35KA F: 50KA		A:4P A Type B:4P B Type	3: Mag-therm	08:SD 10:MX	2:Motor Protection	B:100/300/500mA C:300/500/1000mA	1:0.1/0.2/0.3s 2:0.4/0.501s
	40:400AF 63:630AF	N: 70KA				18:MX+SD 20:OF 28:OF+SD 40:MX+OF 48:MX+OF+SD 60:OF+OF			3:0/0.2/0.5s

Molded Case Circuit Breaker

Earth-Leakage Circuit Breaker

HDM6L

Frame Current	100A,250A,400A,630A
Rated Insulation Voltage Ui	AC 800V
Rated Impulse Withstand Voltage Uimp	8KV
Rated Operational Voltage Ue	AC 400V
Poles	3P, 4P
Rated Frequency	50
Standard	IEC 60947-2
Certificate	CE

Name	Frame size	B.C.	Rated current	Pole	Accessory	Voltage of Accessory	Residual current	Installation method
HDM6L	100	L	100	3	10	1	F	R
	↓	↓	↓	↓	↓	↓	↓	↓
	100:100AF	L:L type	40,50,63, 80,100	3:3P	X: No Accessory	X: AC400V ; No Accessory voltage; leakage module voltage AC400V	Y: 30/100/500mA (100AF, 250AF)	F: fix-type in front of the board
	250:250AF	M:M type	100,125, 160,180, 200,225, 250	A:4P A Type N phase is not equipped with overcurrent trip component and N phase is always connected. (The N phase does not open/close with the other 3 poles)	M:MX	N:AC230V; intenal accessory AC230V; leakage module AC230V	T: 100/300/500mA (100AF, 250AF, 400AF, 630AF)	R: fix-type behind the board
	400:400AF		200,225, 250,315, 350,400	B: 4P B Type N phase is not equipped with overcurrent trip component, and N phase opens/closes with the other 3 poles (N phase closes first and then opens)	O:OF	D:DC24V	F: 300/500/1000mA (400AF, 630AF)	P: insert-type behind the board
	630:630AF		400,500, 630	C: 4P C Type N phase is equipped with overcurrent trip component, and N phase always opens/closes with the other 3 poles (N phase closes first and then opens)	N:M	1:internal accessory AC400V; leakage module AC230V		
				D: 4P D Type N phase is equipped with overcurrent trip component and N phase is always connected.(The N phase does not open/close with the other 3 poles)	F:OF+OF S:SD D:OF+SD U: Leakage alarm without action module I: leakage alarm with action module A:MX+ Leakage alarm without action module 1:MX+ Leakage alarm with action module B:OF+ Leakage alarm without action module 2:OF+ Leakage alarm with action module C:MN+ Leakage alarm without action module 3:MN+ Leakage alarm with action module E:OF+OF+ Leakage alarm without action module 4:OF+OF+ Leakage alarm with action module G:SD+ Leakage alarm without action module 5:SD+ Leakage alarm with action module H:OF+SD+ Leakage alarm without action module 6:OF+SD+ Leakage alarm with action module	2:internal accessory AC230V; leakage module AC400V 3:internal accessory DC24V; leakage module AC400V 4:internal accessory DC24V; leakage module AC230V		

Air Circuit Breaker

Air Circuit Breaker

HDW9

Nominal Current	630A to 6300A
Breaking Capacity (Ics)	up to 100kA
Rated Operational Voltage	AC 400/415V, 690V (50/60Hz)
Poles	3P, 4P
Standard	IEC/EN 60947-2
Certificate	KEMA KEUR CE

Product Name	Frame	Rated current	Poles	Installation method	MCH/ XF/ MX / Power Supply Module	MN/MNR	Auxiliary contact	Intelligent control unit
W9	40H2	32	3	DH	N	5	F	E
	↓	↓	↓	↓	↓	↓	↓	↓
W9:HDW9	16N: 1600N (Icu=50kA) 40H1: 4000H1 (Icu=65kA) 40H2: 4000H2 (Icu=100kA) 63L: 6300L (Icu=120kA)	06: 630A 08: 800A 10: 100A 12: 1250A 16: 1600A 20: 2000A 25: 2500A 32: 3200A 40: 4000A 50: 5000A 63: 6300A	3: 3P 4: 4P	DH:Drawout Horizontal FH:Fixed Horizontal DV:Drawout Vertical FV:Fixed Vertical DF:Drawout Front-connection FF:Fixed Front-connection	N:AC230V V:AC400V D:DC220V	N:MN AC230V V:MN AC400V P:MNR AC230V T:MNR AC400V 5:None	F:4NO4NC E:8NO8NC T:12NO12NC V:5NO5NC	B:iTR336 E:iTR336E H:iTR336H L:iTR336H-L

Remarks:
1. Front-connection type device is NOT available for HDW9 which rated current is 4000A.
2.HDW9-6300L only offers drawout Horizontal type product.
3. 4P type device is NOT availabel for HDW9 which rated current is 6300A.
4.1600N offers 4NO4NC;4000H offers 4NO4NC,8NO8NC, 12NO12NC;6300L offers 5NO5NC.
5. iTR336H-L is NOT available for 6300L.

Air Circuit Breaker

Air Circuit Breaker

HDW6

Nominal Current	200A to 6300A
Breaking Capacity (Ics)	up to 100kA
Rated Operational Voltage	AC 400V (50/60Hz)
Poles	3P, 4P
Standard	IEC/EN 60947-2
Certificate	KEMA KEUR CE

Product Name	Frame	Rated current	Poles	Installation method	Motor mechanism (MCH) + Closing release (XF)	Shunt release (MX)	Under-voltage release	Auxiliary contact	ESW series intelligent controller
W6	20	16	3	DH	D	D	5	4	L
	↓	↓	↓	↓	↓	↓	↓	↓	↓
	10: 1000 20: 2000 32: 3200 63: 6300	02: 200A 04: 400A 06: 630A 08: 800A 12: 1250A 16: 1600A 20: 2000A 25: 2500A 32: 3200A 40: 4000A 50: 5000A 63: 6300A (Exclude 4P)	3: 3P 4: 4P	DH:Drawout Horizontal (1000AF-6300AF) FH:Fixed Horizontal (1000AF-3200AF)	D:DC220V N:AC230V V:AC400V 5: Without MCH & XF	D:DC220V N:AC230V V:AC400V 5: W/out shunt release	N:AC230V V:AC400V P: With under-voltage delayed AC230V T: With under-voltafge delayed AC400V 5: Without under-voltage release	4: Four open and four close 6: Five open and five close	M: ECW-M L: ECW-L H: ECW-H

Miniature Circuit Breaker & Switch Disconnectors

18 mm Miniature Circuit Breaker

HDB3w

In	1,2,3,4,5,6,8,10,13,16,20,25,32,40,50,63A
Poles	1P,1P+N,2P,3P,3P+N,4P
Breaking Capacity	3/4.5kA/6kA
Tripping Curve	B,C and D Curves
Standard	IEC/EN 60898-1
Certificate	CE

