



Catalogue

Reliable made affordable





About Himel

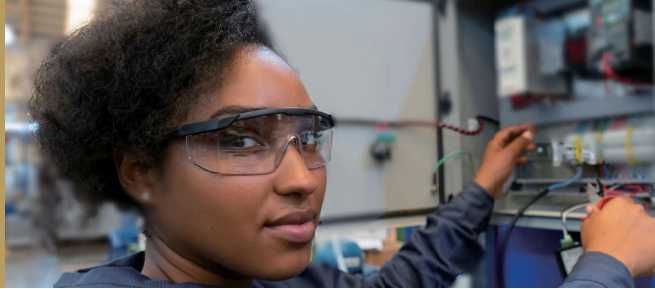
Himel is a multinational manufacturer and provider of electrical products successfully combining global expertise with local knowledge.

Founded by a Spanish entrepreneur in 1958, the company pioneered in exporting quality electrical enclosures, establishing Himel brand globally. Today, our global footprint and technology enable us to provide the best combination of affordable and reliable offers for Low Voltage Power distribution, Industry Automation and Home Electric to our long-term customers and partners in over 50 countries where we are present.

Himel. Reliable made affordable



Panel Components



HLAY5 Pushbuttons, Switches and Pilot Lights



HLAY5

Degree of protection: IP40 (IP65 with protective cover)
Material: Plastic/ Metal
Drilling or cut-out for mounting: Ø 22mm

HLAY5CS Control Stations

NEW



HLAY5CS

Compatible with HLAY5 pushbutton and switches Ø 22mm

HLAY7 Pushbuttons, Switches and Pilot Lights



HLAY7

Degree of protection: IP50
Material: Plastic
Drilling or cut-out for mounting: Ø 22/25/30mm

HLD11 Pilot lights



HLD11

Degree of protection: IP65
Step-down type: Resistance/ Capacitance
Specification: AC/DC: 6V/12V/24V/36V/48V/110V/220V/230V/380V
AC: 220V, 230V, 380V

Industrial Plugs & Sockets



HDCP Moving Industrial Plugs



HDP Fixed Industrial Plugs



HDSM Moving Industrial Sockets



HDSF Fixed Industrial Sockets



HDPS Multi-function Plugs and Sockets

HTB Copper Terminal Blocks



HTB010



HTB019



HTB007



HTB043



HTB112

HCF Cable Connectors



HCF

Thread specification: Metric Standard/ Germany Standard
Material: Nylon 66
Installation: Standard threaded hole
Color: Black/ Grey

Panel Components

HDIN DIN-Rails



HDIN

Thickness(mm): 1.0
Length: 1000mm,2000mm
Material: Aluminum, Steel

HDKUS AC to DC Switch Mode Power Supplies



HDKUS

Rated power: 35W, 50W, 75W, 100W, 150W, 200W, 350W
Output voltage: 5V, 12V, 24V, 36V, 48V
AC input frequency: 47~63Hz

HBK Control Transformers



HBK

Rated voltage up to 1200V
Rated capacity: 25VA~20kVA

Panel Components

HLAY5 Pushbuttons, Switches and Pilot Lights

Standard: IEC 60947-5-1



Range presentation

HLAY5 is Himel range of Pushbuttons, Switches and Pilot Lights designed to control and indicate the status of the circuit.

Features

- ◆ Compact size, suitable for small cabinet equipment
- ◆ Metal type delivers excellent resistance to mechanical shock and vibration
- ◆ Plastic type provides high resistance to chemical agents
- ◆ Screw clamp terminals allowing fast and easy connection
- ◆ Modular design allows flexible and simple setup for complete products

Online content



HLAY5

Selection Code

Range Name	Type	Color	Contacts
HLAY5	BA	4	2
	HLAY5BA: Metal Flush HLAY5EA: Plastic Flush	1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO+1NC
	HLAY5BC: Metal Φ 40 Mushroom HLAY5EC: Plastic Φ 40 Mushroom HLAY5BR: Metal Φ 60 Mushroom HLAY5ER: Plastic Φ 60 Mushroom	3: Green 4: Red	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO+1NC
	HLAY5BL832: Metal Double-headed flush/flush HLAY5BL842: Metal Double-headed flush/projecting	Default: Green and Red	5: 1NO+1NC

Range Name	Type	Diameter of Push	Color	Contacts
HLAY5	BS	5	4	2
	HLAY5BS: Metal Emergency stop pushbuttons, turn to release HLAY5ES: Plastic Emergency stop pushbuttons, turn to release	4: Φ 30 5: Φ 40 6: Φ 60	3: Green 4: Red	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO+1NC

