



About Himel

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

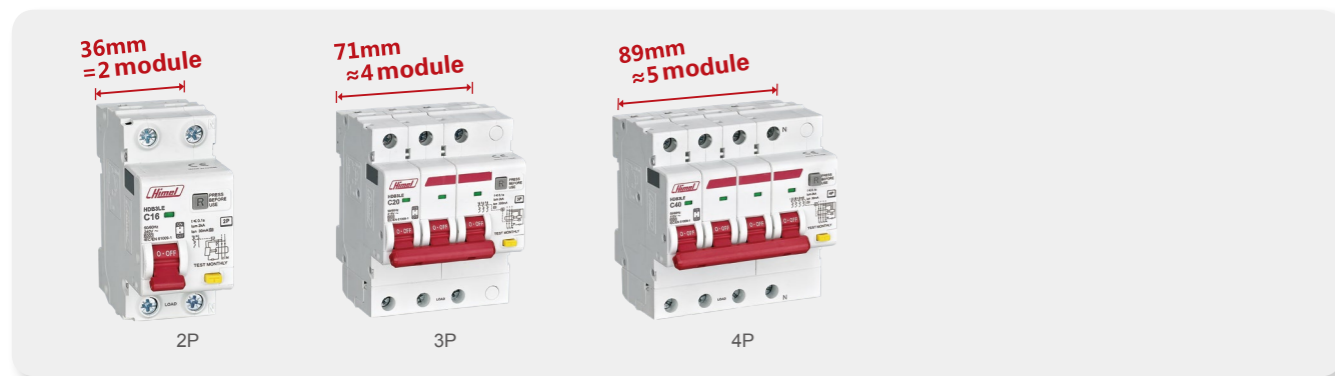
Founded by a Spanish entrepreneur in 1958, the company pioneered in exporting quality electrical enclosures, establishing Himel brand globally. Today, our global footprint and technology enable us to provide the best combination of affordable and reliable offers for Low Voltage Power distribution, Industry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

