




Himel



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Target Applications



**Power Distribution
Panel**



**Capacitance Compensation
Cabinet**



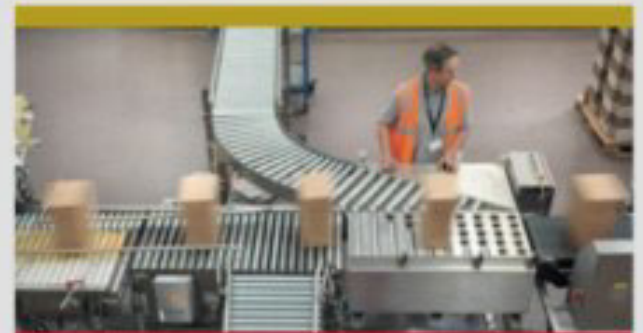
**Power Meter
Panel**



**Lighting
Panel**



**Control
Panel**



OEM



H72 / H96
Panel Meter



HDW6 / HDW9
Air Circuit Breaker
6300A/4000A



HDW6 / HDW9
Air Circuit Breaker
2500A / 1600A

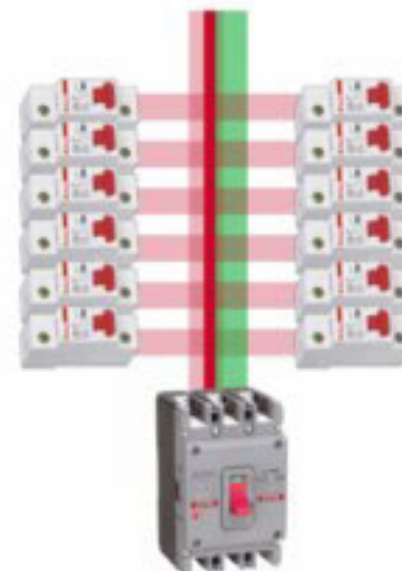


HDM3 / HDM6s
MCCB



HDB3w / HDB6s / HDB9
MCB / RCCB / RCBO

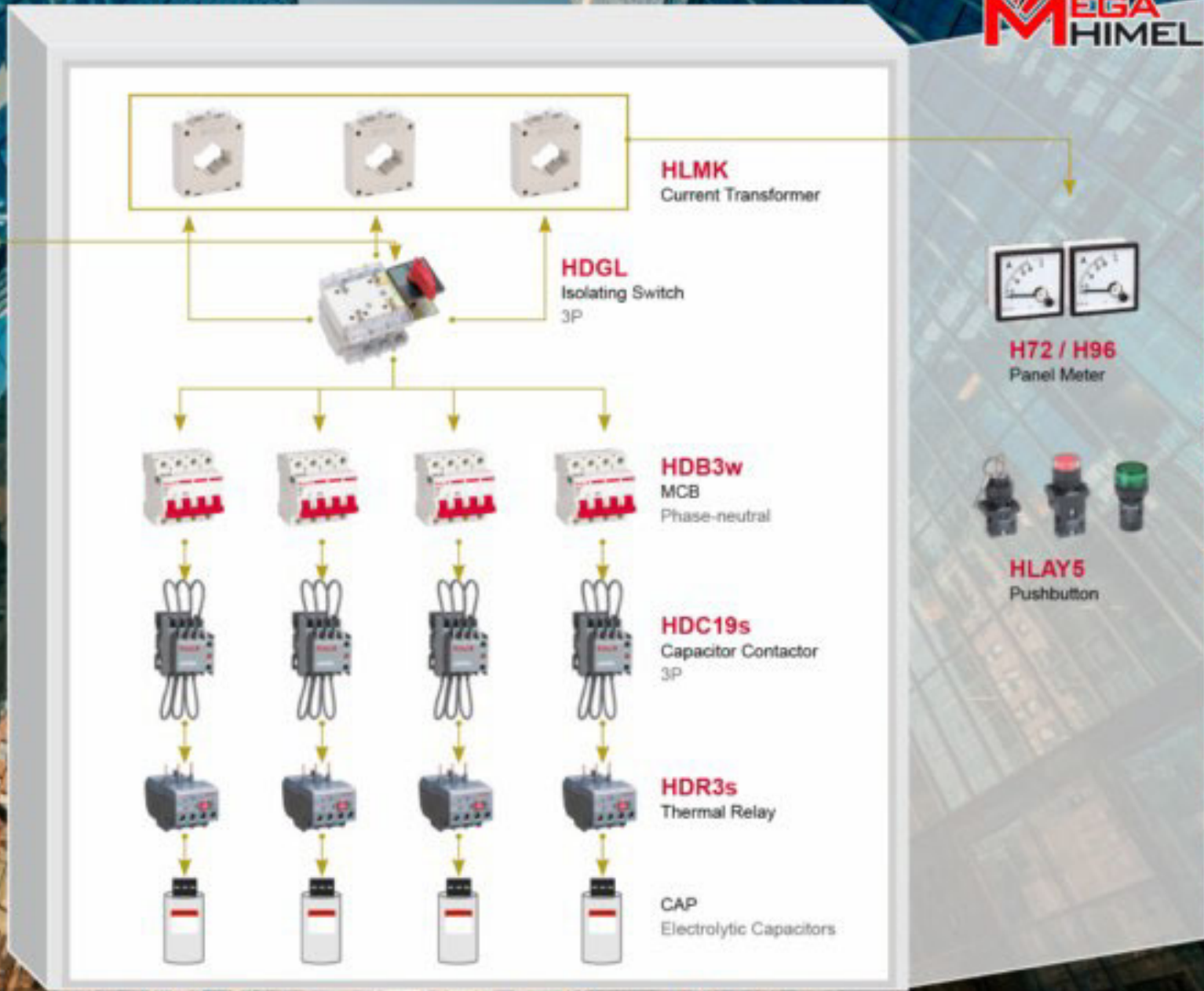
HDCH8S
Modular Contactor



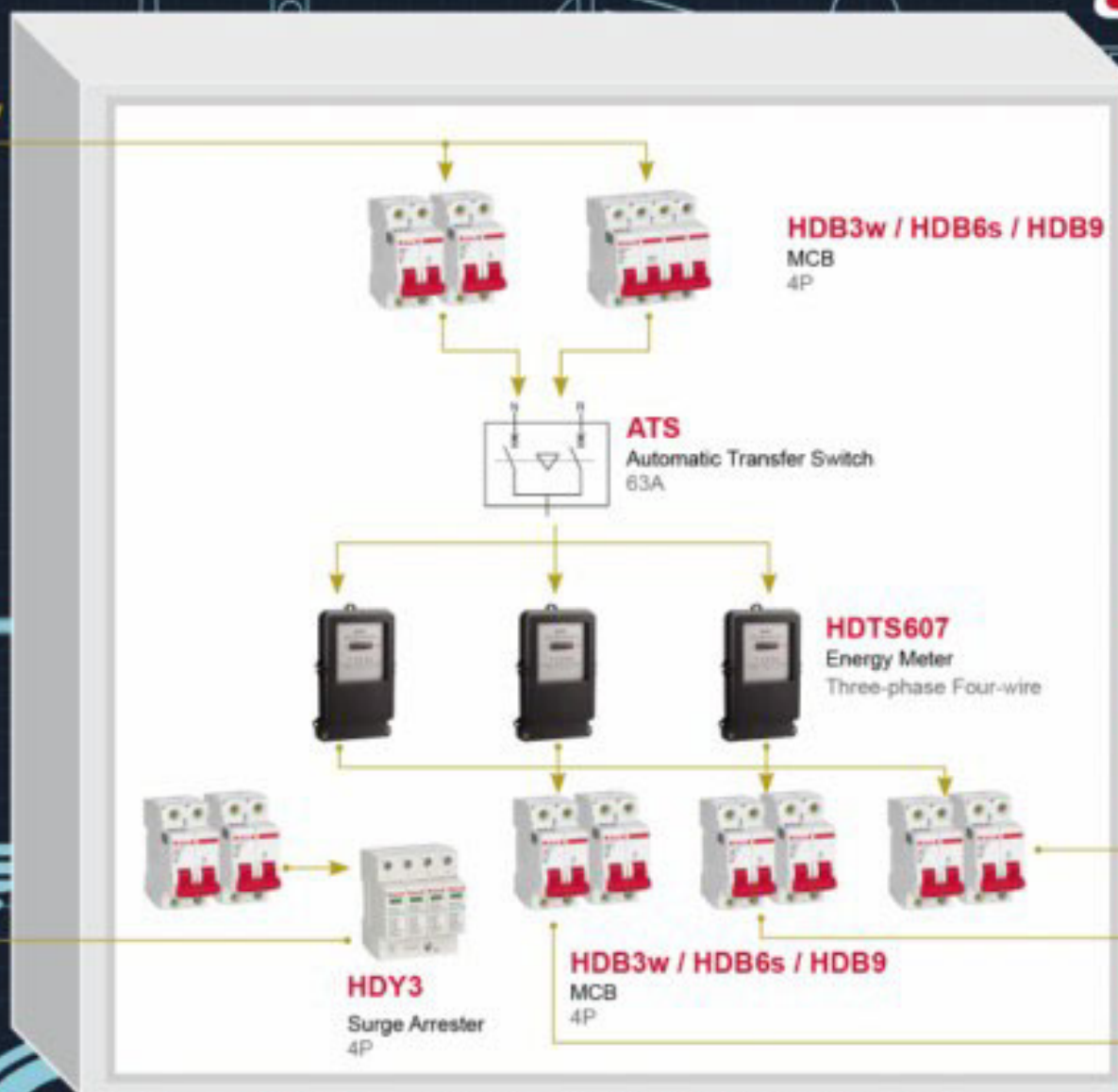
HDM3 / HDM6s
MCCB

Capacitance Compensation Cabinet

Power supply

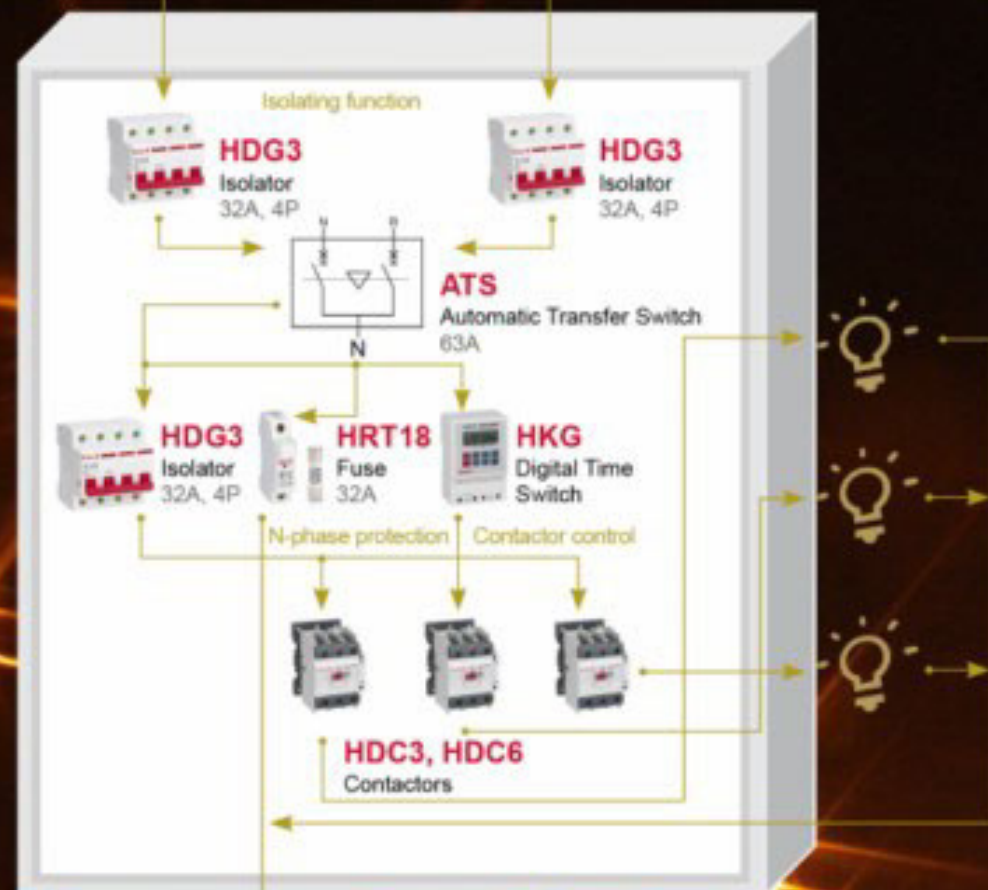