Panel Components

HLAY5 Pushbuttons, Switches and Pilot Lights

Standard: IEC 60947-5-1



Selection Code

Range Name	Type	Number and Type of Positions	Contacts
HLAY5	BD	3	3
	HLAY5BD: Metal Selector switches with standard handle HLAY5ED: Plastic Selector switches with standard handle	2: 2p, stay put 3: 3p, stay put 4: 2p, spring return 5: 3p, spring return	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO+1NC
	HLAY5BJ: Metal Selector switches with long handle HLAY5EJ: Plastic Selector switches with long handle		
	HLAY5BG: Metal Key switches HLAY5EG: Plastic Key switches		

Range Name	Type	Color	Supply Voltage	Contacts	Light Source
HLAY5	BW3	3	M	1	L
	HLAY5BW3: Metal Illuminated pushbuttons with flush push HLAY5EW3: Plastic Illuminated pushbuttons with flush push	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	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO+1NC	L: LED
	HLAY5BW84: Metal Illuminated pushbuttons with double-headed flush/projecting HLAY5EW84: Plastic Illuminated pushbuttons with double-headed flush/projecting	Default: Green and Red	T: 6V B: 24V F: 110V M: 220V Q: 380V	5: 1NO+1NC	L: LED

Range Name	Type	Supply Voltage	Color	Light Source
HLAY5	BV	M	3	L
	HLAY5BV: Metal Pilot light	T: 6V B: 24V F: 110V M: 220V Q: 380V	1: White 3: Green 4: Red 5: Yellow 6: Blue 7: Pure white 8: Pure blue	L: LED


Panel Components

HLAY5 Pushbuttons, Switches and Pilot Lights

Standard: IEC 60947-5-1



Selection Code

Range Name	Type	Contacts
HLAY5	BE10	1
	HLAY5BE10: Contact blocks	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO+1NC



Technical parameters

Range name		HLAY5						
Usage mode		Rated value						
AC-15	Rated voltage (Ue)	V	380				220	
	Rated current (Ie)	A	2				3.3	
DC-13	Rated voltage (Ue)	V	220				110	
	Rated current (Ie)	A	0.5				1.1	
Mechanical endurance	10 ⁵	10(Flush, Mushroom, Illuminated type) 1(Other types)						
Electric endurance	10 ⁵	AC: 10 / DC: 2 (Flush, Mushroom type)						
		0.5 (Other types)						
Rated thermal current (Ith)	A	6						
Rated impulse withstand voltage (Uimp)	V	6000						
Degree of protection	IP40 (IP65 with protective cover)							
Illuminated pushbutton								
Power supplier voltage	V	6	12	24	110	220	380	
LED		✓	✓	✓	✓	✓	✓	

Environment

Temperature	-5°C to +40°C
Relative humidity	≤50% (40°C) 90% (20°C)
Altitude	≤2000m
Pollution degree	3

Panel Components

HLAY5CS Control Stations

Standard: IEC 60947-5-1



Range presentation

HLAY5CS is Himel range of Control Stations designed for auxiliary or direct control of industrial machinery and processes.

Features

- ◆ Single-brand solution using Himel control stations and pushbuttons simplifies your choices
- ◆ Maximized flexibility
 - Empty control stations for customer assembly
 - Complete control stations with ready-to-use buttons
- ◆ Wide offer of pushbuttons and accessories for commonly encountered functions

Online content



HLAY5CS

Selection Code

Range name	Type	Enclosure material	Cut-outs	Enclosure cover	Pushbutton Material	Empty Enclosures/ Complete Stations (Pushbutton Code)
HLAY5	CS	P	1	1	B	A
HLAY5	CS: Control station	P: Plastic	1: 1-hole 2: 2-hole 3: 3-hole 4: 4-hole 5: 5-hole	1: White 5: Yellow	B: Metal E: Plastic	Default: Empty enclosures A: Flush S: Emergency stop pushbuttons, turn to release

Technical parameters

Control Stations		HLAY5CS	
Main			
Associated control and signaling units		Ø 22 control and signalling units	
Number of cut-outs		1, 2, 3, 4 or 5	
Material		ABS	
Lid colour		White or yellow	
Degree of protection		IP40 (IP54 with protective cover)	
Function		According to equipment fitted: <ul style="list-style-type: none"> ● Start or Stop ● Start-Stop with pilot light ● Motion control ● Emergency stop 	
Knockout diameter		M20(PG13.5)	
Complementary			
Rated insulation voltage (Ui)		660V	
Rated conventional thermal current (Ith)		6A	
Rated voltage (Ue)		220V/380V	
Rated current (Ie)	AC-15	1.3A/3A	
	DC-13	0.27A/0.55A	
Environment			
Ambient air temperature for storage		-25 to +70°C	
Ambient air temperature for operation		-25 to +70°C	
Conformity to standards		IEC60947-5-1	



Panel Components

HLAY7 Pushbuttons, Switches and Pilot Lights

Standard: IEC 60947-5-1



Pushbuttons, Switches and Pilot Lights

HLAY7 is Himel range of plastic Pushbuttons, Switches and Pilot lights designed to control and indicate the status of the circuit.