Himel. Reliable made affordable

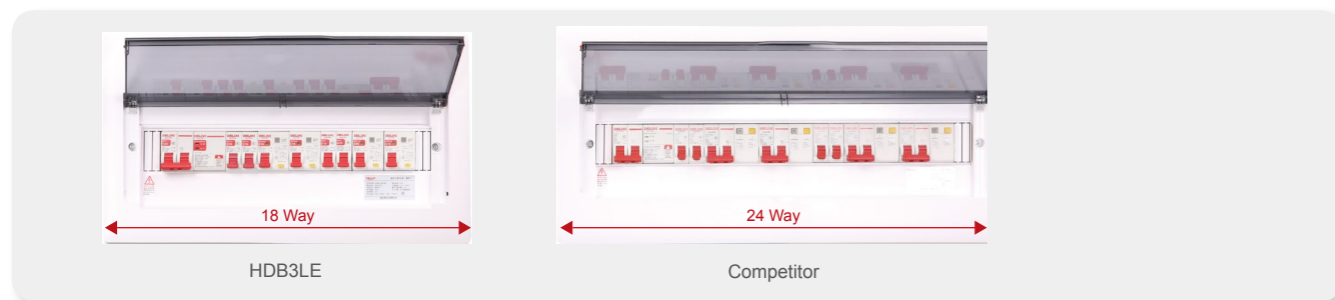


Compact structure

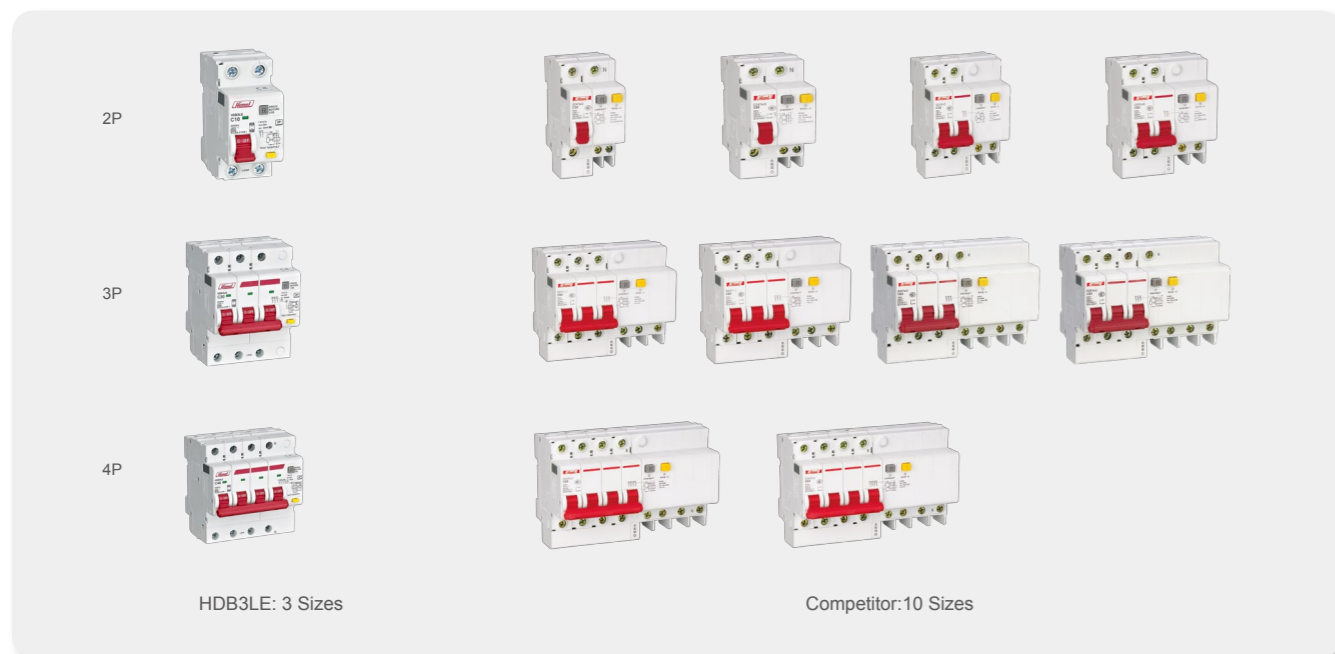
- Size reduce 30%~50%



- Smaller DB, Cost saving > 5%

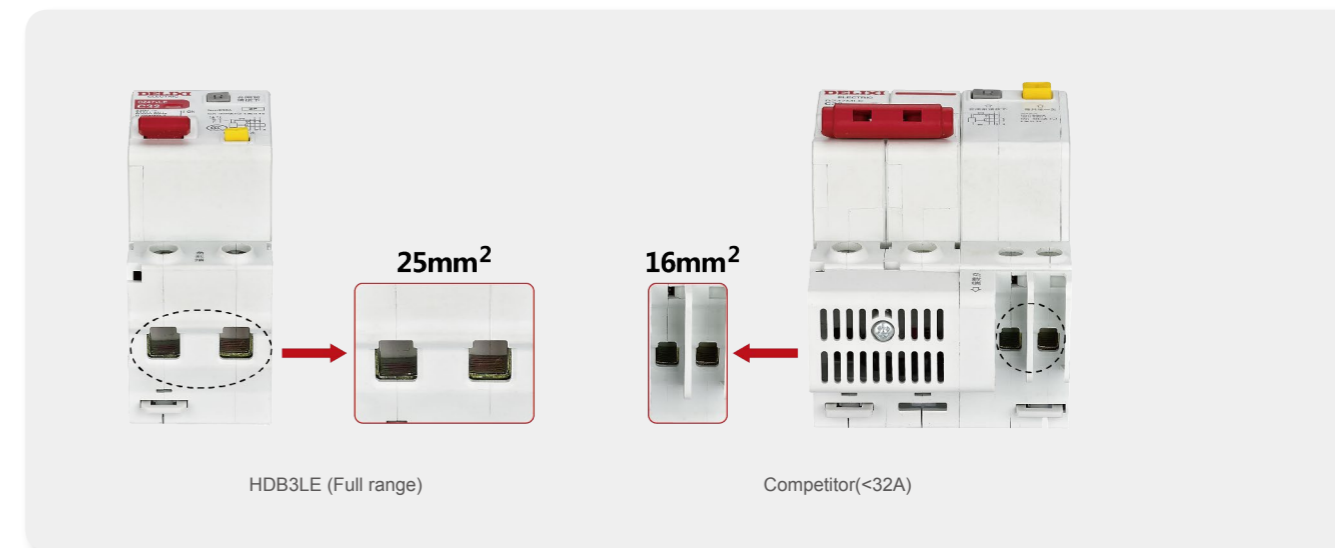


- Modularity

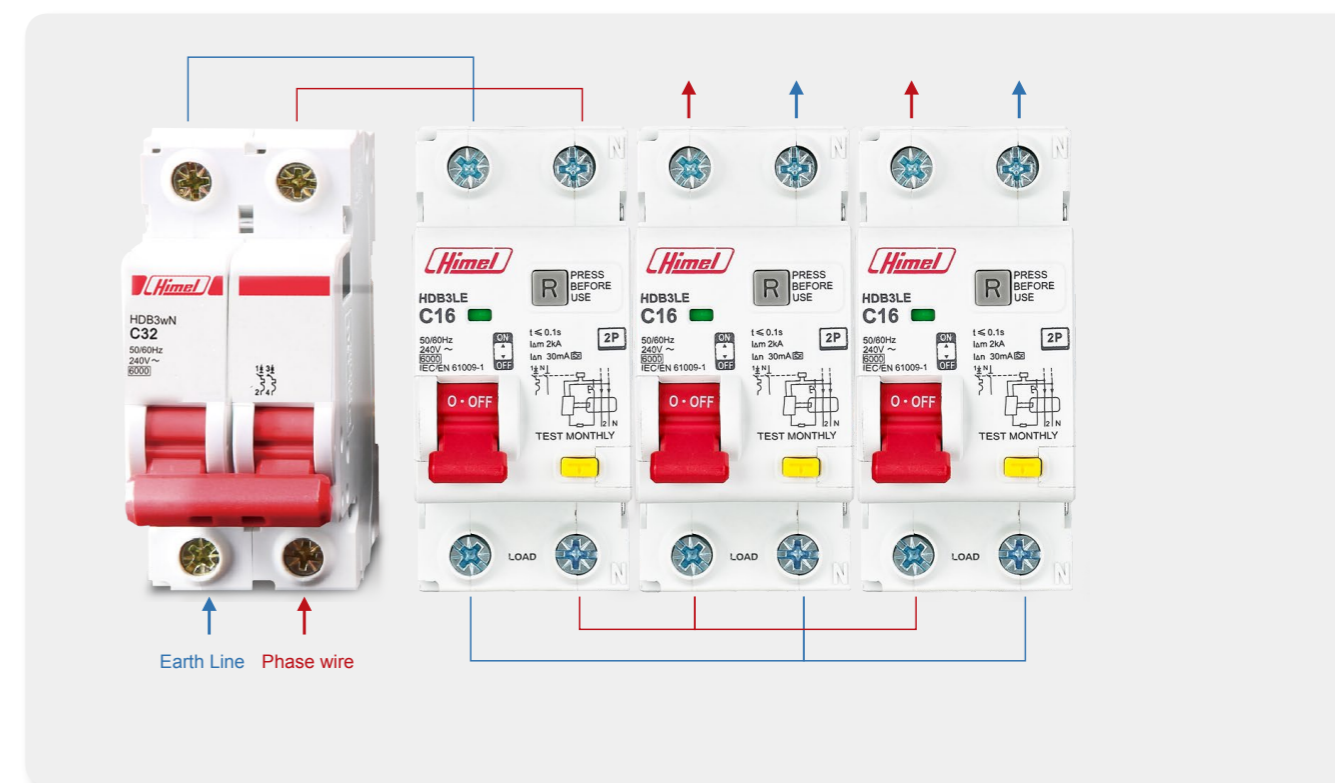


Easy wiring

- Full range has bigger wiring terminal which can reach 25mm².