Power supply

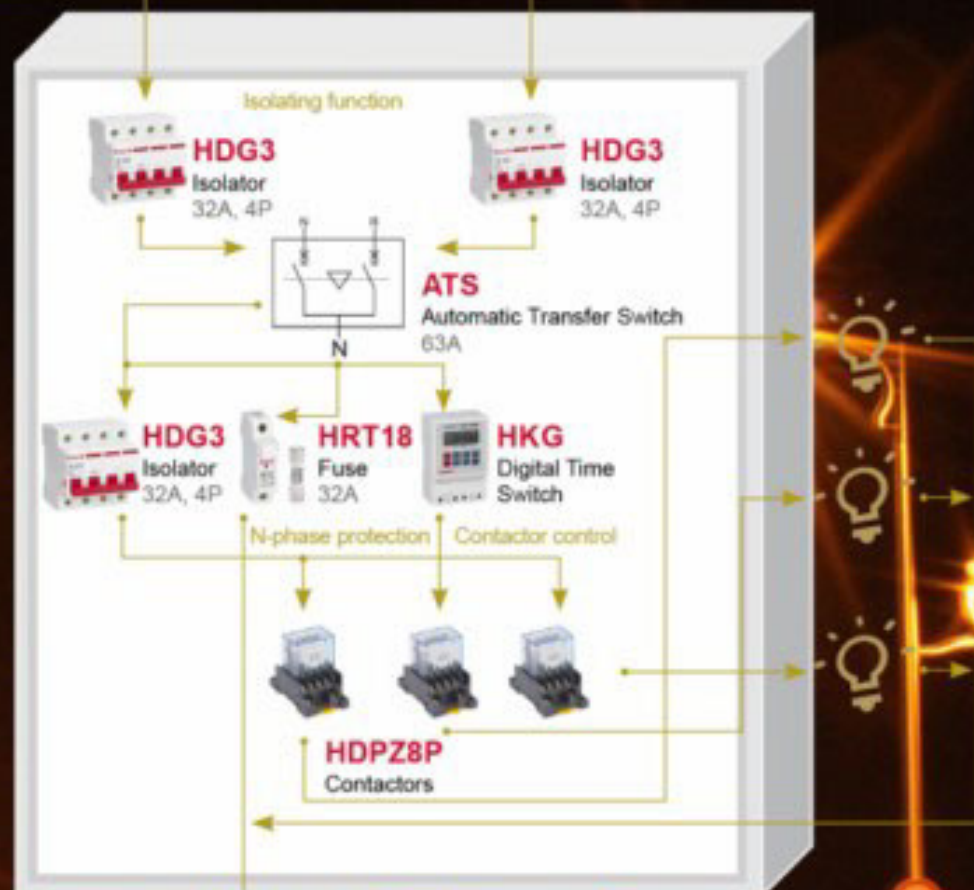


Lighting Panel

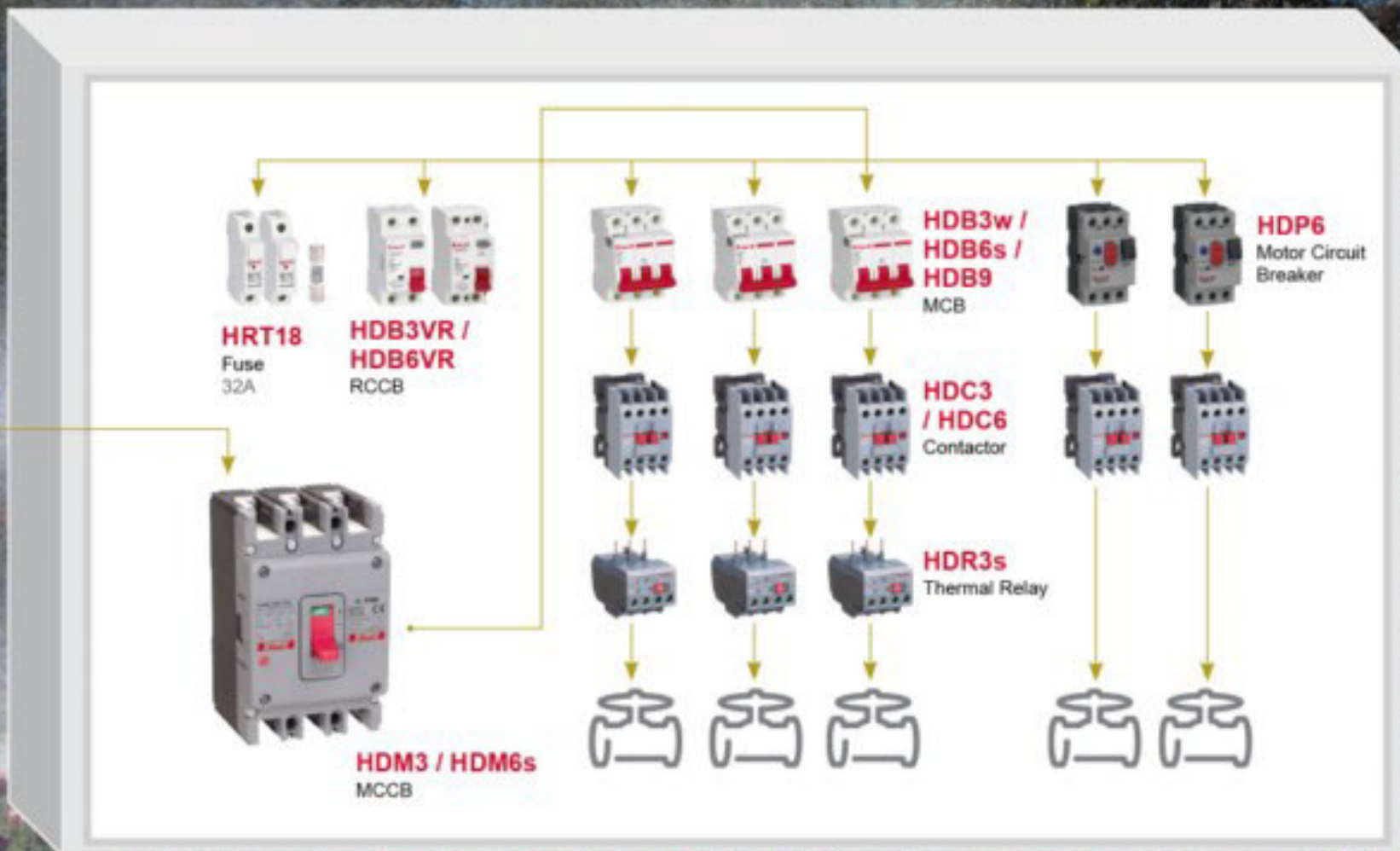
Power supply



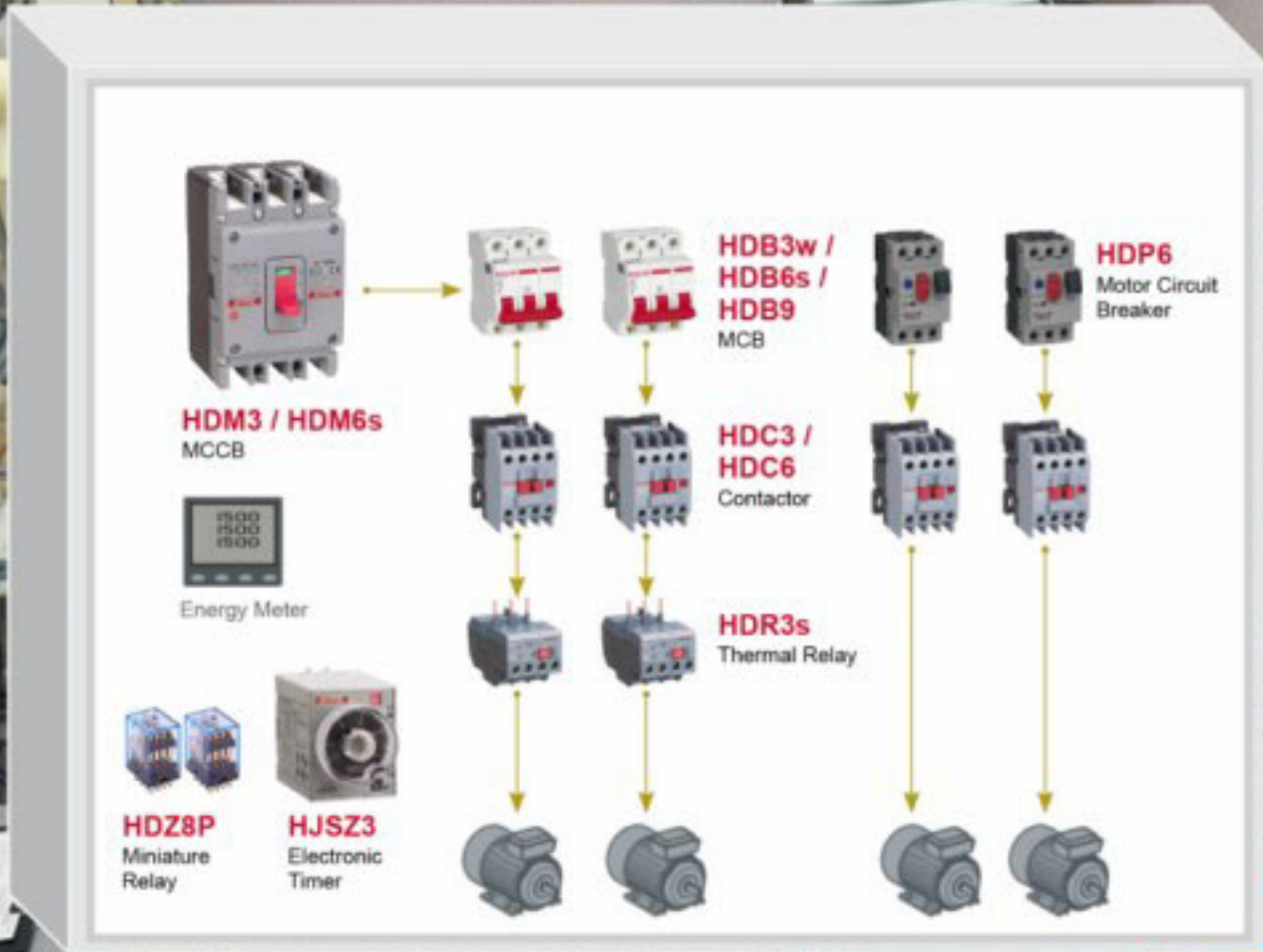
Power supply



Power supply

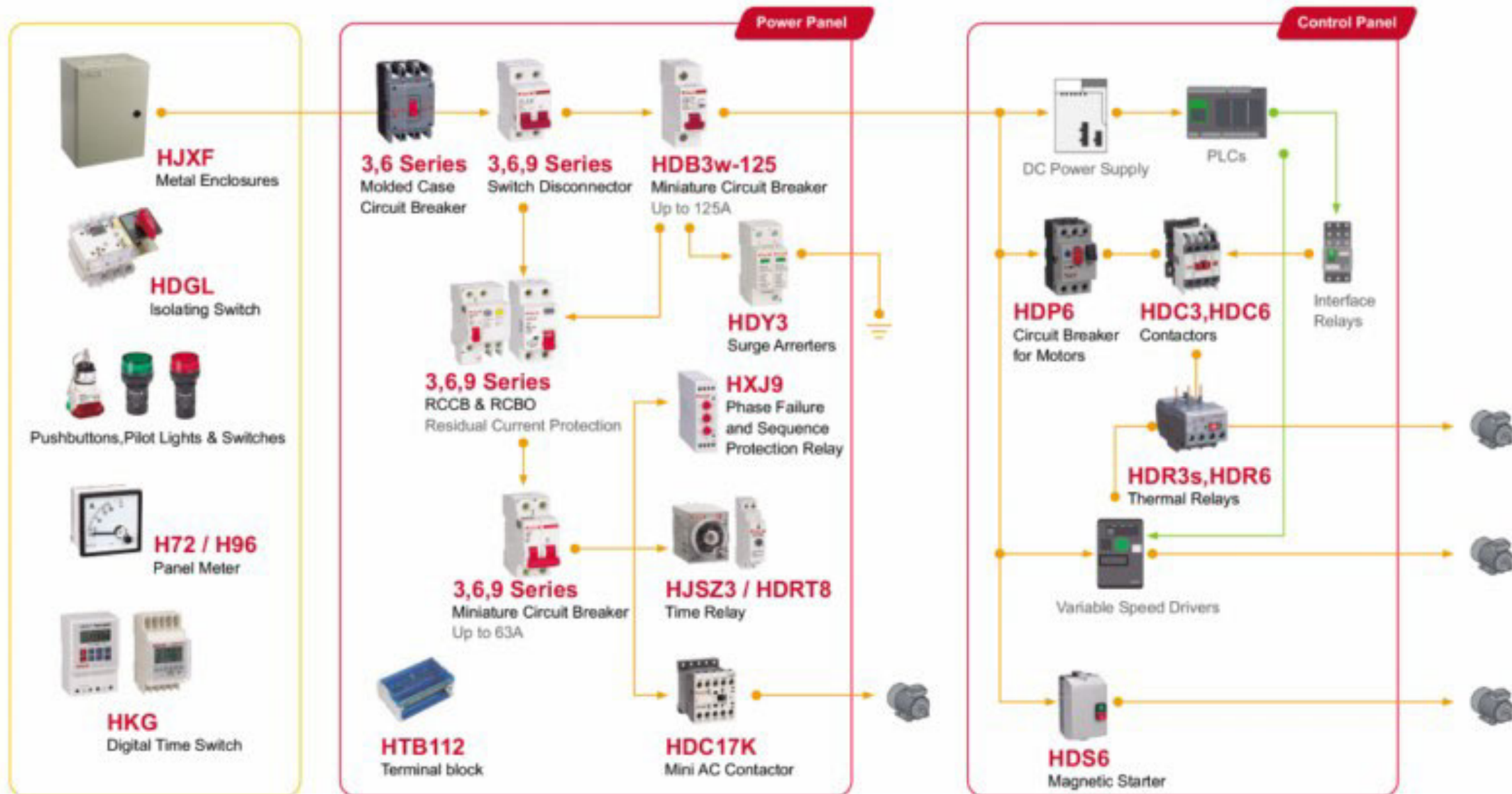


OEM



07

Panel Builder Architecture



ACB Panorama



	HDW6	HDW9
	Air Circuit Breaker	Air Circuit Breaker
In (A)	200,400,630,800,1000,1250,1600, 2000,2500,3200,4000,5000, 6300A	630,800,1000,1250,1600,2000,2500, 3200,4000, 5000,6300A
Poles	3P, 4P	3P, 4P
Breaking Capacity	42kA,80kA,120kA	50kA,65kA,100kA,120kA
Tripping Curve	Motor protection,Power distribution protection	Motor protection,Power distribution protection
Standard	IEC/EN 60947-2	IEC/EN 60947-2
Certificate	CE,KEMA	CE,KEMA

