تسلاکالا
021-9102 6126 | teslakala.com

Himel



Panel Builder Catalogue

Target Applications



Power Distribution Panel



Capacitance Compensation Cabinet



Power Meter Panel



Lighting Panel



Control Panel



OEM

تسلاکالا
021-9102 6126 | teslakala.com

تسلاکالا
021-9102 6126 | teslakala.com

Power Distribution Panel



HP606
Panel Meter



HDW3
Air Circuit Breaker
4000A/6300A



HDW3
Air Circuit Breaker
1600A / 2000A/ 2500A / 3200A



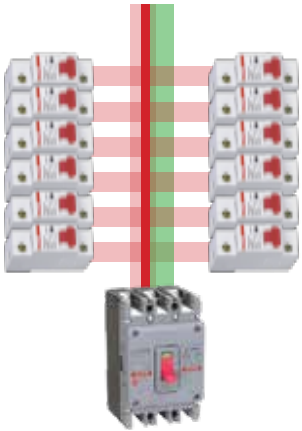
HDM3/HDM3L/HDM3E
MCCB



HDB3w/HDB3wH/HDB9
MCB



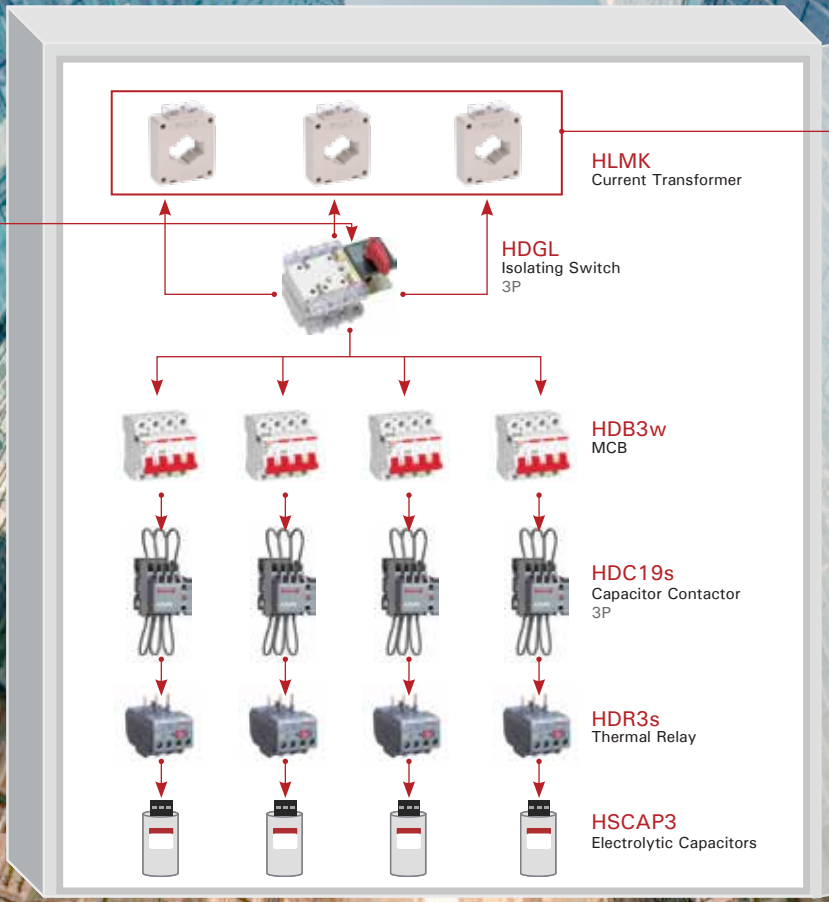
HDCH8S
Modular
Contactor



HDM3/HDM3L/HDM3E
MCCB

تسلاکالا
021-9102 6126 | teslakala.com

Capacitance Compensation Cabinet





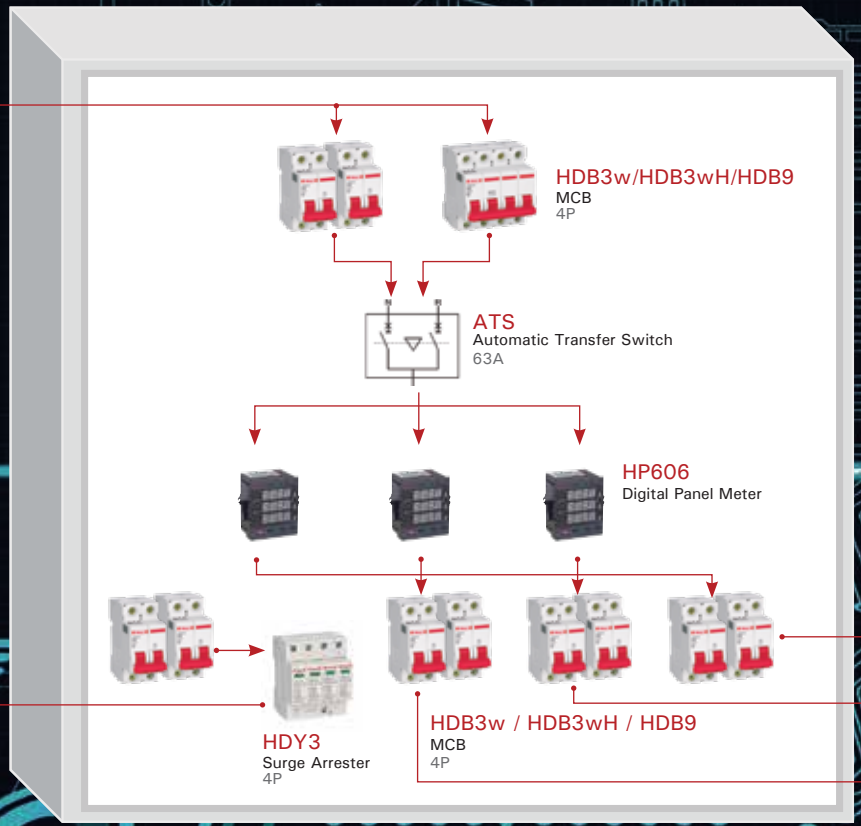
HP606
Panel Meter



HLAY5
Pushbutton

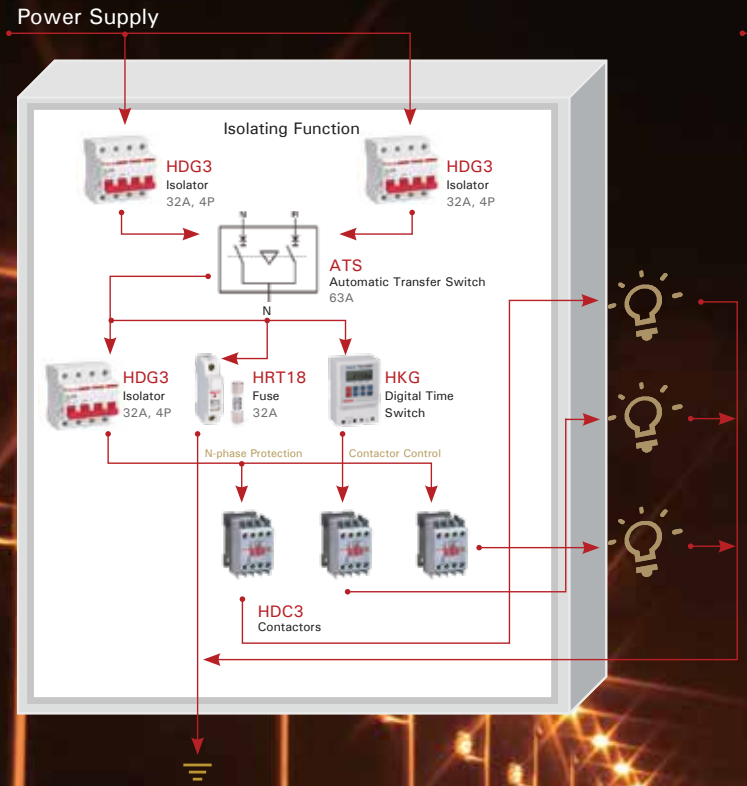
تسلاکالا
021-9102 6126 | teslakala.com