Name	Breaking Capacity	Pole	Tripping Curve	Rated Current	Temperature Default
HDB3w	N	2	C	16	
	↓	↓	↓	↓	↓
	A:3kA L:4.5kA N:6kA	1:1P 2:2P 3:3P 4:4P 5:1P+N 6:3P+N	B:B curve C:C curve D:D curve	1:1A 2:2A ... 63:63A	Default:40˚C 50D:50˚C

Miniature Circuit Breaker & Switch Disconnectors

18 mm Miniature Circuit Breaker

HDB6s

In	1,2,3,4,5,6,8,10,13,16,20,25,32,40,50,63A
Poles	1-4P
Breaking Capacity	4.5/6kA
Tripping Curve	B,C and D Curves
Standard	IEC/EN 60898-1
Certificate	

Name	Breaking Capacity	Pole	Tripping Curve	Rated Current
HDB6s	a	2	C	16
	↓	↓	↓	↓
	A:3kA L:4.5kA N:6kA	1:1P 2:2P 3:3P 4:4P	B:B curve C:C curve D:D curve	1:1A 2:2A ... 63:63A

HDB9

In	1,2,4,6,10,16,20,25,32,40,50,63A
Poles	1-4P
Breaking Capacity	6/10kA
Tripping Curve	B,C and D Curves
Standard	IEC/EN 60898-1
Certificate	

Name	Breaking Capacity	Frame Size	Pole	Tripping Curve	Rated Current
HDB9	H	63	2	C	16
	↓	↓	↓	↓	↓
	N:6kA H:10kA	63:63AF	1:1P 2:2P 3:3P 4:4P	B:B curve C:C curve D:D curve	1:1A 2:2A ... 63:63A

Miniature Circuit Breaker & Switch Disconnectors

18mm DC Miniature Circuit Breaker

HDB9Z

In	1,2,4,6,10,16,20,25,32,40,50,63A
Poles	1,2,4P
Tripping Curve	B and C curves
Standard	IEC 60947-2
Certificate	

Name	Frame	Poles	Curve	Rated current
HDB9Z	63	1	B	1
	↓		↓	↓
	63：63AF	1:1P 2:2P 4:4P	B:B curve C:C curve	1：1 2：2 ... 63：63

27mm Miniature Circuit Breaker

HDB3w-125

In	63A 80A 100A 125A
Poles	1P 2P 3P 4P
Breaking Capacity	6kA 10kA
Tripping Curve	C and D curves
Standard	IEC 60947-2
Certificate	

Name	Breaking Capacity	Pole	Tripping Curve	Rated Current
HDB3w-125	N	2	C	16
	↓	↓	↓	↓
	N:6kA H:10kA	1:1P 2:2P 3:3P 4:4P	C:C curve D:D curve	63:63A ... 125:125A

Miniature Circuit Breaker & Switch Disconnectors

Phase-neutral Circuit Breaker

HDB3wP

In	6A 10A 16A 20A 25A 32A 40A
Poles	1P+N
Breaking Capacity	3kA 4.5kA
Tripping Curve	C and D curves
Standard	IEC/EN60898-1
Certificate	CE

Name	Tripping Curve	Breaking Capacity	Rated Current
HDB3wP	C	N	16
	↓	↓	↓
	C:C curve D:D curve	A:3kA N:4.5kA	6:6A 10:10A ... 40:40A

HDB6p

In	6,10,16,20,25,32A
Poles	1P+N
Breaking Capacity	4.5kA
Tripping Curve	C Curve
Standard	IEC/EN 60898-1
Certificate	CE RoHS

Name	Tripping Curve	Rated Current
HDB6p	C	10
	↓	↓
	C:C curve D:D curve	6:6A 10:10A 16:16A 20:20A 25:25A 32:32A

Miniature Circuit Breaker & Switch Disconnectors

Phase-neutral Circuit Breaker

HDB9p

In	6,10,16,20,25,32,40A
Poles	1P+N
Breaking Capacity	4.5kA, 6kA
Tripping Curve	C Curve
Standard	IEC/EN 60898-1
Certificate	

Name	Breaking Capacity	Tripping Curve	Rated Current
HDB9p	N	C	10
	↓	↓	↓
	a:4.5kA N:6kA	C:C curve	6:6A 10:10A 16:16A 20:20A 25:25A 32:32A 40:40A

Miniature Circuit Breaker & Switch Disconnectors

Switch Disconnector

HDB6IS

In	20,32,63,100,125A
Poles	1-4P
Standard	IEC/EN 60947-3
Certificate	

Name	Pole	Rated Current
HDB6IS	2	63
	↓	↓
	1:1P 2:2P 3:3P 4:4P	20:20A 32:32A 63:63A 100:100A 125:125A

Miniature Circuit Breaker & Switch Disconnectors

Switch Disconnector

HDG3

In	20A 25A 32A 40A 63A 80A 100A 125A
Poles	1P 2P 3P 4P
Impulse withstand voltage	4kV
Standard	IEC60947-3
Certificate	CE TÜV

Name	Pole	Rated Current
HDG3	1	20
	↓	↓
	1:1P 2:2P 3:3P 4:4P	20:20A 25:25A ... 100:100A

HDG9

In	32 63 100 125A
Poles	1-4P
Standard	IEC 60947-3
Certificate	KEMA TÜV CE

Name	Frame Size	Pole	Rated Current
HDG9	125	2	63
	↓	↓	↓
	125:125AF	1:1P 2:2P 3:3P 4:4P	32:32A 63:63A 100:100A 125:125A

Residual Current Devices

Residual Current Operated Circuit Breaker

HDB3wLE

In	6,10,16,20,25,32,40,50,63A
Poles	1P+N,2P,3P,3P+N,4P
Sensitivity	30mA,50mA,75mA,100mA,300mA
Breaking Capacity	6kA
Tripping Curve	C,D Curves
Standard	IEC61009-1

Name	Breaking Capacity	Pole	Tripping Curve	Rated Current	Residual current	Other functions
HDB3wLE	N	1	C	6		G
	↓	↓	↓	↓	↓	↓
	N:6kA	1:1P+N 2:2P 3:3P 6:3P+N 5:4P	C:C curve D:D curve	6:6A 10:10A 16:16A 20:20A 25:25A 32:32A 40:40A 50:50A 63:63A	Default:30mA R50:50mA R75:75mA R100:100mA R300:300mA	Default:No over-voltage protection G:over-voltage protection

Residual Current Devices

Residual Current Operated Circuit Breaker

HDB9LE

In	6,10,16,20,25,32,40,50,63A
Poles	1P+N, 2P, 3P, 3P+N, 4P
Sensitivity	30mA, 100mA, 300mA
Breaking Capacity	6kA
Tripping Curve	C Curve
Standard	IEC 61009-1

Name	Breaking Capacity	Pole	sensitivity	Rated Current
HDB9LE	N	1	S	6
	↓	↓	↓	↓
	N:6kA	1:1P+N 2:2P 3:3P 4:4P 6:3P+N	S:30mA Y:100mA T:300mA	6:6A 10:10A 16:16A 20:20A 25:25A 32:32A 40:40A 50:50A 63:63A