MCCB Panorama



	HDM3	HDM6s		HDM3E	HDM6E	HDM3L
	Molded Case Circuit Breaker	Fixed Molded Case Circuit Breaker	Thermal Adjustable Molded Case Circuit Breaker	Electronic Molded Case Circuit Breaker	Electronic Molded Case Circuit Breaker	Earth-leakage Circuit Breaker
In (A)	10,16,20,25,32,40,50,63, 80,100,125, 140,160,180,200,225,250,315,350,400,500,630,700,800,1000, 1250A	10,16,20,25,32,40,50, 63, 80,100,125,160,180,200, 225,250,315,350,400,500 ,630,700,800A	16,25,40,63,100, 125,160,200,250, 400,500,630A	125, 250, 400, 630, 800, 1600A	100, 250, 400, 630, 800A	16,20,25,32,40,50,63, 80,100,125,140,160,1 80,200,225,250,315, 350,400,500,630A
Poles	3P, 4P	3P, 4P	3P, 4P	3P, 4P	3P, 4P	3P, 4P
Breaking Capacity	18kA,21kA,25kA,26kA,30kA,35kA,36k A,39kA,40kA,50kA,60kA,70kA,85kA	18kA,25kA,26kA,30kA,35 kA,40kA,50kA,70kA	30kA,40kA, 50kA,70kA	50kA	50kA,70kA	35kA,50kA,70kA
Tripping Curve	Motor protection, Power distribution protection	Power distribution protection	Power distribution protection	Motor protection, Power distribution protection	Motor protection, Power distribution protection	Motor protection, Power distribution protection
Standard	IEC/EN 60947-2	IEC/EN 60947-2	IEC/EN 60947-2	IEC/EN 60947-2	IEC/EN 60947-2	IEC/EN 60947-2
Certificate	CE, KEMA, TUV,CB	CE, KEMA,CB	CE, KEMA,CB	CE	CE	CB, CE

Contactor Panorama



	HDC3	HDC6	HJX2 4P	HJX2-F 4P	HDC17K
	AC Contactor	AC Contactor	AC Contactor	AC Contactor	Mini AC Contactor