Features

- ◆ Wide choice of heads and cut-outs
- ◆ Stackable modules, flexible to assemble more contacts
- ◆ Anti-rotation plate prevents the pushbutton head from rotation

Online content



HLAY7

Selection Code

Range Name	Type	Contacts	Color	Drilling or cut-out for mounting
HLAY7	11	BN	3	2
	HLAY7**BN: Flush, spring return		1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue	
 	HLAY7**BNZS: Flush, push-push HLAY7**GN: Projecting, spring return HLAY7**GNZS: Projecting, push-push HLAY7**JN: Recessed (high guard)	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	3: Green 4: Red	2: Ø22 3: Ø25 4: Ø30
 	HLAY7**M: Ø40 Mushroom, spring return HLAY7**MZS: Ø40 Mushroom, push-push HLAY7**ZS: Ø40 Emergency stop pushbuttons, turn to release		3: Green 4: Red	

Range Name	Type	Contacts	Number and Type of Positions	Color	Drilling or cut-out for mounting
HLAY7	11	XB	20	2	2
 	HLAY7**X: Selector switches with standard handle HLAY7**XB: Selector switches with long handle HLAY7**Y: Key switches	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	20: 2p, stay put 21: 2p, spring return from right to center 30: 3p, stay put 31: 3p, spring return from right to center 33: 3p, spring return to center	2: Black 3: Green 4: Red	2: Ø22 3: Ø25 4: Ø30

Panel Components

HLAY7 Pushbuttons, Switches and Pilot Lights

Standard: IEC 60947-5-1



Selection Code

Range Name	Type	Contacts	Color	Supply Voltage	Drilling or cut-out for mounting	Light Source
HLAY7	11	DZS	4	M	2	L
 	HLAY7**D: Illuminated projecting, spring return HLAY7**DZS: Illuminated projecting, push-push HLAY7**DM: Illuminated mushroom, spring return HLAY7**DMZS: Illuminated mushroom, push-push	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	3: Green 4: Red 5: Yellow 6: Blue 7: Pure white 8: Pure blue 3: Green 4: Red	T: 6V B: 24V F: 110V M: 220V Q: 380V	2: Ø22 3: Ø25 4: Ø30	L: LED

Range Name	Type	Contacts	Number and Type of Positions (For switches)	Color	Supply Voltage	Drilling or cut-out for mounting	Light Source
HLAY7	11	XD	20	3	M	2	L
	HLAY7**XD: Illuminated selector switches with standard handle	10: 1NO 01: 1NC 20: 2NO 02: 2NC 11: 1NO+1NC	20: 2p, stay put 30: 3p, stay put	3: Green 4: Red	T: 6V B: 24V F: 110V M: 220V Q: 380V	2: Ø22 3: Ø25 4: Ø30	L: LED

Range Name	Type	Color	Supply Voltage	Drilling or cut-out for mounting
HLAY7	XD3	4	M	2
	HLAY7XD3: Pilot Light 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: Ø22

Panel Components

HLAY7 Pushbuttons, Switches and Pilot Lights

Standard: IEC 60947-5-1



Selection Code

Range Name	Type	Contacts
HLAY7	BE10	1



HLAY7BE10: Contact blocks

- 1: 1NO
- 2: 1NC
- 3: 2NO
- 4: 2NC
- 5: 1NO+1NC



Technical parameters

Pushbuttons and Switches			HLAY7		
Usage mode			Rated value		
AC-15	Rated voltage (Ue)	V	660	380	220
	Rated current (Ie)	A	1.1	2	3.3
DC-13	Rated voltage (Ue)	V	440	220	110
	Rated current (Ie)	A	0.25	0.5	1
Mechanical endurance	10 ⁵	10 (Flush type), 3 (Switches)			
		1 (Push-push type)			
Electric endurance	10 ⁵	6 (Flush type), 1 (Switches)			
		0.5 (Push-push type)			
Rated thermal current (I _{th})	A	10			
Operation frequency	T/h	1200			
Contact resistance	mΩ	≤50			
Illuminated pushbutton			LED		
Working voltage	(Ue)V	6, 24, 110, 220, 380			
Lifetime	h	≥3000			