HDB3wLE-125

In	63A 80A 100A 125A
Poles	1P 2P 3P 4P
Breaking Capacity	10kA
Tripping Curve	C and D curves
Standard	IEC 60947-2
Certificate	

Name	PoLE-	Tripping Curve	Rated Current	Residual current	Other functions
HDB3wLE125	1	C	63		G
	↓	↓	↓	↓	↓
	1:1P+N 2:2P 3:3P 4:4P 6:3P+N	C:C curve D:D curve	63:63A 80:80A 100:100A 125:125A	Default:30mA W:50mA Q:75mA Y:100mA T:300mA	Default: No over-voltage protection G:Over-voltage protection

Residual Current Devices

Residual Current Operated Circuit Breaker

HDB3wPLE

In	6A 10A 16A 20A 25A 32A 40A
Poles	1P+N
Sensitivity	30mA
Breaking Capacity	3kA 4.5kA
Tripping Curve	C and D curves
Standard	IEC61009-1
Certificate	

Name	Tripping Curve	Breaking Capacity	Rated Current	Residual current	Other functions
HDB3wPLE	C	A	10		G
	↓	↓	↓	↓	↓
	C:C curve D:D curve	A:3kA 4.5kA	6:6A 10:10A 16:16A 20:20A 25:25A 32:32A 40:40A	Default:30mA	Default: No over-voltage protection G:Over-voltage protection

Residual Current Devices

Residual Current Operated Circuit Breaker

HDB6pLE

In	6,10,16,20,25,32,40A
Poles	1P+N
Sensitivity	30mA
Breaking Capacity	4.5kA
Standard	IEC 61009-1
Tripping Curve	C Curve
Certificate	

Name	Tripping Curve	Rated Current
HDB6pLE	C	10
	↓	↓
	C:C curve	6:6A 10:10A 16:16A 20:20A 25:25A 32:32A 40:40A

HDB9PLE

In	6,10,16,20,25,32,40A
Poles	1P+N
Sensitivity	30mA
Breaking Capacity	4.5kA, 6kA
Tripping Curve	C Curve
Standard	IEC/EN 61009-1
Certificate	

Name	Breaking Capacity	Tripping Curve	sensitivity	Rated Current
HDB9PLE	N	C	s	10
	↓	↓	↓	↓
	a:4.5kA N:6kA	C:C curve	s:30mA	6:6A 10:10A 16:16A 20:20A 25:25A 32:32A 40:40A

Residual Current Devices

Residual Current Operated Circuit Breaker

HDB6v

Poles	1P+N,2P,3P,3P+N,4P
Sensitivity	30,100,300mA
Standard	IEC 61009-1

Name	Frame	Pole	Sensitivity
HDB6V	32	1N	R100
	↓	↓	↓
	32:32AF 63:63AF	1N:1P+N 2P:2P 3P:3P 4P:4P 3N:3P+N	Default:30mA R100:100mA R300:300mA

Residual Current Devices

Electromagnetic Type Residual Current Switch

HDB6VR

In	10,16,25,32,40,63,80,100A
Type	A/AC
Poles	2P, 4P
Sensitivity	10/30/100/300mA
Standard	IEC/EN 61008-1
Certificate	

Name	Pole	Rated Current	sensitivity	Type
HDB6VR	2	10	S	A
	↓		↓	↓
	2:2P 4:4P	10:10A 16:16A 25:25A 40:40A 63:63A 80:80A 100:100A	L:10mA S:30mA Y:100mA T:300mA	A:A type C:AC type

HDB3VR

In	10,16,25,32,40,63,80,100A
Type	A/AC
Poles	2P, 4P
Sensitivity	10/30/100/300mA
Standard	IEC/EN 61008-1
Certificate	

Name	Pole	Rated Current	sensitivity	Type
HDB6VR	2	10	S	A
	↓		↓	↓
	2:2P 4:4P	10:10A 16:16A 25:25A 40:40A 63:63A 80:80A 100:100A	L:10mA S:30mA Y:100mA T:300mA	A:A type C:AC type

Residual Current Devices

Residual Current Operated Circuit Breaker

Incomer General Protection RCBO

Rating current	30,60 A
Poles	2 Poles(1P+N), 4Poles (3P+N)
Operating temperature	-20˚C ~ +55˚C
Standard	IEC61009-1

Control Devices

Modular Contactor

HDCH8S

Poles	2P, 4P
Rated Current	16, 20, 25, 40, 63A
Rated Insulation Voltage Ui	500V
Rated Voltage Ue	250V 400V
Coil Voltage	AC 230V 50/60Hz
Standard	IEC 61095
Certificate	

Name	Curent	Pole	Voltage
HDCH8P	25	2	N
	↓	↓	↓
	20:20A 25:25A	2P:2P	M:220A N:230A

Time Relay

HDRT8

Time Range	0.1~10s, 10~120s, 30~480s
Delay Type	Off delay /Power delay
Rated operational Voltage	230VAC
Rated Current	5A
Standard	IEC 60947-5

Name	Delay Time	Delay Type
HDRT8	10	B
	↓	↓
	10:0.1-10s 120:10-120s 480:30-480s	A:off delay B:power delay

Surge Protective Device

Surge Protective Device

HDY3

In	20A 40A 65A 80A 120A 160A
Poles	1P 2P 3P 4P 1P+N 3P+N
Maximum continuous working voltage	275/340/385/440V
Standard	IEC 61643-1

Name	Maximum discharge current	Pole	Maximum continuous operational voltage
HDY3	20	1	275
	↓	↓	↓
	20:20kA 40:40kA 65:65kA 80:80kA 100:100kA 120:120kA 160:160kA	1:1P 2:2P 3:3P 4:4P 5:1P+N 6:3P+N	275:275V :385V 340:340V 440:440V

Distribution Box

Consumer Box

HDPZ50

NO.of loop	Metal box & Plastic Cover 6,8,12,16,20,24 Full Plastic 6,8,12,16,20,24,36
Installation	Surface/Flush
Material	Metal box & Plastic Cover Full Plastic(fire-retardancy) Full Plastic(Non-fire-retardancy)
Standard	IEC60439-1 IEC 60670
Certificate	CE

Name	Material	Installation	No. of loop
HDPZ50	P	M	6
	↓	↓	↓
	Default :Metal box & Plastic Cover P:Full plastic	M:Surface installation R:Flush installation	6:6# 8:8# 12:12# 16:16# 20:20# 24:24#

Metal Enclosure

HJXF

Dimension	250*200*140-1000*800*300
Material	Metal
Standard	EN60529
Certificate	CE

Name	Height	Width	Depth	IP
HJXF	25	20	14	B
	↓	↓	↓	↓
	25 :250mm 30 :300mm 40 :400mm 50 :500mm 60 :600mm 70 :700mm 80 :800mm 100 :1000mm	20 :200mm 25 :250mm 30 :300mm 40 :400mm 50 :500mm 60 :600mm 80 :800mm	14 :140mm 16 :160mm 18 :180mm 20 :200mm 25 :250mm 30 :300mm	Default:IP43 B:IP43 improved Q:IP54