In (A)	6,9,12,18,25,32,40,50,65,80,95A	9,12,18,25,32,40,50,65,80,95,115,185,225,265,330,400,500,630A	9,12,25,40,50,65,80,95A	115,150,185,225,265,330,400,500,630,800A	6A,9A,12A
Poles	3P	3P	4P	4P	3P
Auxiliary contact	1NO,1NC,1NO1NC	1NO+1NC or NO contact	4NO,2NO+2NC	4NO	1NO,1NC
Coil Voltage	24,36,48,110,127,220/230,240,380/400,415,440	24,36,48,110,127,220,230,240,380,400,415	24,36,48,110,127,220,230,240,380,400,415,440	110,220,230,240,380,400,415,440	24,36,110,127,220/230,240,380/400
Frequency	50Hz, 50/60Hz	50Hz, 50/60Hz	50/60Hz	50/60Hz	50/60Hz
Standard	IEC/EN 60947-4-1	IEC/EN 60947-4-1	EN 60947-4-1	EN 60947-4-1	EN 60947-4-1
Certificate	CE, SEMKO, CB	CE, SEMKO, CB	CE	CE	CE

Relays Panorama



	HDR3s	HDR6	HDZ3	HDZ6	HDZ8P
	Thermal Overload Relay	Thermal Overload Relay	Contactor Relay	Contactor Relay	Mini Relay
In (A)	25A, 36A, 93A (frame current)	18A, 32A, 95A, 185A, 630A (frame current)	AC-15 380V:0.95 DC-13 220V:0.15	AC-15 230V:1.6 400V:0.95 DC-13 125V:0.55 220V:0.27	3A,5A,10A
Poles	3P	3P	3P	3P	2P,3P,4P
Contactor combination	-	-	4NO,3NO+1NC,2NO+2NC, 1NO+3NC,4NC	3NO+2NC,4NO+1NC	-
Coil Voltage	-	-	24,36,48,110,127,220/230, 240, 380/400,415,440	24,36,48,110,127,220, 380,415,440	6,12,24,36,48,60,110,127, 220,230,240,380
Frequency	50/60Hz	50/60Hz	50Hz, 50/60Hz	50Hz, 50/60Hz	DC,AC50/60Hz
Standard	IEC/EN 60947-4-1	IEC/EN 60947-4-1	EN 60947-5-1	IEC/EN 60947-5-1	EN 60947-1/60947-5-1
Certificate	CE, SEMKO, CB	CE, SEMKO, CB	CE	CE, SEMKO, CB	-