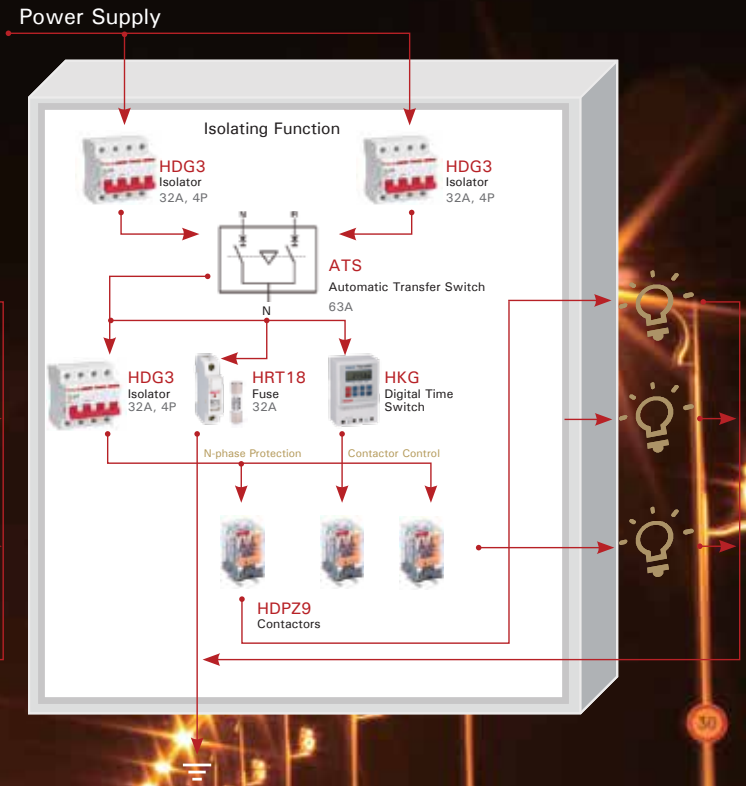
Power Meter Panel



تسلاکالا
021-9102 6126 | teslakala.com

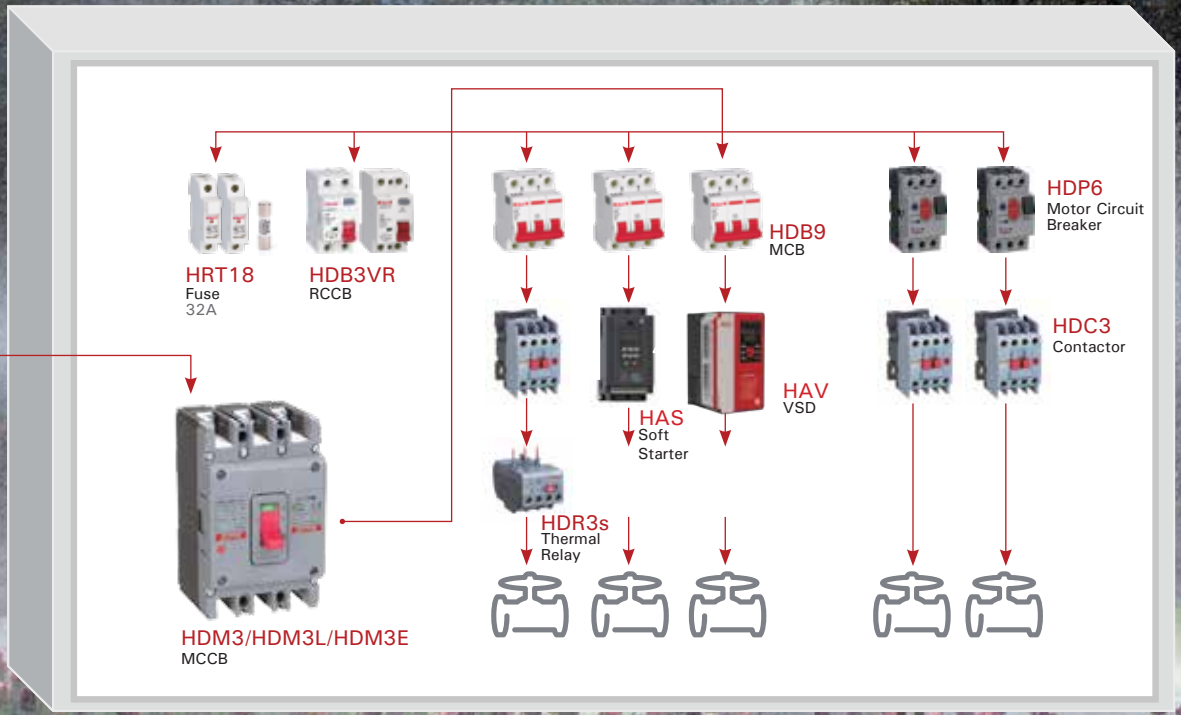
Lighting Panel





تسلاکالا
021-9102 6126 | teslakala.com

Control Panel



تسلاکالا
021-9102 6126 | teslakala.com

OEM



HDM3/HDM3L/HDM3E
MCCB



Energy Meter



HDZ9
Miniature Relay



HJSZ3
Electronic Timer





HDB9
MCB





HAV
VSD

HAS
Soft Starter









HDP6
Motor Circuit Breaker