Environment

Ambient temperature	-5°C--+40°C
Relative humidity	≤ 50% (40°C) 90% (20°C)
Altitude	≤ 2000m
Pollution degree	3

Panel Components

HLD11 Pilot Lights

Standard: IEC 60947-5-1



Range presentation

HLD11 is Himel range of Pilot Lights designed for:

- Pilot signal and alarm signal
- Emergency signals and other instructions incidents signals

Features

- Compact design, all-in-one construction
- LED light provides long life, low consumption, high brightness
- IP65 front-of-panel high protection against ingress of solid objects, dust, and water
- Excellent resistance to mechanical shock and vibration
- Anti-interference, no improper indication of residual lights

Online content



HLD11

Selection Code

Range name	Drilling or cut-out for mounting	Type	Step-down type	Shape of head	Rated voltage	Color
HLD11	22	D	4	1	M	4
	22: Ø22	A: Full cover head & long terminal	2: Resistance type 4: Capacitance type	1: Circular	T: AC/DC 6V J: AC/DC 12V B: AC/DC 24V F: AC/DC 110V M: AC/DC 220V N: AC 230V Q: AC 380V	7: White 3: Green 4: Red 5: Yellow 8: Blue
	22: Ø22	B: Half cover head & long terminal	2: Resistance type 4: Capacitance type	1: Circular	T: AC/DC 6V J: AC/DC 12V B: AC/DC 24V F: AC/DC 110V M: AC/DC 220V N: AC 230V Q: AC 380V	7: White 3: Green 4: Red 5: Yellow 8: Blue
	22: Ø22	C: Full cover head & short terminal	2: Resistance type 4: Capacitance type	1: Circular	T: AC/DC 6V J: AC/DC 12V B: AC/DC 24V F: AC/DC 110V M: AC 220V N: AC 230V Q: AC 380V	7: White 3: Green 4: Red 5: Yellow 8: Blue
	22: Ø22	D: Half cover head & short terminal	2: Resistance type 4: Capacitance type	1: Circular	T: AC/DC 6V J: AC/DC 12V B: AC/DC 24V F: AC/DC 110V M: AC 220V N: AC 230V Q: AC 380V	7: White 3: Green 4: Red 5: Yellow 8: Blue

Technical parameters

Pilot Lights	HLD11	
Rated voltage	AC/DC (Resistance type) A2,B2: 6V,12V,24V,36V,48V,110V,220V, C2,D2: 6V,12V,24V,36V,48V,110V	AC (Capacitance type) A4,B4,C4,D4: 220V,230V,380V
Rated current (mA)	≤50	
Working life (H)	30000	
Brightness of light (cd/m ²)	≥40	
Power frequency withstand voltage	2500V AC 1min	
Degree of protection	IP65	

Panel Components

Industrial Plugs & Sockets

Standard: IEC 60309-1-2



























Range presentation

HDPM, HDP, HDSM, HDSF, HDPS are Himel ranges of Industrial Plugs and Sockets designed for quick disassembly and assembly of electrical connection. They are mainly used in OEM industry and temporary power supply.

Features

- ◆ Waterproof and dustproof.
- ◆ Long mechanical life and durability

Selection Code

Range name	Pole no	Rated current	IP	Rated voltage	Reference	
HDPM	3	32	IP44	1		
HDPM: Moving industrial plugs 	3: 2P+E 	16: 16A 32: 32A	IP44: IP44	1: 110~130V	HDPM316IP441 HDPM332IP441	
	4: 3P+E 			Default: 230~250V	HDPM316IP44 HDPM332IP44	
	5: 3P+N+E 			Default: 400~415V	HDPM416IP44 HDPM432IP44	
	3: 2P+E 	63: 63A 125: 125A		1: 110~130V	HDPM516IP44	
	4: 3P+E 			Default: 230~400V	HDPM516IP44	
	5: 3P+N+E 			Default: 240~415V	HDPM532IP44	
HDP: Fixed industrial plugs 	3: 2P+E 	16: 16A 32: 32A	IP44: IP44	1: 110~130V	HDP316IP441 HDP332IP441	
	4: 3P+E 			Default: 230~250V	HDP316IP44 HDP332IP44	
	5: 3P+N+E 			Default: 400~415V	HDP416IP44 HDP432IP44	
	3: 2P+E 	63: 63A		1: 110~130V	HDP516IP44	
	4: 3P+E 			Default: 230~400V	HDP516IP44	
	5: 3P+N+E 			Default: 240~415V	HDP532IP44	
HDSM: Moving Industrial sockets 	3: 2P+E 	16: 16A 32: 32A	IP44: IP44	1: 110~130V	HDSM316IP441 HDSM332IP441	
	4: 3P+E 			Default: 230~250V	HDSM316IP44 HDSM332IP44	
	5: 3P+N+E 			Default: 400~415V	HDSM416IP44 HDSM432IP44	
	3: 2P+E 			63: 63A 125: 125A	1: 110~130V	HDSM516IP44
	4: 3P+E 				Default: 230~400V	HDSM516IP44
	5: 3P+N+E 				Default: 240~415V	HDSM532IP44
	3: 2P+E 	IP67: IP67	1: 110~130V		HDSM363IP67 HDSM3125IP67	
	4: 3P+E 		Default: 230~250V		HDSM363IP67	
	5: 3P+N+E 		Default: 400~415V		HDSM463IP67 HDSM4125IP67	
			Default: 230~400V	HDSM563IP67		
			Default: 240~415V	HDSM5125IP67		