MCB panorama



	HDB3w	HDB3wH	HDB6s	HDB9	HDB9Z	HDB3w-125	HDB3wP	HDB3wHP	HDB3wZ	HDB6p	HDB9p
	18mm Miniature Circuit Breaker	18mm Miniature Circuit Breaker	18mm Miniature Circuit Breaker	18mm Miniature Circuit Breaker	18mm DC Miniature Circuit Breaker	27mm Miniature Circuit Breaker	Phase-neutral Circuit Breaker	Phase-neutral Circuit Breaker	18mm DC Miniature Circuit Breaker	Phase-neutral Circuit Breaker	Phase-neutral Circuit Breaker
In (A)	1, 2, 3, 4, 5, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63	1, 2, 3, 4, 5, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63	1, 2, 3, 4, 5, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63	63, 80, 100, 125	6, 10, 16, 20, 25, 32, 40	6, 10, 16, 20, 25, 32, 40	1, 2, 3, 4, 5, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63	6, 10, 16, 20, 25, 32	6, 10, 16, 20, 25, 32, 40
Poles	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 2P, 3P, 4P	1P, 2P, 3P, 4P	1P, 2P, 4P	1P, 2P, 3P, 4P	1P+N	1P+N	1P, 2P, 3P	1P+N	1P+N
Breaking Capacity	3kA, 4.5kA, 6kA	3kA, 4.5kA, 6kA	4.5kA, 6kA	6kA, 10kA	6kA, 10kA	6kA, 10kA	3kA, 4.5kA	3kA, 4.5kA	6kA	4.5kA	4.5kA, 6kA
Tripping Curve	B, C and D Curves	B, C and D Curves	B, C and D Curves	B, C and D Curves	B and C Curves	C and D Curves	C and D Curves	C and D Curves	B and C Curves	C Curves	C Curves
Standard	IEC/EN 60898-1	IEC/EN 60898-1	IEC/EN 60898-1	IEC/EN 60898-1	IEC/EN 60947-2	IEC/EN 60947-2	IEC/EN 60898-1	IEC/EN 60898-1	IEC/EN 60947-2	IEC/EN 60898-1	IEC/EN 60898-1
Certificate	CE, CB, TUV	CE, CB, TUV, RoHS	KEMA, CB, CE	KEMA, CB, CE, RoHS	CB, CE, SEMKO, RoHS	TUV, CB, CE	CE, CB, TUV	CE, CB, TUV, RoHS	CE, CB	CB, CE, SEMKO	CB, CE, SEMKO, RoHS

RCBO panorama



	HDB3wLE	HDB3wHLE	HDB9LE	HDB9LM	HDB3wLE-125	HDB3wPLE	HDB3wHPLE	HDB6pLE	HDB9PLE
	18mm RCBO	18mm RCBO	18mm RCBO	18mm RCBO	27mm RCBO	18mm phase-neutral RCBO	18mm phase-neutral RCBO	18mm phase-neutral RCBO	18mm phase-neutral RCBO
In (A)	6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A	6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A	6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A	6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A	63A, 80A, 100A, 125A	6A, 10A, 16A, 20A, 25A, 32A, 40A	6A, 10A, 16A, 20A, 25A, 32A, 40A	6A, 10A, 16A, 20A, 25A, 32A, 40A	6A, 10A, 16A, 20A, 25A, 32A, 40A
Poles	1P+N, 2P, 3P, 3P+N, 4P	1P+N, 2P, 3P, 3P+N, 4P	1P+N, 2P, 3P, 3P+N, 4P	1P+N, 3P+N	1P+N, 2P, 3P, 3P+N, 4P	1P+N	1P+N	1P+N	1P+N
Sensitivity	30mA, 50mA, 75mA, 100mA, 300mA	30mA, 50mA, 75mA, 100mA, 300mA	30mA, 300mA	30mA, 300mA	30mA, 50mA, 75mA, 100mA, 300mA	30mA	30mA	30mA	10mA, 30mA
Breaking Capacity	6kA	6kA	6kA	6kA	10kA	3kA, 4.5kA	3kA, 4.5kA	4.5kA	4.5kA, 6kA
Tripping Curve	C, D Curves	C, D Curves	C Curves	C Curves	C, D Curves	C, D Curves	C, D Curves	C Curves	C Curves
Standard	IEC/EN61009-1	IEC/EN61009-1	IEC/EN61009-1	IEC/EN61009-1	IEC/EN60947-2	IEC/EN61009-1	IEC/EN61009-1	IEC/EN61009-1	IEC/EN61009-1
Certificate	CE	CE	CE, RoHS	CE, TUV, ROHS	CE, CB	CE, CB, TUV	CE, CB, TUV, RoHS	CE, CB, SEMKO	CE, CB, TUV, RoHS