HDC3
Contactor

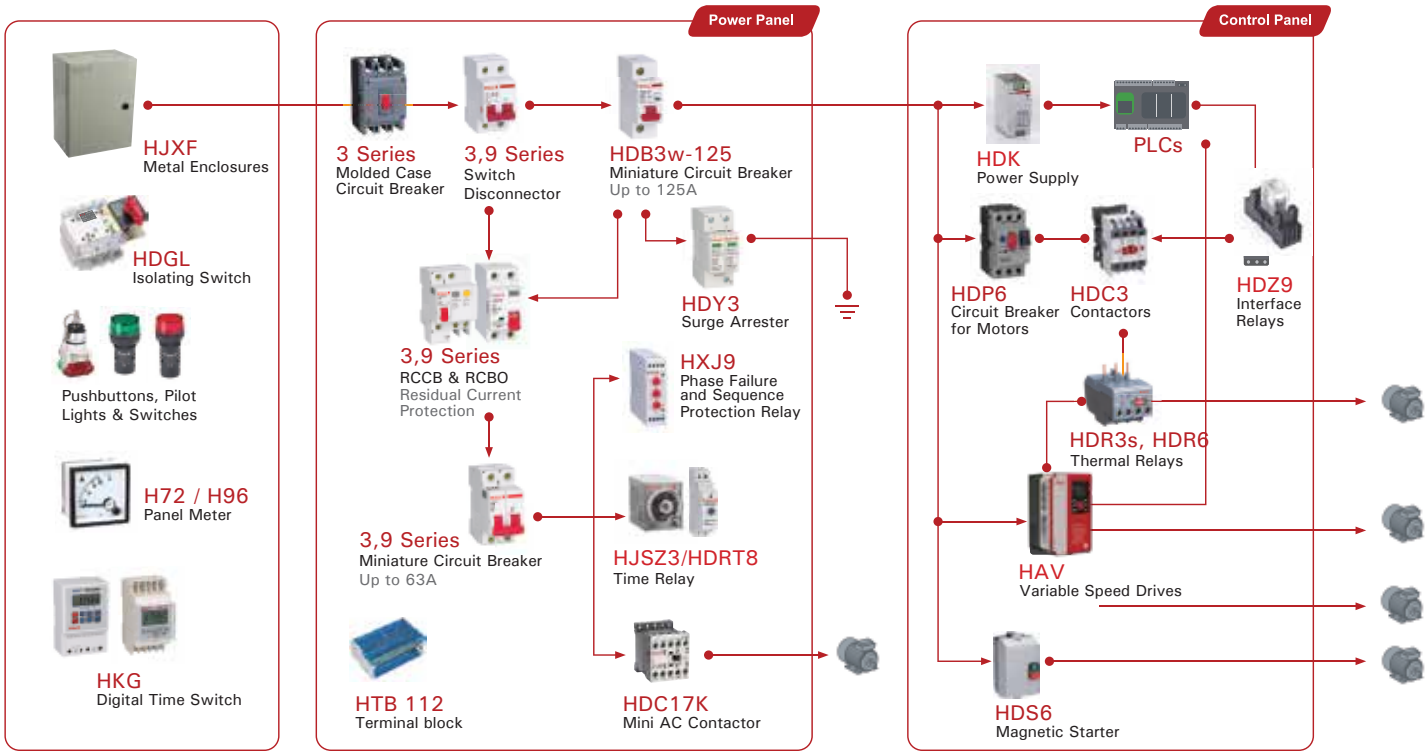


HDR3s
Thermal Relay





Panel Builder Architecture



ACB Panorama

HDW3

Technical Parameters

Common features

Pole	3,4	Rated frequency (Hz)	50/60
Rated operational voltage AC Ue(V)	400/415, 660/690V	For isolation	
Rated insulation voltage Ui(V)	1000	Circuit breaker characters conform to IEC 60947-2	
Rated impulse withstand voltage Uimp(kV)	12	Certification	CE KEMA