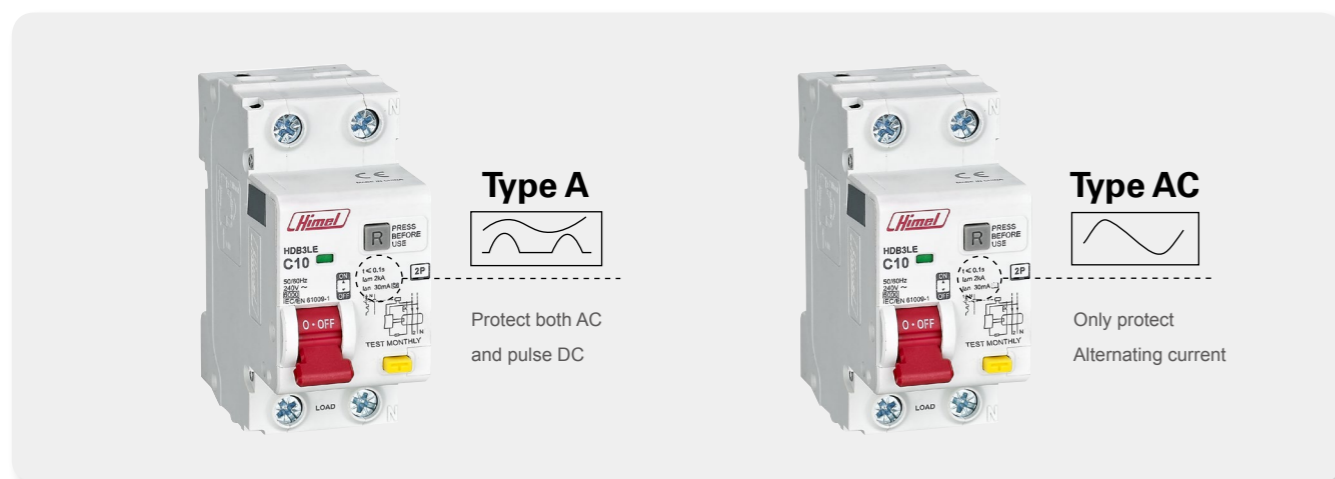


- HDB3LE 2P add bottom line references, to fit different application, easy wiring.

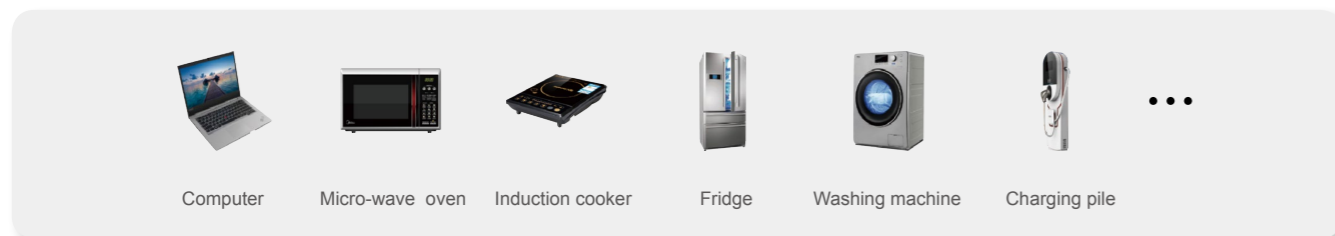


Much safe with variety protection

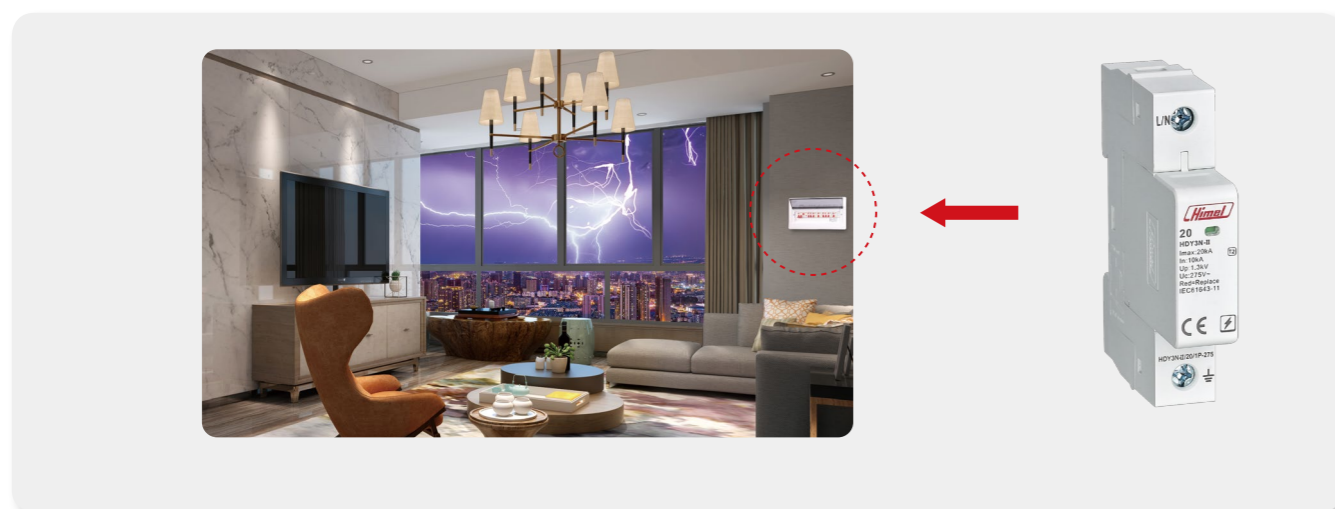
- Type A protection



- Pulse DC happens in



- New power surge protector, better lightning protection.