RCCB panorama



	HDB6VR	HDB3VR	HDB6v
	Electromagnetic Type Residual Current Switch	Electromagnetic Type Residual Current Switch	RCCB module
In (A)	10A, 16A, 25A, 32A, 40A, 63A, 80A, 100A	10A, 16A, 25A, 32A, 40A, 63A, 80A, 100A	
Poles	2P, 4P	2P, 4P	1P+N, 2P, 3P, 3P+N, 4P
Sensitivity	10mA, 30mA, 100mA, 300mA	10mA, 30mA, 100mA, 300mA	30mA, 100mA, 300mA
Standard	IEC/EN 61008-1	IEC/EN 61008-1	IEC/EN 61009-1
Certificate	TUV, CE, CB	TUV, CE, CB	

Disconnecter panorama



	HDB6IS	HDG3	HDG9
	Switch Disconnecter	Switch Disconnecter	Switch Disconnecter
In (A)	20A, 32A, 63A, 100A, 125A	20A, 25A, 32A, 40A, 63A, 80A, 100A, 125A	32A, 63A, 100A, 125A
Poles	1P, 2P, 3P, 4P	1P, 2P, 3P, 4P	1P, 2P, 3P, 4P
Standard	IEC/EN 60947-3	IEC/EN 60947-3	IEC/EN 60947-3
Certificate	CB, CE, SEMKO	CE, CB	CB, CE, TUV, ROHS

Pushbutton Panorama



	HLD11	HLAY5	HLAY7	HLAY8
	Indicator	Pushbutton	Pushbutton	Pushbutton
Type	Resistance, Capacitance	Self-return flush button, Rotary button, Key button, Mushroom button, Rotary reset emergency stop button, Two-head button, Self-return flush button with lamp, Pilot light	Self-locking high button, Self-locking flush button, High button, Full protection button, Rotary button, Key-operated button, Mushroom button, Self-locking mushroom button, Self-locking mushroom button with lamp, Rotary button with lamp, Mushroom button with lamp	Rotary button, Key-operated button, Mushroom button, Self-locking mushroom button, Self-locking mushroom button with lamp, Rotary button with lamp, Mushroom button with lamp
In	≤ 50mA	2~3.3A(AC-15), 0.5~1.1A(DC-13)	1.1~3.3A(AC-15), 0.25~1.1A(DC-13)	1.5~4.5A(AC-15), 0.25~0.8A(DC-13)
Current Type	AC, DC	AC	AC	AC
Voltage	6,12,24,36,48,110,127,220,230,380V	6,24,110,220,380V	6,24,110,220,380V	6,24,110,220,380V
Standard	IEC 60947-5-1	IEC 60947-5-1	IEC 60947-5-1	IEC 60947-5-1

Motor Control & Protection

Offer Portfolio



Motor Circuit Breaker



HDP6
(Thermal magnetic Circuit breaker)
0.1-32A
690V
6kA

Motor Starter

3 Poles AC Contactor



HDC3
6A – 95A
2.2kW – 45kW



HDC6
9A – 630A
4kW – 335kW



HJX2 4P
9A – 95A
4kW – 45kW



HJX2F 4P
115A – 800A
55kW – 400kW

Control Relays

Contactor Relay



HDZ3
2NO+2NC,3NO+1NC,
1NO+3NC,4NO+0NC,
0NO+4NC
24V – 440V



HDZ6
4NO+1NC,3NO+2NC
24V – 440V

Thermal Overload Relays



HDR3s
0.1-0.16A --- 80-93A
10, 10A



HDR6
0.1-0.15A --- 460-630A
10, 10A

Mini AC Contactor



HDC17-K
6A – 9A
1.5kW – 4kW

Switch Capacitor Contactor



HDC19s
12kvar – 60kvar
110V to 415V

Magnetic Starter



HDS6
0.1-0.15A --- 80-93A
2.2kW – 45kW

Miniature Relay



HDZ8P
3 / 5 / 10A

Electronic Timer



HJSZ3
120 / 240 / 400V

Phase Failure & Sequence Protection



HXJ9
5A Resistive
Reaction Time \leq 2S

Industrial Components

Offer Portfolio



Pushbutton, Switches & Pilot Lights

Pushbutton & Switches



HLAY5

AC-15: 380V/2A; 220/3.3A
DC-13: 220V/0.5A; 110V/1.1A



HLAY7

AC-15: 660V/1.1A; 380V/2.0A; 220V/3.3A
DC-13: 440V/0.25A; 220V/0.5A; 110V/1A



HLAY8

AC-15: 660V/1.1A; 380V/2.0A; 220V/3.3A
DC-13: 440V/0.25A; 220V/0.5A; 110V/1A



HLD11

AC/DC: 6/12/24/36/48/110/220V
AC: 220 / 230 / 380V

Pilot Lights

Fuse



HRT16

2-630A
500/690V
120kA(500); 50kA(690)



HRT16 Base

HRT16-00;-1;-2;-3
Resin



HRT18

2-63A
380V
100kA



HRT18 Holder

HRT18-32X; 32; 63X; 63
Resin / Nylon



HRT16

Installation tool

Industrial Plugs & Sockets



HDCPM
Moving Plugs
110-415V



HDCP
Fixed Plugs
110-415V



HDCSM
Moving Sockets
110-415V



HDCSF
Fixed Sockets
110-415V



HDCPS
Multi-function
Plugs & Sockets
110V; 230V

Accessories

Copper Terminal Block



HDB010



HDB019



HDB007



HDB043



HDB112

Din Rail



HDIN

Cable Connector



HCF



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