Contactor

Contactor

HDC3

Nominal Current	6A - 95A
Rated Power	2.2kW - 45kW
Control Circuit Voltage	24V - 440V, 50Hz or 50/60Hz
Auxiliary Contacts	6-38A:1NO or 1NC；40-95A:1NO+1NC
Matched Themal Overload Relay	HDR3
Standard	IEC/EN 60947-4-1
Certificate	CE TÜV SÜD

Product name	Rated current	Auxiliary Contact	Coil Voltage	Coil Frequency
HDC3	06	10	M	5
	↓	↓	↓	↓
	06: 6A ... 95: 95A	11:1NO+1NC 10:1NO+0NC 01:0NO+1NC	B: 24V ... X: 440V	5: 50Hz 7: 50/60Hz

HDC6

Nominal Current	9A to 630A
Rated Power	4kW to 335kW
Control Circuit Voltage	24V to 440VAC, 50/60Hz
Auxiliary Contacts	9~95A: 1NO+1NC
Matched Thermal Overload Relay	HDR6
Standard	IEC/EN 60947-4-1
Certificate	TÜV SÜD CE

Product Name	Rated Curent	Auxiliary Contact	Coil Voltage	Coil Frequency
HDC6	9	11	M	
	↓	↓	↓	↓
	09: 9A ... 630: 630A	11:1NO+1NC 00:0NO+0NC	B: 24V ... X: 440V	Default:50HZ 7:50/60HZ

Contactor

Contactor

HJX2 4P

Current	9A - 95A
Rated Power	4kW-45kW
Control Circuit Voltage	24V - 440V, 50/60Hz
Auxiliary Contacts	4NO+0NC, 2NO+2NC
Standard	IEC/EN 60947-4-1
Certificate	CE

Product name	Rated current	Main Contact	Coil Voltage	Coil Frequency
HJX2(4P)	09	04	*	*
	↓ 09: 9A 12:12A ... 95: 95A	↓ 04: 4NO+0NC 08: 2NO+2NC	↓ B: 24V ... X: 440V	↓ 7: 50/60Hz

HJX2F 4P

Current	115A - 800A
Rated Power	55kW-400kW
Control Circuit Voltage	110V - 440V, 50/60Hz
Auxiliary Contacts	N/A
Standard	IEC/EN 60947-4-1
Certificate	CE

Product name	Rated current	Main Contact	Coil Voltage	Coil Frequency
HJX2F(4P)	115	4	*	*
	↓ 115: 115A 150: 150A ... 800: 800A	↓ 4: 4NO+0NC	↓ F: 110V ... X: 440V	↓ 7: 50/60Hz

Thermal Overload Relay

Thermal Overload Relay

HDR3

Setting Current	0.1-0.16A,⋯,80-93A
Tripping Class	10, 10A
Matched Contactor	HDC3
Standard	IEC/EN 60947-4-1　60947-5-1
Certificate	CE TÜV S

Product name	Frame current	Setting current
HDR3	25	1P6
	↓	↓
	25: 25A 36: 36A 93: 93A	1P6: 1.0-1.6A P16: 0.1-0.16A ... 93: 80-93A P means decimal point

HDR6

Setting Current	0.1~0.15A, ⋯ , 460~630A
Tripping Class	10, 10A
Auxiliary Contacts	1NO+1NC
Matched Contactor	HDC6
Standard	IEC/EN 60947-4-1　60947-5-1
Certificate	TÜV CE S

Name	Rated Curent	Setting Current
HDR6	18	P15
	↓	↓
	18:18A 32:32A 95:95A 185:185A 630:630A	P15:0.1-0.15 ... 95:80-95 ... 630：460-630A P means decimal point

Definite Purpose Contactor

Switching Capacitor Contactor

HDC19s

Controlled Capacitor Rate Capacity	12kvar to 60kvar
Rated Control Circuit Voltage	110V to 415V, 50Hz, 60/60Hz
Standard	IEC/EN 60947-4-1 60947-5-1

Name	Rated Conventional themal current	Auxiliary Contact	Coil Voltage	Coil Frequency
HDC19s	25	11	N	5
	↓	↓	↓	↓
	25:25A ... 115:125A	11:1NO+1NC 20:2NO+0NC 02:0NO+2NC 12:1NO+2NC 21:2NO+1NC	F: 110V ... L: 415V	5:50HZ 7: 50/60Hz

Relay

Contactor Relay

HDZ3

Main Contacts	2NO+2NC,3NO+1NC,1NO+3NC,4NO+0NC,0NO+4NC
Rated Control Circuit Voltage	24V - 440V, 50/60Hz
Standard	IEC/EN 60947-5-1
Certificate	CE

Product name	Contact	Coil Voltage	Coil Frequency
HDZ3	22	M	5
	↓	↓	↓
	22: 2NO+2NC 31: 3NO+1NC ... 40: 4NO+0NC	B: 24V C: 36V ... X: 440V	5: 50Hz 7: 50/60Hz

HDZ6

Main Contacts	4NO+1NC, 3NO+2NC
Rated operational Current	10A
Rated Control Circuit Voltage	24V to 440VAC, 50/60Hz
Standard	IEC/EN 60947-5-1
Certificate	CE

Name	Contact	Coil Voltage	Coil Frequency
HDZ6	32	N	7
	↓	↓	↓
	32:3NO+2NC 42:4NO+1NC	B: 24V ... X: 440V	Default:50HZ 7:50/60HZ

Relay

Miniature Relay

HDZ8P

Rated Current	3A, 5A, 10A
Coil Voltage	AC6V-380V, DC6V-220V
Poles	2P, 3P, 4P
LED	LED, No LED

Name	Rated Curent	Pole	LED	Voltage	Voltage Type
HDZ8P	05	2	L	M	1
	↓ 03:3A 05:5A 10: 10A	↓ 2:2P 3:3P 4:4P	↓ Default:None L:LED	↓ I:6V ... N:230V Q: 380V	↓ 1:AC Z1:DC

Electronic Time Relay

HJSZ3

Working Mode(AC-15)	A: Relay after power-on
	F: Relay after power-off
Rated Working Voltage	120V 240V 400V

Name	Relay Mode	Relay Time	Rated Working Voltage
HJSZ3	A	2	120
	↓ A:Relay after power-on F:Relay after power-off	↓ A:0.05-0.5/5s/30s/3M ... G:0.4M-4M/40M/4h/24h 1S:0.1-1S ... 30M:3-30min	↓ 120:120V 240:240V 400:400V

Relay

Phase Failure and Sequence Protection Relay

HXJ9

Voltage	380V /400V
Contactor Mode	1NO,1NC
Contactor Endurance	5A Resistive
Phase Failure & Phase Wrong Protect Time	Reaction time ≤ 2S
Standard	IEC60947-5-1

Product name	Voltage
HXJ9	400 ↓ Default: 380V 400: 400V

Motor Protector

Motor Protector

HDP6

Frame	32
Setting Range	0.1-32A
Rated Insulation Voltage Ui	690V
Rated Impulse Withstand Voltage Uimp	6KV
Rated Operational Voltage Ue	690V
Rated Operational Frequency	50/60Hz
Trip Class	10A
Standard	IEC 60947-1, IEC60947-2, IEC60947-4-1
Certificate	CE KEMA KEUR