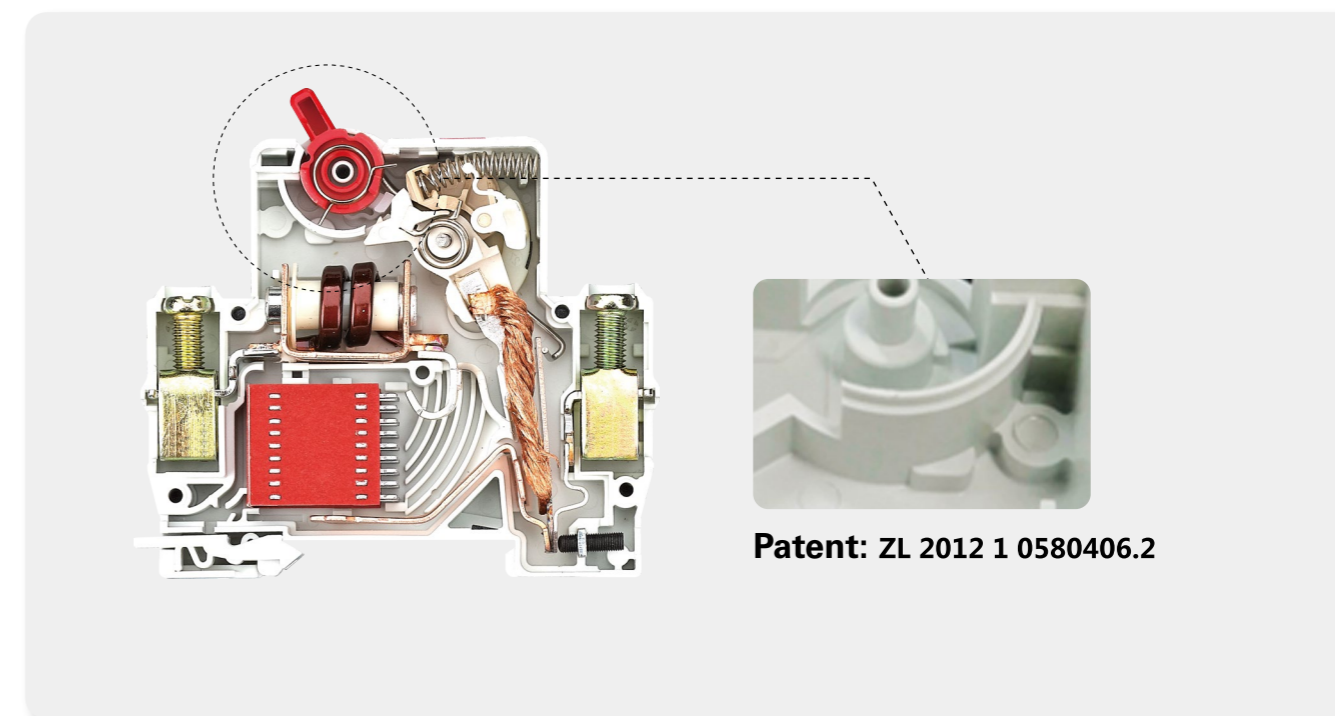


Quick connect more reliable

- Quick connect, reduce the arc, increase the electrical and mechanical life



- New design with patent to prevent the arc out, ensure the safety of the operators.



HDB3LE Residual Current Operated Circuit Breaker

Standard: IEC61009-1



Function

HDB3LE Residual Current Operated Circuit Breaker has the following features:

- Short circuit protection
- Overload protection
- Isolating function
- Earthleakage protection function
- Residual Current Operated Circuit Breaker over voltage protection function

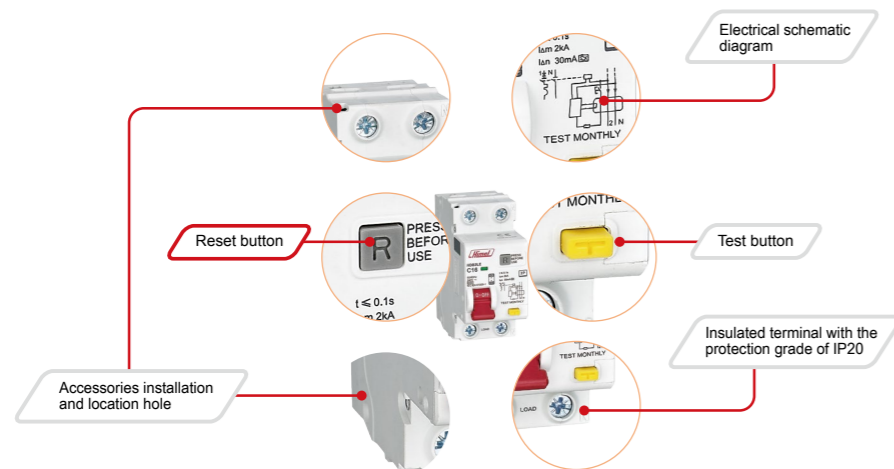
Main features

Rated operating voltage (V) U_e	2P:230V; 3P, 4P:400AC
Rated current A	6-63
Rated frequency Hz	50/60
Number of poles	2P, 3P, 4P
Breaking capacity kA	6
Rated residual operating current mA	10(2P), 30, 50, 75, 100, 300
Over-voltage protection function	280 5% VAC (only for products 2P)

HDB3LE Selection Guide

Product name	Incoming mode	Number of poles	Trip type	Rated current	Residual current	Other functions
HDB3LE	R	2	C	16	R10	A
HDB3LE	Default: Line R: Bottom	2: 2P 3: 3P 4: 4P	C: C type D: D type	6: 6A 10: 10A 16: 16A 20: 20A 25: 25A 32: 32A 40: 40A 50: 50A 63: 63A	Default: 30mA R10: 10mA R50: 50mA R75: 75mA R100: 100mA R300: 300mA	Default: AC type A: A type