Product	HDW3									
Frame current	1600M	1600S	2000M	2000S	3200M	3200S	4000M	4000S	6300M	6300S
Rated current In(A)										
400	●	●								
630	●	●	●	●						
800	●	●	●	●						
1000	●	●	●	●						
1250	●	●	●	●						
1600	●	●	●	●			●	●		
2000			●	●	●	●	●	●		
2500					●	●	●	●		
3200					●	●	●	●		
4000							●	●	●	●
5000									●	●
6300									●	●

Breaking	400V	690V	400V	690V	400V	690V	400V	690V	400V	690V	400V	690V	400V	690V	400V	690V	400V	690V	400V	690V
Icu (kA)	50	35	42	35	80	50	65	40	80	65	65	50	100	65	85	65	120	85	85	75
Ics (kA)	42	35	42	35	65	40	65	40	65	50	65	50	85	65	85	65	100	75	85	75
Icw(1s)(kA)	42	35	42	35	65	40	65	40	65	50	65	50	85	65	85	65	85	75	85	75

تسلاکالا
021-9102 6126 | teslakala.com

MCCB Panorama







	HDM3	HDM3L	HDM3E
	Molded Case Circuit Breaker	Earth-leakage Circuit Breaker	Electronic Molded Case 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, 800,1000,1600A	16,20,25,32,40,50,63, 80,100,125, 140,160,180, 200, 225, 250, 315, 350, 400, 500, 630A	125, 250, 400, 630, 800, 1600A
Poles	3P, 4P	3P, 4P	3P, 4P
Breaking Capacity	18kA,21kA,25kA,26kA,30kA,35kA, 36kA,39kA,40kA,50kA,60kA,70kA,85kA	35kA, 50kA, 70kA	50kA
Tripping Curve	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
Certificate	CE, KEMA, TUV, CB	CB, CE	CE, TUV, CB

Contactor Panorama

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

تسلاکالا
021-9102 6126 | teslakala.com

Relays Panorama







	HDR3s	HDZ3	HDZ9
	Thermal Overload Relay	Contactor Relay	Mini Relay
In (A)	25A, 36A, 93A (frame current)	AC-15 380V:0.95 DC-13 220V:0.15	3A, 5A, 10A
Poles	3P	3P	2P, 3P, 4P
Contactor combination	-	4NO,3NO + 1NC,2NO + 2NC, 1NO + 3NC,4NC	-
Coil Voltage	-	24,36,48,110,127,220/230, 240, 380/400,415,440	6,12,24,36,48,60,110,127, 220,230,240,380
Frequency	50/60Hz	50Hz, 50/60Hz	DC,AC50/60Hz
Standard	IEC/EN 60947-4-1	EN 60947-5-1	EN 60947-1/60947-5-1
Certificate	CE, SEMKO, CB	CE	-

تسلاکالا
021-9102 6126 | teslakala.com

MCB Panorama

									
	HDB3w	HDB3wH	HDB9	HDB9Z	HDB3w-125	HDB3wP	HDB3wHP	HDB3wZ	HDB9p
	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
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, 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, 40
Poles	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 1P+N, 2P, 3P, 3P+N, 4P	1P, 2P, 3P, 4P	1P, 2P, 4P	1P, 2P, 3P, 4P	1P+N	1P+N	1P, 2P, 3P	1P+N
Breaking Capacity	3kA, 4.5kA 6kA	3kA, 4.5kA 6kA	6kA, 10kA	6kA, 10kA	6kA, 10kA	3kA, 4.5kA	3kA, 4.5kA	6kA	4.5kA, 6kA
Tripping Curve	B, C and D Curves	B, C and D Curves	B, C and D Curves	B and C Curves	B, C and D Curves	C and D Curves	C and D Curves	B and C Curves	C Curves
Standard	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
Certificate	CE,CB,TUV	CE, CB, TUV, RoHS	KEMA, CB, CE, RoHS	CB, CE, SEMKO, RoHS	TUV, CB, CE	CE, CB, TUV	CE, CB, TUV, RoHS	CE, CB	CB, CE, SEMKO, RoHS