Name	Frame Current	Setting Current
HDP6	32	P16
	↓	↓
	32: 32A	P16:0.1-0.16A ... 32: 24-32A P means decimal point

Magnetic Starter

Magnetic Starter

HDS6

Frame	32A,95A
Setting Current	0.1-0.15A ··· 80-93A
Coil Voltage	24-415V
Rated Operational Voltage	240V,400V,440V,690V
Rated Insulation Voltage	690V
Rated Operational Frequency	50/60Hz
Standard	IEC 60947-4
Certificate	CE

Product name	Frame size rated current	Rated current	Control Voltage & Rrequency	Setting Current
HDS6	32	09	N	4P8
	↓	↓	↓	↓
	32: 32A ... 95: 95A	09: 09A ... 95: 95A	B:24V 50/60HZ ... V:400V 50/60HZ	P15：0.1-0.15A ... 95：80-95A

Control Signal

Indicator Light

HLD11

IP Degree	IP65
AC Ue	220 230 380V
AC/DC Ue	6 12 24 36 48 110 220V(Only A&B type have 220V 230V 380V)
Color	White/Green/Red/Yellow/Blue

Name	Dimension	Type	Step down type	Head shape	Voltage	Color
HLD11	22	A	2	1	B	7
	↓	↓	↓	↓	↓	↓
	22: Ø22mm 16: Ø16mm 25: Ø25mm	A: Full cover head & long terminal B: Half cover head & long terminal C: Full cover head & short terminal D: Half cover head & short terminal	2: Resistance type 4: Capacitance type	0: Ball 1: Flat round 4: Square	T: 6V J: 12V B: 24V F: 110V M: 220V N: 230V Q: 380V	7: White 3: Green 4: Red 5: Yellow 8: Blue

Control Signal

Pushbutton Switches

HLAY5

IP Degree	IP55
Rated voltage & current	AC-15: 380V/2A 220V/3.3A DC-13: 220V/0.5A 110V/1.1A
Light Type	LED,Neon,Filament
Button Type	Momentary, Selective buttom with short handle, Selective buttom with long handle, Key-operated selective switches, Mushroom, Emergency, Two-head, Flush, Indication lamp
Color	White/Green/Red/Yellow/Blue/Orange

FLUSH BUTTON/ MUSHROOM BUTTON

Name	Material	Type	Color *	NO/NC
HLAY5	B	A	1	1
	↓	↓	↓	↓
	B: Metal E: Plastic	A: Momentary C: Ø40 Mushroom R: Ø60 Mushroom	1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO+1NC

* Only green & red color are available for mushroom button

SELECTIVE BUTTON SWITCH

Name	Material	Type	Color *	NO/NC
HLAY5	B	D	2	1
	↓	↓	↓	↓
	B: Metal E: Plastic	D: Selective button with short handle J: Selective button with long handle G: Key-operated selective switches	20: 2P 30: 3P 21: 2P reset 33: 3P reset	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO+1NC

Control Signal

Pushbutton Switches

HLAY5

EMERGENCY STOP BUTTON

Name	Material	Type	Diameter of head	Color	NO/NC
HLAY5	B	S	4	3	1
	↓	↓	↓	↓	↓
	B: Metal E: Plastic	S: Emergency	4: Ø30mm 5: Ø40mm 6: Ø60mm	3: Green 4: Red	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO+1NC

TWO-HEAD BUTTON

Name	Material	Type	Head	No. of head	NO/NC
HLAY5	B	S	3	3	1
	↓	↓	↓	↓	↓
	B: Metal E: Plastic	L8: Two-headed	3: Flush button 4: One high, one low	2: 2 head	5: 1NO+1NC

ILLUMINATED PUSHBUTTON SWITCHES

Name	Material	Type	Color/Head	Voltage	NO/NC	Light
HLAY5	B	S	3	3	1	N
	↓	↓	↓	↓	↓	↓
	B: Metal E: Plastic	W3: Flush W8: Two head	1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue 7: Pure white 8: Pure blue ... 4*: One high, one low	T: 6V B: 24V F: 110V M: 220V Q: 380V	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO+1NC	N: Neon L: LED Defult: Filament

* Only for Two head buttons

Control Signal

Pushbutton Switches

HLAY5

INDICATION LAMP

Name	Material	Type	Voltage	Color/Head	Light
HLAY5	B	V	T	3	N
	↓	↓	↓	↓	↓
	B: Metal	V: Indication	T: 6V B: 24V F: 110V M: 220V Q: 380V	1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue 7: Pure white 8: Pure blue	N: Neon L: LED Defult: Filament

BASE

Name	Type	Contact
HLAY5	BE	101
	↓	↓
	BE: Auxiliary contact	101: 1NO 102: 1NC 103: 2NO 104: 2NC 105: 1NO+1NC

Control Signal

Pushbutton Switches

HLAY7

Rated voltage & current	AC-15:660V/1.1A,380V/2.0A/220V/3.3A
	DC-13:440V/0.25,220V/0.5A,110V/1A
Button Type	Momentary (illuminated,unilluminated) Maintained (illuminated,unilluminated) Full protection, Selective (Illuminated) Key-operated, Mushroom, Emergency,
Color	White/Green/Red/Yellow/Blue

FLUSH BUTTON

Name	NO/NC	Type	Color *	Installation
HLAY7	11	BN	1	2
	↓	↓	↓	↓
	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	BN: Momentary BNZS: Maintained GN: Momentary GNZS: Maintained JN: Full protection	1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue	2: Ø22mm 3: Ø25mm 4: Ø30mm

* Only green & red color is available(except for BN type)

SELECTIVE SWITCHES

Name	NO/NC	Type	Operation	Color	Installation
HLAY7	11	X	20	2	2
	↓	↓	↓	↓	↓
	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	X: Selective button with short handle XB: Selective button with long handle Y: Key-operated selective switches	20: 2P 30: 3P 21: 2P reset 31: 3P reset 33: 3P reset	2: Black 3: Green 4: Red Blank: key operated switch	2: Ø22mm 3: Ø25mm 4: Ø30mm

Control Signal

Pushbutton Switches

HLAY7

MUSHROOM BUTTON/ EMERGENCY STOP BUTTON

Name	NO/NC	Type	Color *	Installation
HLAY7	11	M	3	2
	↓	↓	↓	↓
	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	M: Momentary MZS: Maintained ZS: Emergency	3: Green 4: Red	2: Ø22mm 3: Ø25mm 4: Ø30mm

ILLUMINATED PUSHBUTTON SWITCHES

Name	NO/NC	Type	Color *	Voltage	Installation	Light
HLAY7	11	D	3	T	2	N
	↓	↓	↓	↓	↓	↓
	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	D: Momentary (Illuminated) DZS: Maintained (Illuminated) DM: Momentary (Illuminated) DMZS: Maintained (Illuminated)	3: Green 4: Red 5: Yellow 6: Blue 7: Pure white 8: Pure blue	T: 6V B: 24V F: 110V M: 220V Q: 380V	2: Ø22mm 3: Ø25mm 4: Ø30mm	N: Neon L: LED Defult: Filament

* Only green & red colors are available for DM and DMZS type.