Product Detail Display



HDB3LE Residual Current Operated Circuit Breaker

Standard: IEC61009-1



Functions and Features

Electrical Characteristics			
Nominal insulation voltage U_i	(V)		500 (phase-to-phase)
Maximum working voltage $U_{B_{max}}$	2P	(V)	230AC
	3P,4P	(V)	400AC
Rated short-circuit capacity I_{cn} (IEC/EN60898)	(kA)		6
Rated impulse withstand voltage U_{imp} (1.2/50)	(kV)		4
Dielectric test voltage			2kV (50/60HZ, 1min)
Isolating function			Available
Pollution class			2
Electric shock protection grade			II
Trip type			Thermal magnetic trip
Thermal magnetic trip characteristics	Type B curve (3I _n ~5I _n)		-
	Type C curve (5I _n ~10I _n)		■
	Type D curve (10I _n ~14I _n)		■
Electrical and mechanical accessories			■
Mechanical Characteristics			
Trip indication			Upspring of the reset button indicates leakage of trip
Handle			Red, pad printing indicating ON-OFF position
Mechanical endurance			Times 20,000
Electrical endurance			Times 10,000
Protection grade			Installed in distribution box IP40 Installed directly IP20
Mechanical shock resistance			30g, 3 shocks, lasting 11ms (No significant vibration or shock)
Anti-vibration(IEC/EN 60068-2-6)			No significant vibration or shock
High temperature humidity resistant			Category 2, 28 cycles
			Relative humidity 90%~96% at 55° C Relative humidity 95%~100% at 25° C
Rated ambient temperature			30° C
Operating ambient temperature (daily mean temperature $\leq +35^\circ$ C)			-35° C~+70° C
Storage temperature			-40° C~+85° C
Installation Features			
Terminal form			U type
Wiring capacity	(A)		25mm ²
Ultimate torque			2.5N.m
Tool			Cross head screwdriver or flat head screwdriver
Installation			Installed on standard DIN guide rail (35mm)
Line incoming mode			Top (all items); Bottom (only for 1P+N, 2P)

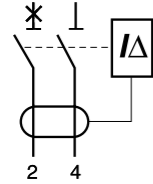
HDB3LE Residual Current Operated Circuit Breaker

Standard: IEC61009-1



Order Information

Type Name	Number of poles	Trip type	Rated current	Residual current	Type AC	Type A
HDB3LE	2P	C	6	30mA	HDB3LE2C6	HDB3LE2C6A
				10mA	HDB3LE2C6R10	
				50mA	HDB3LE2C6R50	
				75mA	HDB3LE2C6R75	
				100mA	HDB3LE2C6R100	
			300mA	HDB3LE2C6R300		
			10	30mA	HDB3LE2C10	HDB3LE2C10A
				10mA	HDB3LE2C10R10	
				50mA	HDB3LE2C10R50	
				75mA	HDB3LE2C10R75	
100mA	HDB3LE2C10R100					
300mA	HDB3LE2C10R300					
16	30mA	HDB3LE2C16	HDB3LE2C16A			
	10mA	HDB3LE2C16R10				
	50mA	HDB3LE2C16R50				
	75mA	HDB3LE2C16R75				
	100mA	HDB3LE2C16R100				
300mA	HDB3LE2C16R300					
20	30mA	HDB3LE2C20	HDB3LE2C20A			
	10mA	HDB3LE2C20R10				
	50mA	HDB3LE2C20R50				
	75mA	HDB3LE2C20R75				
	100mA	HDB3LE2C20R100				
300mA	HDB3LE2C20R300					
25	30mA	HDB3LE2C25	HDB3LE2C25A			
	10mA	HDB3LE2C25R10				
	50mA	HDB3LE2C25R50				
	75mA	HDB3LE2C25R75				
	100mA	HDB3LE2C25R100				
300mA	HDB3LE2C25R300					
32	30mA	HDB3LE2C32	HDB3LE2C32A			
	10mA	HDB3LE2C32R10				
	50mA	HDB3LE2C32R50				
	75mA	HDB3LE2C32R75				
	100mA	HDB3LE2C32R100				
300mA	HDB3LE2C32R300					
40	30mA	HDB3LE2C40	HDB3LE2C40A			
	10mA	HDB3LE2C40R10				
	50mA	HDB3LE2C40R50				
	75mA	HDB3LE2C40R75				
	100mA	HDB3LE2C40R100				
300mA	HDB3LE2C40R300					
50	30mA	HDB3LE2C50	HDB3LE2C50A			
	10mA	HDB3LE2C50R10				
	50mA	HDB3LE2C50R50				
	75mA	HDB3LE2C50R75				
	100mA	HDB3LE2C50R100				
300mA	HDB3LE2C50R300					
63	30mA	HDB3LE2C63	HDB3LE2C63A			
	10mA	HDB3LE2C63R10				
	50mA	HDB3LE2C63R50				
	75mA	HDB3LE2C63R75				
	100mA	HDB3LE2C63R100				
300mA	HDB3LE2C63R300					



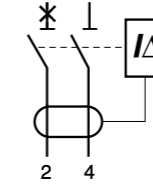
HDB3LE Residual Current Operated Circuit Breaker

Standard: IEC61009-1



Order Information

Type Name	Number of poles	Trip type	Rated current	Residual current	Type AC
HDB3LE	2P	D	6	30mA	HDB3LE2D6
				50mA	HDB3LE2D6R50
				75mA	HDB3LE2D6R75
				100mA	HDB3LE2D6R100
				300mA	HDB3LE2D6R300
			10	30mA	HDB3LE2D10
				50mA	HDB3LE2D10R50
				75mA	HDB3LE2D10R75
				100mA	HDB3LE2D10R100
				300mA	HDB3LE2D10R300
16	30mA	HDB3LE2D16			
	50mA	HDB3LE2D16R50			
	75mA	HDB3LE2D16R75			
	100mA	HDB3LE2D16R100			
	300mA	HDB3LE2D16R300			
20	30mA	HDB3LE2D20			
	50mA	HDB3LE2D20R50			
	75mA	HDB3LE2D20R75			
	100mA	HDB3LE2D20R100			
	300mA	HDB3LE2D20R300			
25	30mA	HDB3LE2D25			
	50mA	HDB3LE2D25R50			
	75mA	HDB3LE2D25R75			
	100mA	HDB3LE2D25R100			
	300mA	HDB3LE2D25R300			
32	30mA	HDB3LE2D32			
	50mA	HDB3LE2D32R50			
	75mA	HDB3LE2D32R75			
	100mA	HDB3LE2D32R100			
	300mA	HDB3LE2D32R300			
40	30mA	HDB3LE2D40			
	50mA	HDB3LE2D40R50			
	75mA	HDB3LE2D40R75			
	100mA	HDB3LE2D40R100			
	300mA	HDB3LE2D40R300			
50	30mA	HDB3LE2D50			
	50mA	HDB3LE2D50R50			
	75mA	HDB3LE2D50R75			
	100mA	HDB3LE2D50R100			
	300mA	HDB3LE2D50R300			
63	30mA	HDB3LE2D63			
	50mA	HDB3LE2D63R50			
	75mA	HDB3LE2D63R75			
	100mA	HDB3LE2D63R100			
	300mA	HDB3LE2D63R300			