Panel Components

Industrial Plugs & Sockets


Standard: IEC 60309-1-2



HDSF: Fixed industrial sockets



Input&output	Rated current	Rated voltage	Reference	Pole no.
3: 2P+E 	16: 16A 32: 32A	IP44: IP44	1: 110~130V	HDSF316IP441 HDSF332IP441
4: 3P+E 			Default: 230~250V	HDSF316IP44 HDSF332IP44
5: 3P+N+E 			Default: 400~415V	HDSF416IP44 HDSF432IP44
3: 2P+E 	63: 63A 125: 125A	IP67: IP67	1: 110~130V	HDSF516IP44
4: 3P+E 			Default: 230~400V	HDSF516IP44
5: 3P+N+E 			Default: 240~415V	HDSF532IP44
3: 2P+E 	IP67: IP67	IP67: IP67	1: 110~130V	HDSF363IP67 HDSF3125IP67
4: 3P+E 			Default: 230~250V	HDSF363IP67
5: 3P+N+E 			Default: 400~415V	HDSF463IP67 HDSF4125IP67
			Default: 230~400V	HDSF563IP67
			Default: 240~415V	HDSF5125IP67

Range Name	Input&output	Rated current	Rated voltage	Reference	Pole no.
HDPS		16	230		
HDPS: Multi-function plugs and sockets 	3: 1 Plug & 2 Sockets	16: 16A	230: 230V 110: 110V	HDP316230 HDP316110	2P+E
	4: 1 Plug & 3 Sockets		230: 230V 110: 110V	HDP416230 HDP416110	

Technical parameters	
Industrial Plugs & Sockets	HDPM, HDP, HDSM, HDSF, HDPS
Connecting type	Fixed, moving, multi-function
Pole	2P+E, 3P+E, 3P+N+E
Voltage	110-115V, 230V
Current	16A, 32A, 63A, 125A
Standard	IEC 60309-1-2

Online content



HDP



HDPM



HDPS



HDSF



HDSM

Panel Components

HTB Copper Terminal Blocks

Standard: EN 61439-6



Range presentation

HTB is Himel range of Copper Terminal Blocks designed for distribution box, distribution cabinet, lighting box, etc.

Features

- ◆ Brass with high strength, high hardness, good wear resistance, high carrying capacity, easy wiring, not easy to oxidize
- ◆ Wide choice of thickness and width

Online content



HTB

Selection code

Range name	Type	Cross section	Number of holes	*Color of holder	Reference	Hole diameter (mm)	Installation dimension (mm)	Overall dimension (mm)
HTB	010	0609	W4	Y				
	010: 010 typ	0609: 6mm*9mm	W4: 4 holes	Y: Yellow B: Blue	HTB0100609W4* HTB0100609W6* HTB0100609W8* HTB0100609W10* HTB0100609W12* HTB0100609W14* HTB0100609W16*	5.2	35x7.5	88.5x12.1
			W6: 6 holes					88.5x12.1
			W8: 8 holes					88.5x12.1
			W10: 10 holes					88.5x12.1
			W12: 12 holes					90.5x12.1
			W14: 14 holes					103.5x12.1
			W16: 16 holes					116.5x12.1
		0812: 8mm*12mm	W4: 4 holes	Y: Yellow B: Blue	HTB0100812W4* HTB0100812W6* HTB0100812W8* HTB0100812W10* HTB0100812W12* HTB0100812W14* HTB0100812W16*	6		88.5x12.1
			W6: 6 holes					88.5x12.1
			W8: 8 holes					88.5x12.1
			W10: 10 holes					88.5x12.1
			W12: 12 holes					102.5x12.1
			W14: 14 holes					117.5x12.1
			W16: 16 holes					132x12.1