ILLUMINATED SELECTIVE SWITCHES

Name	NO/NC	Type	Operation	Voltage	Installation	Light
HLAY7	11	D	20	T	2	N
	↓	↓	↓	↓	↓	↓
	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	XD: Selective (Illuminated)	20: 2P C R 30: 3P L C R	T: 6V B: 24V F: 110V M: 220V Q: 380V	2: Ø22mm 3: Ø25mm 4: Ø30mm	N: Neon L: LED Defult: Filament

Control Signal

Pushbutton Switches

HLAY7

INDICATION LAMP

Name	Type	Color/Head	Voltage	Installation
HLAY7	XD1	3	T	2
	↓	↓	↓	↓
	XD1: Filament XD2: Neon XD3: LED	1: White 3: Green 4: Red 5: Yellow 6: Blue 7: Pure white 8: Pure blue	T: 6V B: 24V F: 110V M: 220V Q: 380V	2: Ø22mm

BASE

Name	Type	Contact
HLAY7	BE	101
	↓	↓
	BE: Auxiliary contact	101: 1NO 102: 1NC 103: 2NO 104: 2NC 105: 1NO+1NC

Control Signal

Pushbutton Switches

HLAY8

Light Type	LED
Button Type	Momentary (illuminated,unilluminated) Maintained (illuminated,unilluminated) Waterproof (illuminated,unilluminated) Selective buttom with short handle, Selective buttom with long handle, Key-operated,
Color	White/Green/Red/Yellow/Blue

FLUSH BUTTON

Name	NO/NC	Type	Color *
HLAY8	11	BN	1
	↓	↓	↓
	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	BN: Momentary BNZS: Maintained S: Waterproof	1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue

* Only green, red, yellow color are available for BNZS & S type

MUSHROOM BUTTON/ EMERGENCY STOP BUTTON

Name	NO/NC	Type	Color
HLAY8	11	M	3
	↓	↓	↓
	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	M: Momentary MZS: Maintained ZS: Emergency	3: Green 4: Red

Control Signal

Pushbutton Switches

HLAY8

SLECTIVE SWITCHES

Name	NO/NC	Type	Operation	Color
HLAY8	11	X	20	2
	↓	↓	↓	↓
	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	X: Selective button with short handle XB: Selective button with long handle Y: Key-operated selective switches	20: 2P 30: 3P 21: 2P reset 31: 3P reset 33: 3P reset	2: Black 3: Green 4: Red Blank: key operated switch

ILLUMINATED PUSHBUTTON SWITCHES

Name	NO/NC	Type	Color *	Voltage	Power
HLAY8	11	D	3	T	2
	↓	↓	↓	↓	↓
	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	D: Momentary (Illuminated) DZS: Maintained (Illuminated) DS: Waterproof (Illuminated)	3: Green 4: Red 5: Yellow 6: Blue 7: Pure white 8: Pure blue	T: 6V B: 24V F: 110V M: 220V Q: 380V	2: AC/DC 4: AC

* Only green & red colors are available for DM and DMZS type.

BASE

Name	Type	Contact
HLAY8	BE	101
	↓	↓
	BE: Auxiliary contact	101: 1NO 102: 1NC 103: 2NO 104: 2NC 105: 1NO+1NC

Fuse

Fuse

HRT16

Fuse Link Type	00C, 00, 1, 2, 3
In	2-630A

Name	Suitable Fuse Bases	Rated Current In (A)
HRT16	00	2
	↓	↓
	00:HRT16-00 1:HRT16-1 2:HRT16-2 2:HRT16-3	2: 2A 4: 4A ... 630:630A

HRT16 Base

Base Type	00,1,2,3
In	160，250，400，630

Name	Base type	Material
HRT16	00	ZS
	↓	↓
	00:HRT16-00C, HRT16-00 1:HRT16-1 2:HRT16-2 2:HRT16-3	ZS: Resin base

Fuse

Fuse

HRT18

Cylindrical Fuse Type	32,63
In	2-63A
Size	10×38, 14×51

HRT18 Fuse Holder

Holder Type	32X,32,63X,63
Pole	1-3P
In	32,63
Material	Resin with Indicator Resin without Indicator Nylon with Indicator Nylon without Indicator

Name	Suitable Fuse Bases	Rated Current In (A)
HRT18	1038	2
	↓ 1038: 10*38 1451: 14*51	↓ 2: 2A ... 63: 63A

Industrial Plug & Socket

Industrial Plug & Socket

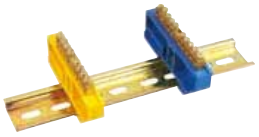
HDPM,HDP,HDSM,HDSF,HDPS

Connecting Type	Fixed, Moving, Multi-function
Pole	2P+E, 3P+E, 3P+N+E
Voltage	110-415V ,230V
Current	16A, 32A, 63A, 125A
Standard	IEC 60309-1-2

Name	Pole No.	Current (A)	IP	Nominal Voltage (V)
HDPM	3	32	IP44	1
↓	↓	↓	↓	↓
HDPM: Moving industrial plugs HDP: Fixed industrial plugs HDSM: Moving Industrial sockets HDSF: Fixed industrial sockets HDPS: Muti-function plugs and sockets	3:2P+E 4:3P+E 5:3P+N+E	16: 16A 32: 32A 63: 63A 125: 125A	IP44: IP44 IP67: IP67	1:110-130V Default : Other voltage

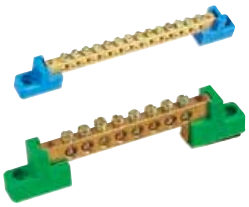
Terminal Block

Terminal Block



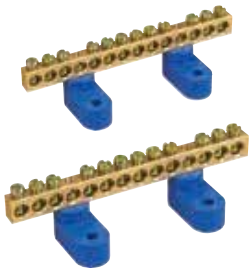
HTB010

Hole	4, 6, 8, 10, 12, 14, 16
Hole Diameter	5.2mm, 6mm
Cross Section	6*9mm,8*12mm
Screw Dimension	M4*8mm, M5*10mm
Max Current	100A,150A



HTB019

Hole	4, 6, 8, 10, 12, 14, 16
Hole Diameter	5.2mm, 6mm
Cross Section	6*9mm,8*12mm
Screw Dimension	M4*8mm, M5*10mm
Max Current	100A,150A

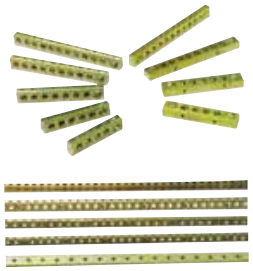


HTB007

Hole	6, 8, 10, 12, 14, 16
Hole Diameter	5.2mm, 6mm
Cross Section	6*9mm,8*12mm
Screw Dimension	M4*8mm, M5*10mm
Max Current	100A,150A

Terminal Block

Terminal Block



HTB043

Hole	78, 109, 116, 133
Hole Diameter	5 ~ 9mm
Screw Dimension	M4*8mm ~ M6*12mm
Max Current	100 ~ 200A