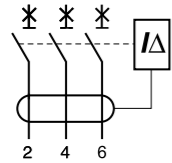
HDB3LE Residual Current Operated Circuit Breaker

Standard: IEC61009-1



Order Information

Type Name	Number of poles	Trip type	Rated current	Residual current	Type AC
HDB3LE	3P	C	6	30mA	HDB3LE3C6
				50mA	HDB3LE3C6R50
				75mA	HDB3LE3C6R75
				100mA	HDB3LE3C6R100
				300mA	HDB3LE3C6R300
			10	30mA	HDB3LE3C10
				50mA	HDB3LE3C10R50
				75mA	HDB3LE3C10R75
				100mA	HDB3LE3C10R100
				300mA	HDB3LE3C10R300
			16	30mA	HDB3LE3C16
				50mA	HDB3LE3C16R50
				75mA	HDB3LE3C16R75
				100mA	HDB3LE3C16R100
				300mA	HDB3LE3C16R300
			20	30mA	HDB3LE3C20
				50mA	HDB3LE3C20R50
				75mA	HDB3LE3C20R75
				100mA	HDB3LE3C20R100
				300mA	HDB3LE3C20R300
			25	30mA	HDB3LE3C25
				50mA	HDB3LE3C25R50
				75mA	HDB3LE3C25R75
				100mA	HDB3LE3C25R100
				300mA	HDB3LE3C25R300
			32	30mA	HDB3LE3C32
				50mA	HDB3LE3C32R50
				75mA	HDB3LE3C32R75
				100mA	HDB3LE3C32R100
				300mA	HDB3LE3C32R300
			40	30mA	HDB3LE3C40
				50mA	HDB3LE3C40R50
				75mA	HDB3LE3C40R75
				100mA	HDB3LE3C40R100
				300mA	HDB3LE3C40R300
			50	30mA	HDB3LE3C50
				50mA	HDB3LE3C50R50
				75mA	HDB3LE3C50R75
				100mA	HDB3LE3C50R100
				300mA	HDB3LE3C50R300
			63	30mA	HDB3LE3C63
				50mA	HDB3LE3C63R50
				75mA	HDB3LE3C63R75
				100mA	HDB3LE3C63R100
				300mA	HDB3LE3C63R300



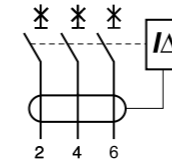
HDB3LE Residual Current Operated Circuit Breaker

Standard: IEC61009-1



Order Information

Type Name	Number of poles	Trip type	Rated current	Residual current	Type AC
HDB3LE	3P	D	6	30mA	HDB3LE3D6
				50mA	HDB3LE3D6R50
				75mA	HDB3LE3D6R75
				100mA	HDB3LE3D6R100
				300mA	HDB3LE3D6R300
			10	30mA	HDB3LE3D10
				50mA	HDB3LE3D10R50
				75mA	HDB3LE3D10R75
				100mA	HDB3LE3D10R100
				300mA	HDB3LE3D10R300
			16	30mA	HDB3LE3D16
				50mA	HDB3LE3D16R50
				75mA	HDB3LE3D16R75
				100mA	HDB3LE3D16R100
				300mA	HDB3LE3D16R300
			20	30mA	HDB3LE3D20
				50mA	HDB3LE3D20R50
				75mA	HDB3LE3D20R75
				100mA	HDB3LE3D20R100
				300mA	HDB3LE3D20R300
			25	30mA	HDB3LE3D25
				50mA	HDB3LE3D25R50
				75mA	HDB3LE3D25R75
				100mA	HDB3LE3D25R100
				300mA	HDB3LE3D25R300
			32	30mA	HDB3LE3D32
				50mA	HDB3LE3D32R50
				75mA	HDB3LE3D32R75
				100mA	HDB3LE3D32R100
				300mA	HDB3LE3D32R300
			40	30mA	HDB3LE3D40
				50mA	HDB3LE3D40R50
				75mA	HDB3LE3D40R75
				100mA	HDB3LE3D40R100
				300mA	HDB3LE3D40R300
			50	30mA	HDB3LE3D50
				50mA	HDB3LE3D50R50
				75mA	HDB3LE3D50R75
				100mA	HDB3LE3D50R100
				300mA	HDB3LE3D50R300
			63	30mA	HDB3LE3D63
				50mA	HDB3LE3D63R50
				75mA	HDB3LE3D63R75
				100mA	HDB3LE3D63R100
				300mA	HDB3LE3D63R300



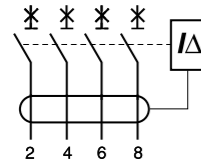
HDB3LE Residual Current Operated Circuit Breaker