Range name	Type	Cross section	Number of holes	*Color of holder	Reference	Hole diameter (mm)	Installation dimension (mm)	Overall dimension (mm)
HTB	019	0609	W4	B				
	019: 019 type	0609: 6mm*9mm	W4: 4 holes	B: Blue G: Green	HTB0190609W4* HTB0190609W6* HTB0190609W8* HTB0190609W10* HTB0190609W12* HTB0190609W14* HTB0190609W16*	5.2	64.5	76.5x12.5
			W6: 6 holes					89.5x12.5
			W8: 8 holes				77.5	102.5x12.5
			W10: 10 holes				90.5	115.5x12.5
			W12: 12 holes				103.5	128.5x12.5
			W14: 14 holes				116.5	141.5x12.5
			W16: 16 holes				129.5	154.5x12.5
		0812: 8mm*12mm	W4: 4 holes	B: Blue G: Green	HTB0190812W4* HTB0190812W6* HTB0190812W8* HTB0190812W10* HTB0190812W12* HTB0190812W14* HTB0190812W16*	6	71.5	84.5x12.5
			W6: 6 holes					86.5
			W8: 8 holes				101.5	114.5x12.5
			W10: 10 holes				116.5	129.5x12.5
			W12: 12 holes				131.5	144.5x12.5
			W14: 14 holes				146.5	159.5x12.5
			W16: 16 holes				161.5	174.5x12.5

Panel Components

HTB Copper Terminal Blocks

Standard: EN 61439-6



Selection Code

Range name	Type	Cross section	Number of holes	*Color of holder	Reference	Hole diameter (mm)	Installation dimension (mm)	Overall dimension (mm)
HTB	007	0609	W6	B				
	007: 007 type	0609: 6mm*9mm	W6: 6 holes	B: Blue G: Green	HTB0070609W6* HTB0070609W8* HTB0070609W10* HTB0070609W12* HTB0070609W14* HTB0070609W16*	5.2	44.5	58.5x29
			W8: 8 holes					65.5x29
			W10: 10 holes					78.5x29
			W12: 12 holes					91.5x29
			W14: 14 holes					104.5x29
			W16: 16 holes					117.5x29
		0812: 8mm*12mm	W6: 6 holes	B: Blue G: Green	HTB0070812W6* HTB0070812W8* HTB0070812W10* HTB0070812W12* HTB0070812W14* HTB0070812W16*	6	52.5	68.5x28.5
			W8: 8 holes					77.5x28.5
			W10: 10 holes					92.5x28.5
			W12: 12 holes					107.5x28.5
			W14: 14 holes					122.5x28.5
			W16: 16 holes					137.5x28.5

Range name	Type	Cross section	Number of holes	Reference	Hole diameter (mm)	Screw dimension (mm)
HTB	043	1616	W078			
	043: 043 type	1616: 16x16	W78: 78 holes	HTB0431616W078	9	M6*12
		1414: 14x14	W109: 109 holes	HTB0431414W109	7	M6*12
		1010: 10x10	W116: 116 holes	HTB0431010W116	6	M5*10
		0812: 8x12	W116: 116 holes	HTB0430812W116	6.5	M5*10
		0810: 8x10	W116: 116 holes	HTB0430810W116	6	M5*10
		0909: 9x9	W116: 116 holes	HTB0430909W116	5.5	M5*10
		0709: 7x9	W133: 133 holes	HTB0430709W133	5.2	M4*10
		0808: 8x8	W133: 133 holes	HTB0430808W133	5.2	M4*8
		0609: 6x9	W133: 133 holes	HTB0430609W133	5.2	M4*8
		0608: 6x8	W133: 133 holes	HTB0430608W133	5	M4*8

Range name	Type	Cross section	Number of holes	Reference	Hole diameter (mm)	Screw dimension (mm)
HTB	112	W2	P7			
	112: 112 type	W2: 2 lines	P7: 7 holes	HTB112W2P7	65*45*51	45xM4
		W2: 2 lines	P15: 15 holes	HTB112W2P15	132*45*51	112xM4
		W4: 4 lines	P7: 7 holes	HTB112W4P7	65*88*51	45xM4
		W4: 4 lines	P11: 11 holes	HTB112W4P11	100*88*51	80xM4
		W4: 4 lines	P15: 15 holes	HTB112W4P15	132*88*51	112xM4