تسلاکالا
021-9102 6126 | teslakala.com

RCBO Panorama










	HDB3wLE	HDB3wHLE	HDB9LE	HDB9LM	HDB3wLE-125	HDB3wPLE	HDB3wHPLE	HDB9PLE
	18mm RCBO	18mm RCBO	18mm RCBO	18mm RCBO	27mm 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
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
Sensitivity	30mA, 50mA, 75mA, 100mA, 300mA	30mA, 50mA, 75mA, 100mA, 300mA	30mA, 300mA	30mA, 300mA	30mA, 50mA, 75mA, 100mA, 300mA	30mA	30mA	10mA, 30mA
Breaking Capacity	6kA	6kA	6kA	6kA	10kA	3kA, 4.5kA	3kA, 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
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
Certificate	CE	CE	CE, RoHS	CE, TUV, ROHS	CE, CB	CE, CB, TUV	CE, CB, TUV, RoHS	CE, CB, TUV, RoHS

تسلاکالا
021-9102 6126 | teslakala.com

RCCB Panorama



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

Disconnector Panorama





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

تسلاکالا
021-9102 6126 | teslakala.com

تسلاکالا
021-9102 6126 | teslakala.com
CHIMEI

Pushbutton Panorama





	HLD11	HLAY5	HLAY7
	Indicator	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
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)
Current Type	AC, DC	AC	AC
Voltage	6, 12, 24, 36, 48, 110, 127, 220, 230, 380V	6, 24, 110, 220, 380V	6, 24, 110, 220, 380V
Standard	IEC 60947-5-1	IEC 60947-5-1	IEC 60947-5-1

Motor Control & Protection

Offer Portfolio

Motor Circuit Breaker



HDP6/HDP17Z
(Thermal magnetic Circuit breaker)
0.1-80A
690V

Thermal Overload Relays



HDR3s
0.1-0.15A...460-630A
10,10A

Motor Starter

3 Poles AC Contactor



HDC3
6A – 630A
2.2kW – 335kW

4 Poles AC Contactor



HJX24P
9A – 95A
4kW – 45kW

HJX2F4P
115A – 800A
55kW – 400kW

Mini AC Contactor



HDC17-K
6A – 9A
1.5kW – 4kW

Switch Capacitor Contactor



HDC19s
12kvar – 60kvar
110V to 415V

Magnetic Starter



HDS3
0.1-0.15A... 80-93A
2.2kW – 45kW

Control Relays

Contactor Relay



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

تسلاکالا
021-9102 6126 | teslakala.com

VSD

EXPERT Standard (XS)

Machines & Advanced general-purpose applications



1P 200-240V 0.7...2.2kW
3P 200-240V 0.7...160kW
3P 380-440V 0.7...850kW

BASIC (BA)

Small & Simple general-purpose applications



1P 200-240V 0.4...2.2kW
3P 200-240V 0.7...3kW
3P 380-440V 0.4...5.5kW

SMART Pump (SP)

Pump & Fan applications



3P 200 - 240V 2.2...45kW
3P 380 - 440V 2.2...160kW

SOLAR (SO)

Solar Pump Applications



1P 200-240V_{AC}/ 250-780V_{DC}
0.4...4kW
3P 380-440V_{AC}/ 250-780V_{DC}
0.7...160kW

Soft Starter

BASIC (HASBS)

General application
Heavy-duty



3P 380-440V 11...600kW

EXPERT (HASXS)

General application
Heavy-duty
Integrated Bypass contactor



3P 380-440V 11...600W

Industrial Components

Offer Portfolio

Pushbutton, Switches & Pilot Lights

Pushbutton & Switches

Pilot Lights



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



HLD11

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

AC: 220 / 230 / 380V

Axial Fan



HICF

0.09-0.08A

220V 15/12W

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

Limit Switch



HXCKM

5mm-0.5m/s

10-55Hz,1.5mm



HXCKP

5mm-0.5m/s

10-55Hz,1.5mm



HXCKD

5mm-0.5m/s

10-55Hz,1.5mm



HXCMP

5mm-0.5m/s

10-55Hz,1.5mm

Industrial Plugs & Sockets



HIPS

Moving industry Plug

220-415V



HIPS

Concealed fixed industry plug

220-415V



HIPS

Moving industry socket

220-415V



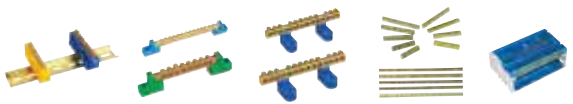
HIPS

Concealed fixed industry plug socket

220-415V

Accessories

Copper Terminal Block



HDB010 HDB019 HDB007 HDB043 HDB112

Din Rail



HDIN

Cable Connector



HCF

تسلاکالا

021-9102 6126 | teslakala.com



Himel