HTB112

Hole	2*7, 2*15, 4*7, 4*11, 4*15
Hole Diameter	5.2mm
Screw Dimension	M4
Max Current	125A

Product name	Product type	Cross section	Number of holes	Setting current
HTB	010	0609	W4	*
	↓ 010: 010 type 019: 019 type 007: 007 type 043: 043 type 112: 112 type	↓ 0609: 6mm*9mm 0812: 8mm*12mm ... blank: 112 type product	↓ W4: 4 holes W6: 6 holes ... W16: 16 holes W078: 78 holes ... W133: 133 holes	↓ Y: Yellow B: Blue G: Green ... P7: 7 holes per line P15: 15 holes per line ... * means supportor color * also means holes per line for HTB112

Cable Connector

Cable Connector

HCF

Thread External Diameter	12, 16, 20, 25, 32, 40, 50, 63mm
	7, 9, 11, 13.5, 16, 21, 29, 36, 42, 48mm
Working Temp	- 40℃ ～ + 100℃
Max Temp. In Short Time	+ 120℃

Name	Type	Thread External Diameter (mm)	IP	Color
HCF	MG	12	IP54	B
	↓	↓	↓	↓
	MG PG	7: 7mm ... 63: 63mm	IP54: IP54 IP68: IP68	B:Black W:Gray

Current Transformer

Current Transformer

HLMK

Primary Current	30-5000A
Secondary Current	5A,
Maximum Voltage	0.66kV
Class	0.5 , 1.0
Rated Security Coefficient	FS < 5
Standard	IEC 60044-1

Name	Class	Current Ratio (A)	Bar (mm)
HLMK	P6	30	30
	↓	↓	↓
	P6:class 0.5 maximum voltage 0.66KV P6P:class 1 maximum voltage 0.66KV	30:30/5 ... 5000:5000/5	30:30*10 ... 120:120*10 or 80*30

Meter

Single-phase Electronic Watt-hour Meter

HDDS606

Type	Single-phase
Current Specification	1.5(6)A, 3(6)A, 2.5(10)A, 5(20)A, 5(30)A, 10(40)A 15(60)A, 20(80)A, 30(100)A
Voltage	230V
Power Loss	Voltage circuit ≤ 2W per 10VA, Current circuit ≤ 4VA
Normal Working Temp	- 10℃ ～ + 45℃
Limited Working Temp	- 25℃ ～ + 55℃
Standard	IEC 62053-21

Model	Voltage	Accuracy class	Specification	Optional function	Optional function	Optional function	Optional function	Optional function
HDDS606	N	1	6M4	6	H	CD	485	I
	↓	↓	↓	↓	↓	↓	↓	↓
	N:230V	1: Class 1 1.0~1.5% error 2: Class 2 2.0~2.5% error	6M4：1.5(6)A 10M4：2.5(10)A ... 100M3：30(100)A	Default: 50Hz 6: 60Hz	H: Connect via VT/CT(only for dial display) 5A Default: Direct Connection or dial display	CD: LCD display Default: without LCD display	485: 485 interface Default: without 485 interface	I: infrared Default: without infrared

Note: "M" in the specification code represents multiple of current.

Meter

Three-phase Four-wire Electronic Watt-hour Meter

HDTS607

Type	Three-phase
Current Specification	1.5(6)A, 3(6)A, 2.5(10)A, 5(20)A, 10(40)A
	15(60)A, 20(80)A, 30(100)A
Voltage	57.7/100V, 230/400V
Power Loss	Voltage circuit ≤ 2W per 10VA, Current circuit ≤ 4VA
Normal Working Temp	- 10℃ ～ + 45℃
Limited Working Temp	- 25℃ ～ + 55℃
Standard	IEC 62053-21

Name	Voltage	Classic	Current Specification
HDTS607	NV	1	6M4
	↓	↓	↓
	NV:230/400V WY:57.7/100V	1:1.0	6M4:1.5（6）A ... 100M3:30（100）A M means current multipul

Meter

Three-phase Three-wire Electronic Watt-hour Meter

HDSS607

Type	Three-phase
Current Specification	1.5(6)A, 3(6)A, 5(20)A, 10(40)A
	15(60)A, 20(80)A, 30(100)A
Voltage	100V, 400V
Power Loss	Voltage circuit ≤ 2W per 10VA, Current circuit ≤ 4VA
Normal Working Temp	- 10℃ ～ + 45℃
Limited Working Temp	- 25℃ ～ + 55℃
Standard	IEC 62053-21

Name	Voltage	Classic	Current Specification
HDSS607	V	1	6M4
	↓	↓	↓
	V:400V Y:100V	1:1.0	6M4:1.5（6）A ... 100M3:30（100）A M means current multipul

Meter

Panel Meter

H72 Series

Type	Ammeter, Voltmeter, Frequency meter
Specification	72*72mm
Response Time	≤ 4s
Impact Test	Max acceleration 147m/s^2
Angular Deflection	90°
Working Temp.	- 25℃ ～ + 40℃
Standard	IEC 60051
Certificate	CE

H96 Series

Type	Ammeter, Voltmeter, Frequency meter
Specification	96*96mm
Response Time	≤ 4s
Impact Test	Max acceleration 147m/s^2
Angular Deflection	90°
Working Temp.	- 25℃ ～ + 40℃
Standard	IEC 60051
Certificate	CE

Name	Type	Specification	Note
H72	TA	30	A
↓	↓	↓	↓
H72: 72mm panel meter H96: 96mm panel meter	TA: AC Ampere meter CA: DC Ampere meter LV: AC Voltmeter CV: DC Voltmeter LHZ01: Frequency meter 45-55Hz LHZ02: Frequency meter 55-65Hz LHZ03: Frequency meter 45-65Hz	30:30/5A ... 10000:10000/5A 300: 300V (for voltmeter) … 600: 600V (for voltmeter) … 230V: 230V frequency meter	A: Direct connect ammeter

Digital Time Switch

Digital Time Switch

HKG316T

Rated Control Voltage	AC:230 AC:400V
Output Loops	10-ON-10-OFF（Singal output）
	8-ON-8-OFF（Double output）
Contactor Endurance	250V/25A(Resistive)

HKG316TD

Rated Control Voltage	230/400V AC
Output Loops	16-ON-16-OFF
Contactor Endurance	250V/20A(Resistive)

Name	Output Loops	Rated Control Voltage
HKG316	T	230
	↓	↓
	T:10-on-10-off TD:16-on-16-off T2: 8-on-8-off	230:AC230V 400:AC400V

HKG816

Rated Control Voltage	230V AC
Output Loops	A (Non-transparent cover)：16-ON-16-OFF
	B (Transparent cover)： 8-ON-8-OFF
Contactor Endurance	250V/5A(Resistive)

Name	Output Loops	Rated Control Voltage
HKG816	B	230
	↓	↓
	B:Transparent cover 8-on-8-off A:Non-transparent cover 16-on-16-off	230:AC230V