Panel Components

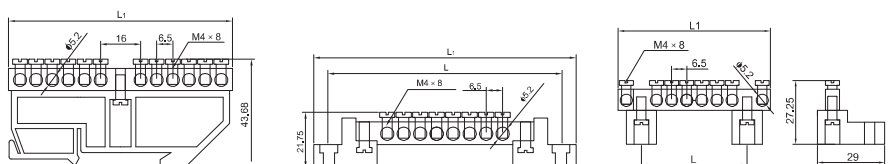
HTB Copper Terminal Blocks

Standard: EN 61439-6



Technical parameters					
Type	HTB010	HTB019	HTB007	HTB043	HTB112
Hole	4, 6, 8, 10, 12, 14, 16	4, 6, 8, 10, 12, 14, 16	6, 8, 10, 12, 14, 16	78, 109, 116, 133	2x7, 2x15, 4x7, 4x11, 4x15
Hole diameter (mm)	5.2, 6	5.2, 6	5.2, 6	5, 9	5.2
Screw dimension (mm)	M4*8, M5*10	M4*8, M5*10	M4*8, M5*10	M4*8–M6*12	M4
Max current(A)	100, 150	100, 150	100, 150	100, 200	125

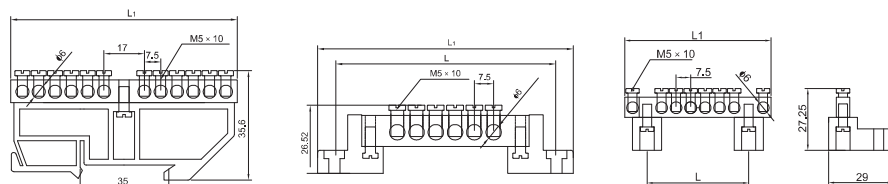
Dimensions



HTB0100609

HTB0190609

HTB0070609



HTB0100812

HTB0190812

HTB0070812

Panel Components

HCF Cable Connectors

Standard: EN 60947-1



Online content



HCF

Range presentation

HCF is Himel range of Cable Connectors designed for fixing cables of control panel, power distribution box, machine, electrical appliance, etc.

Selection Code

Range name	Thread type	Thread external diameter (mm)	IP	Color	Reference	Cable range (mm)	Panel hole (mm)	Thread length (mm)	Spanner size A&F
HCF MG 12 IP68 W									
MG: Metric	Metric	IP68	B: Black W: Gray	HCFMG12IP68B	HCFMG12IP68W	7.6-4.6	12.5	8.5	18/19
				HCFMG16IP68B	HCFMG16IP68W	10-6	16.5	15	22/22
				HCFMG20IP68B	HCFMG20IP68W	14-9	20.5	15	27/27
				HCFMG25IP68B	HCFMG25IP68W	18-13	25.5	15	33/33
				HCFMG32IP68B	HCFMG32IP68W	25-18	33	15	41/41
				HCFMG40IP68B	HCFMG40IP68W	30-24	41	20	50/50
				HCFMG50IP68B	HCFMG50IP68W	41-30	51	22	62/62
				HCFMG63IP68B	HCFMG63IP68W	51-40	64	25	75/75
PG: German	German	IP54	W: Gray	-	HCFPG7IP54W	7-3.5	12.5	8	17/19
				-	HCFPG9IP54W	8-4.5	15.2	8.5	22/19
				-	HCFPG11IP54W	10-5-6	18.6	9	24/22
				-	HCFPG135IP54W	12.5-7.5	20.4	9.6	27/24
				-	HCFPG16IP54W	14-8.5	22.5	10	30/27
				-	HCFPG21IP54W	18-12.5	28.3	12	36/33
				-	HCFPG29IP54W	25-18	37	15	46/41
				-	HCFPG36IP54W	30-23	47	15	57/50
				-	HCFPG42IP54W	39-30	54	15.5	64/62
				-	HCFPG48IP54W	45-35	59.3	15.5	70/65

Technical parameters	
Cable Connectors	HCF
Thread specification	Metric Standard/ German Standard
Material	Nylon 66
Working temperature	-40°C~+100°C
Max temperature in short interval	+120°C
Installation	Standard threaded hole
Colour	Black & gray

Panel Components

HDIN DIN Rail

Standard: EN 60947-1



Range presentation


HDIN is Himel range of Din Rails designed to install air switch, contactor and other electrical components.