Standard: IEC61009-1



Order Information

Type Name	Number of poles	Trip type	Rated current	Residual current	Type AC
HDB3LE	4P	C	6	30mA	HDB3LE4C6
				50mA	HDB3LE4C6R50
				75mA	HDB3LE4C6R75
				100mA	HDB3LE4C6R100
				300mA	HDB3LE4C6R300
			10	30mA	HDB3LE4C10
				50mA	HDB3LE4C10R50
				75mA	HDB3LE4C10R75
				100mA	HDB3LE4C10R100
				300mA	HDB3LE4C10R300
			16	30mA	HDB3LE4C16
				50mA	HDB3LE4C16R50
				75mA	HDB3LE4C16R75
				100mA	HDB3LE4C16R100
				300mA	HDB3LE4C16R300
			20	30mA	HDB3LE4C20
				50mA	HDB3LE4C20R50
				75mA	HDB3LE4C20R75
				100mA	HDB3LE4C20R100
				300mA	HDB3LE4C20R300
			25	30mA	HDB3LE4C25
				50mA	HDB3LE4C25R50
				75mA	HDB3LE4C25R75
				100mA	HDB3LE4C25R100
				300mA	HDB3LE4C25R300
			32	30mA	HDB3LE4C32
				50mA	HDB3LE4C32R50
				75mA	HDB3LE4C32R75
				100mA	HDB3LE4C32R100
				300mA	HDB3LE4C32R300
			40	30mA	HDB3LE4C40
				50mA	HDB3LE4C40R50
				75mA	HDB3LE4C40R75
				100mA	HDB3LE4C40R100
				300mA	HDB3LE4C40R300
			50	30mA	HDB3LE4C50
				50mA	HDB3LE4C50R50
				75mA	HDB3LE4C50R75
				100mA	HDB3LE4C50R100
				300mA	HDB3LE4C50R300
			63	30mA	HDB3LE4C63
				50mA	HDB3LE4C63R50
				75mA	HDB3LE4C63R75
				100mA	HDB3LE4C63R100
				300mA	HDB3LE4C63R300



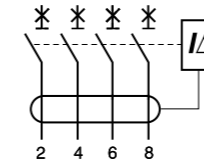
HDB3LE Residual Current Operated Circuit Breaker

Standard: IEC61009-1



Order Information

Type Name	Number of poles	Trip type	Rated current	Residual current	Type AC
HDB3LE	4P	D	6	30mA	HDB3LE4D6
				50mA	HDB3LE4D6R50
				75mA	HDB3LE4D6R75
				100mA	HDB3LE4D6R100
				300mA	HDB3LE4D6R300
			10	30mA	HDB3LE4D10
				50mA	HDB3LE4D10R50
				75mA	HDB3LE4D10R75
				100mA	HDB3LE4D10R100
				300mA	HDB3LE4D10R300
			16	30mA	HDB3LE4D16
				50mA	HDB3LE4D16R50
				75mA	HDB3LE4D16R75
				100mA	HDB3LE4D16R100
				300mA	HDB3LE4D16R300
			20	30mA	HDB3LE4D20
				50mA	HDB3LE4D20R50
				75mA	HDB3LE4D20R75
				100mA	HDB3LE4D20R100
				300mA	HDB3LE4D20R300
			25	30mA	HDB3LE4D25
				50mA	HDB3LE4D25R50
				75mA	HDB3LE4D25R75
				100mA	HDB3LE4D25R100
				300mA	HDB3LE4D25R300
			32	30mA	HDB3LE4D32
				50mA	HDB3LE4D32R50
				75mA	HDB3LE4D32R75
				100mA	HDB3LE4D32R100
				300mA	HDB3LE4D32R300
			40	30mA	HDB3LE4D40
				50mA	HDB3LE4D40R50
				75mA	HDB3LE4D40R75
				100mA	HDB3LE4D40R100
				300mA	HDB3LE4D40R300
			50	30mA	HDB3LE4D50
				50mA	HDB3LE4D50R50
				75mA	HDB3LE4D50R75
				100mA	HDB3LE4D50R100
				300mA	HDB3LE4D50R300
			63	30mA	HDB3LE4D63
				50mA	HDB3LE4D63R50
				75mA	HDB3LE4D63R75
				100mA	HDB3LE4D63R100
				300mA	HDB3LE4D63R300



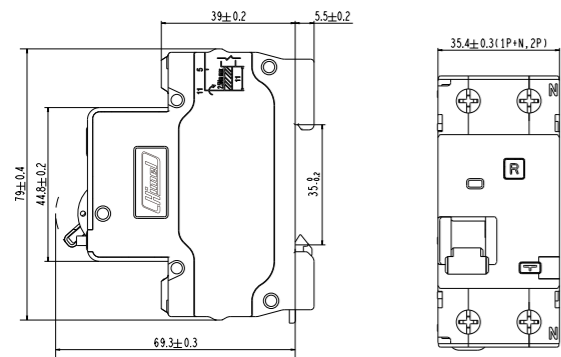
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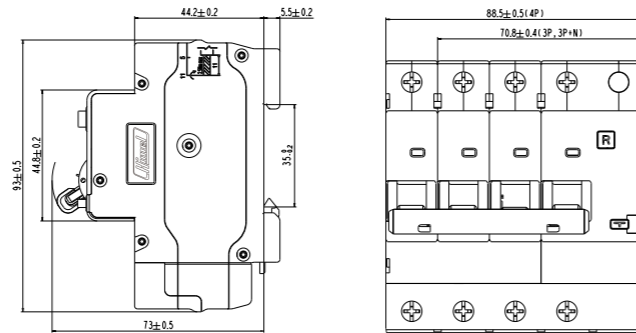


Overall Dimensions

2P



3P/4P



HDB3PLE Phase Line + Neutral Residual Current Operated Circuit Breaker

Standard: IEC61009-1



Function

HDB3LE phase line + neutral line residual current operated circuit breaker has the following features:

- Short circuit protection
- Overload protection
- Isolating function
- Earthleakage protection function
- Over voltage protection function (only for overvoltage protect reference)