Voltage Stabilizer

Single-phase Full Automatic AC Voltage Stabilizer

HTND

Output Voltage	220V/230V 110V(1-5kVA)
Input voltage range	150-250V(0.5~10kVA), 150~290V(15~30kVA)
Power Rating	0.5kVA-30kVA
Connection	Europe plug British plug terminal connection
Shape	Desktop/Cabinet
Voltage Regulator Accuracy	±4%
Standard	EN61000-6-2 EN61000-6-4 EN61558-1

Name	Power Rating	Shape	Connect Type	Output Voltage
HTND	P5	G	HE	230
	↓ 1:1K ... 30:30K P means decimal point	↓ Default: Desktop G: Cabinet	↓ HE: Europe plug HB: British plug H: Terminal connect	↓ Default:220V 230:230V

HTND3

Output Voltage	220V/230V 110V(1-5kVA)
Input voltage range	150-250V(1~10kVA), 150~290V(15~30kVA)
Power Rating	1kVA-30kVA
Connection	Europe plug British plug terminal connection
Shape	Desktop/Cabinet
Voltage Regulator Accuracy	±4%
Standard	EN61000-6-2 EN61000-6-4 EN61558-1

Name	Power Rating	Shape	Connect Type	Output Voltage
HTNDC	1	G	HE	230
	↓ 1:1K ... 30:30K P means decimal point	↓ Default: Desktop G: Cabinet	↓ HE: Europe plug HB: British plug H: Terminal connect	↓ Default:220V 230:230V

Voltage Stabilizer

Single-phase Full Automatic AC Voltage Stabilizer

HSVC-B

Output Voltage	220x (1±4%)
Input voltage range	110~250 or 150~250(Optional input voltage range)
Power Rating	3kVA-10kVA
Shape	Wall hanging
Voltage Requlator Accuracy	±4%
Standard	EN61000-6-2 EN61000-6-4 EN61558-1

Product name	Rated power kVA	Structure	Input voltage	Other features
HSVCB	10	C	I110	WF
↓	↓	↓	↓	↓
HSVCB: HSVC-B	3: 3kVA 5: 5kVA 7: 7kVA 10: 10kVA	Default: Pointer display C: LCD display	Default: 150V~250V input I110: 110V~250V input	WF: With fan FD: With fan, With delay

Voltage Stabilizer

Three-phase Full Automatc AC Voltage Stabilizer

HSJW

Power Rating	1.5kVA-60kVA
Shape	Desktop/Cabinet
Input voltage range	260~430V(1.5~30KVA), 304~456V(45~60KVA)
Voltage Regulator Accuracy	±4%

Name	Power Rating	Shape
HSJW	1P5	G
	↓	↓
	1P5:1.5kVA 3:3kVA ... 60: 60kVA P means decimal point	Default: Desktop Only for 1.5kVA-4.5kVA G: Cabinet

Voltage Stabilizer

Three-phase Compensation AC Voltage Stabilizer

HSBW

Power Rating	10kVA-2000kVA
Input voltage range	304V~456V
Voltage Regulator Accuracy	±4%

Name	Power Rating
HSBW	10 ↓ 10:10kVA 15:15kVA ... 2000: 2000kVA

Uninterrupted Power Supply

Uninterrupted Power Supply

HUPS

Power Capacity(VA)	600VA, 800VA, 1000VA
Input voltage range	140~290V

Memo

Memo

Memo

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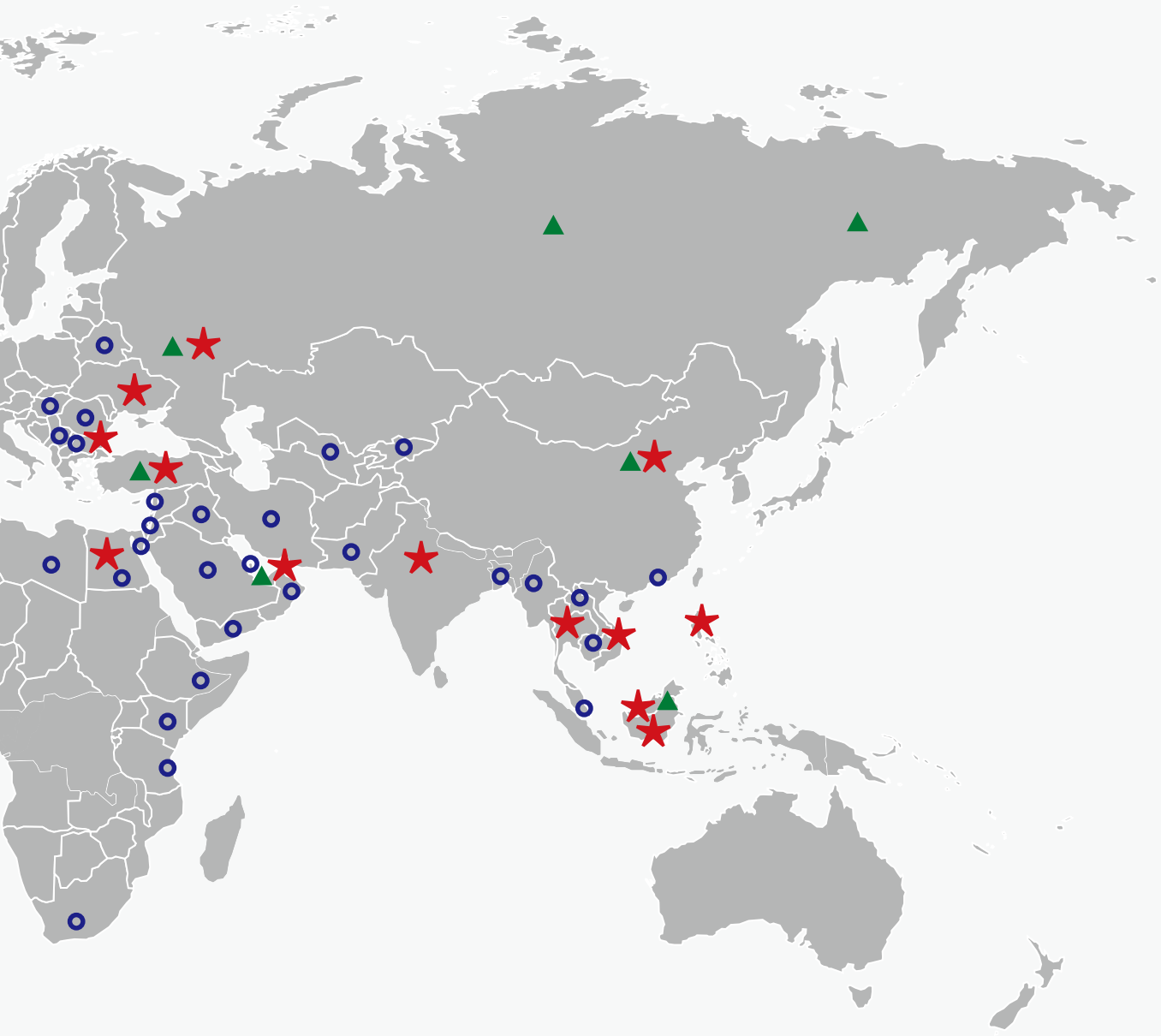

▲ means where we have a stock

★ means where we have a sales company

○ means where we have agents “only”

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