Online content

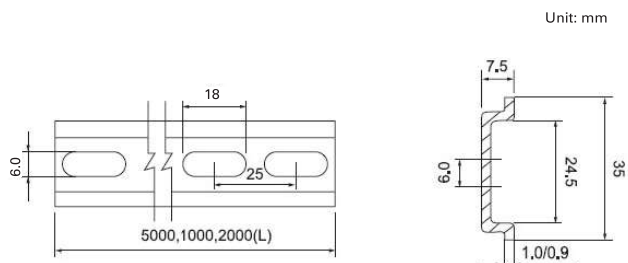


HDIN

Selection code

Range Name	Material	Length
HDIN	02T	1000
HDIN: Thickness (mm) 1.0 DIN Rail 	02T: Aluminum 12T: Steel	1000: 1000mm 2000: 2000mm

Overall dimensions



Panel Components

HDKUS Switch Mode Power Supply

Standard: EN 61558-1, EN 61558-2-16,
EN 61000-6-2, EN 61000-6-4



Range presentation

HDKUS is Himel range of Switch Mode Power Supply. It can be widely used in the following fields:

- Industrial control system
- Industrial automation machinery
- Mechanical and electrical equipment
- Electronic instruments
- Household appliances

In those fields, our product is used as the power supply for LED screen, electronic testing equipment, control equipment, radio and television, computer network, medical apparatus and instruments, intelligent monitoring, and many more.

Features

- ◆ 30mm ultra-thin enclosure design
- ◆ Easy to install and light weight
- ◆ Full range of AC input voltage (90-264VAC); high efficiency and small output ripple
- ◆ Low power loss design; less heat consumption; no load power consumption is only 0.2-1.0W
- ◆ High frequency PWM control technology & fast response
- ◆ High power MOSFET driving; stable and reliable operation strong overload ability 100% full load aging test can be passed for all products
- ◆ Complete protection functions: overvoltage protection, overload protection, over-temperature protection, short circuit protection, etc.

Online content



HDKUS

Selection code

Range name	Rated power	Output voltage
HDKUS	50	12
HDKUS	35: 35W 50: 50W 75: 75W 100: 100W 150: 150W 200: 200W 350: 350W	05: 5V 12: 12V 24: 24V 36: 36V 48: 48V

Technical parameters						
Switch Mode Power Supply	HDKUS					
Rated power	35W	50W	75W	100W	150W	200W 350W
AC Input voltage	100-264 V (actual input voltage range: 90-264 V)					85-132 V / 176-264 V (can be switched)
AC Input frequency	47-63 Hz					
Output stability	≤1%					
Load regulation rate	≤1% (standard)					
Micro regulation range of output voltage	±10% (rated output voltage)					
Ripple and noise	≤1% peak value (100mVp-p standard)					
Overvoltage protection	110%-140% (protection mode: output is tripped, and it will be recovered automatically when the abnormal condition is eliminated)					
Overload protection	110%-150% (protection mode: hiccup mode is activated, and it will be recovered automatically when the abnormal condition is eliminated)					
Over-temperature protection	-					100±5°C
Output loop	Single					

Panel Components

HBK Control Transformers

Standard: IEC61558-2-2



Range presentation

HBK series is Himel range of AC to AC Voltage Transformers. It is applied to the electrical system of the machine tool and other mechanical equipments which is used as the power supply of the control circuits, lighting circuit, signaling circuits and electronic devices; it also has two or more than two-electrical-isolated – winding transformer.

Features

- ◆ Simple structure and strong anti-seismic capacity
- ◆ High level automation and good product consistency.
- ◆ Good safety performance and high production efficiency
- ◆ Strong load capacity and overvoltage capacity

Online content



HBK

Selection code

Range name	Rated capacity	Voltage ratio (input/output)	Isolation	Transformer type	Voltage type
HBK	100	E9	G	M	C
HBK	00025: 25VA 00050: 50VA 00060: 60VA 00063: 63VA 00100: 100VA 10000: 10kVA 15000: 15kVA 20000: 20kVA	D1: 380V/220V D2: 380V/36V D3: 380V/24V D7: 220V/220V D8: 220V/36V D9: 220V/24V D5V: 380V/5V E1: 400V/230V E7: 230V/230V E8: 230V/36V E9: 230V/24V E5V: 230V/5V F1: 240V380V 415V/12V24V110V F2: 230V380V415V /12V24V230V	Default: no isolation G: isolation: only available when input equals to output voltage	Default: single-input & single-output type M: Multi-input & Multi-output type	For Multi-input & Multi-output type, two structures can be selected: C: Center-tapped Winding S: Separate Winding

Note: For customization requirement, please consult us directly

Technical parameters

Control Transformers	HBK
Rated voltage	≤1200V
Rated frequency	50Hz, 60Hz
Insulation resistance	≥5MΩ
Insulation class	B
Rated duty	Uninterrupted Duty
Standard	IEC 61558-2-2



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May 2020