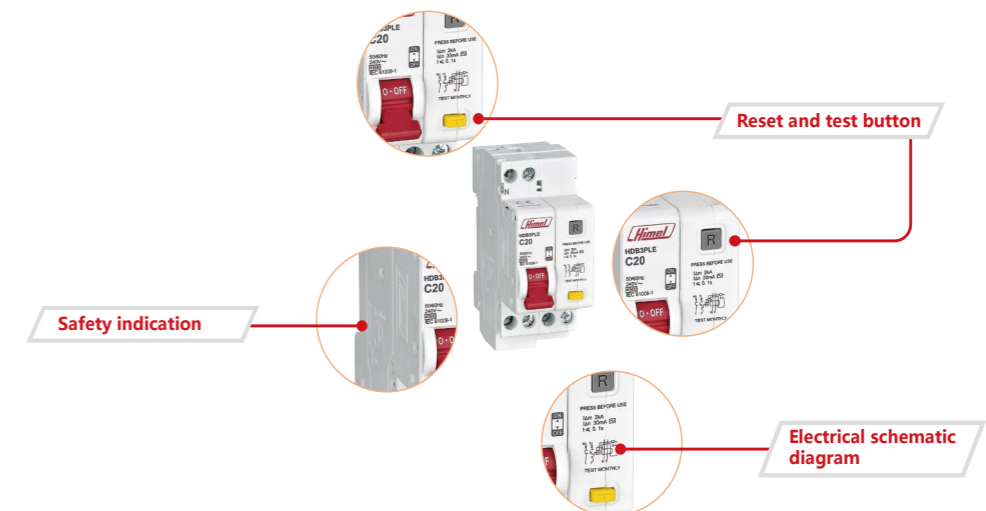
Main features

Rated operating voltage (V)	Ue	230V
Rated current A	In	6-40
Rated frequency Hz		50/60
Number of poles		1P+N
Breaking capacity kA	Icn	4.5
Rated residual operating current mA	I Δ n	30
Over-voltage protection function		280 5% VAC

HDB3PLE Selection Guide

Product name	Number of poles	Trip type	Rated current	Other functions
HDB3PLE	Default	C	16	G
HDB3PLE	Default: 1P+N	C:C type D:D type	6: 6A 10: 10A 16: 16A 20: 20A 25: 25A 32: 32A 40: 40A	Default: No G: Overvoltageprotection

Product Detail Display



HDB3PLE Phase Line + Neutral Residual Current Operated Circuit Breaker

Standard: IEC61009-1



Functions and Features		
Electrical Characteristics		
Rated insulation voltage U_i	(V)	500
Maximum working voltage $U_{B,max}$ 1P+N	(V)	230AC
Rated short-circuit capacity I_{cn} (IEC/EN61009-1)	(kA)	3.5
Rated impulse withstand voltage U_{imp} (1.2/50)	(kA)	4
Dielectric test voltage		2kV (50/60Hz 1 minute)
Isolating function		Available
Pollution class		2
Electric shock protection grade		II
Tripping type		Thermal magnetic tripping
Thermal magnetic trip characteristics	C curve (5In~10In)	■
	D curve (10In~14In)	■
Electrical and mechanical accessories		■
Mechanical Characteristics		
Handle		Red, pad printing indicating ON-OFF position
Mechanical life		Times 20,000
Protection rating		Times 10,000
Protection rating		Installed in distribution box IP40 Installed directly IP20
Mechanical shock resistance		30g, 3 shocks, last for 11ms (No significant vibration or shock)
Anti-vibration (IEC/EN 60068-2-6)		No significant vibration or shock
High temperature humidity resistant	°C /RH	Category 2, 28 cycles
		Relative humidity 90%~96% at 55° C Relative humidity 90%~100% at 25° C
Reference ambient temperature	°C	30° C
Operating ambient temperature (daily mean temperature +35°)	°C	-35° C~+70° C
Storage temperature	°C	-40° C~+85° C
Installation Features		
Terminal form		U type
Wiring capacity	(A)	25mm ²
Ultimate torque		2.5N.m
Tool		Cross head screwdriver or flat head screwdriver
Installation		Installed on standard DIN guide rail (35mm)
Line incoming mode		Top

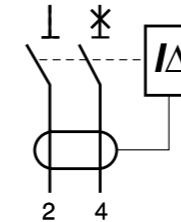
HDB3PLE Phase Line + Neutral Residual Current Operated Circuit Breaker

Standard: IEC61009-1

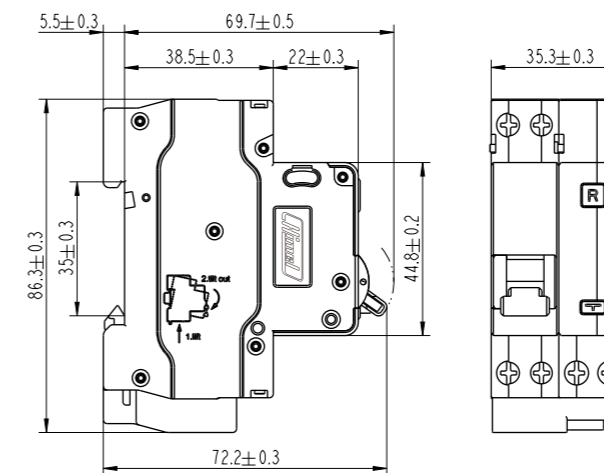


Order Information

Type Name	Number of poles	Trip type	Rated current	Type AC	Type AC
HDB3PLE	1P+N	C	6	HDB3PLEC6	HDB3PLEC6G
			10	HDB3PLEC10	HDB3PLEC10G
			16	HDB3PLEC16	HDB3PLEC16G
			20	HDB3PLEC20	HDB3PLEC20G
			25	HDB3PLEC25	HDB3PLEC25G
			32	HDB3PLEC32	HDB3PLEC32G
			40	HDB3PLEC40	HDB3PLEC40G
		D	6	HDB3PLED6	HDB3PLED6G
			10	HDB3PLED10	HDB3PLED10G
			16	HDB3PLED16	HDB3PLED16G
			20	HDB3PLED20	HDB3PLED20G
			25	HDB3PLED25	HDB3PLED25G
			32	HDB3PLED32	HDB3PLED32G
			40	HDB3PLED40	HDB3PLED40G



Overall Dimensions



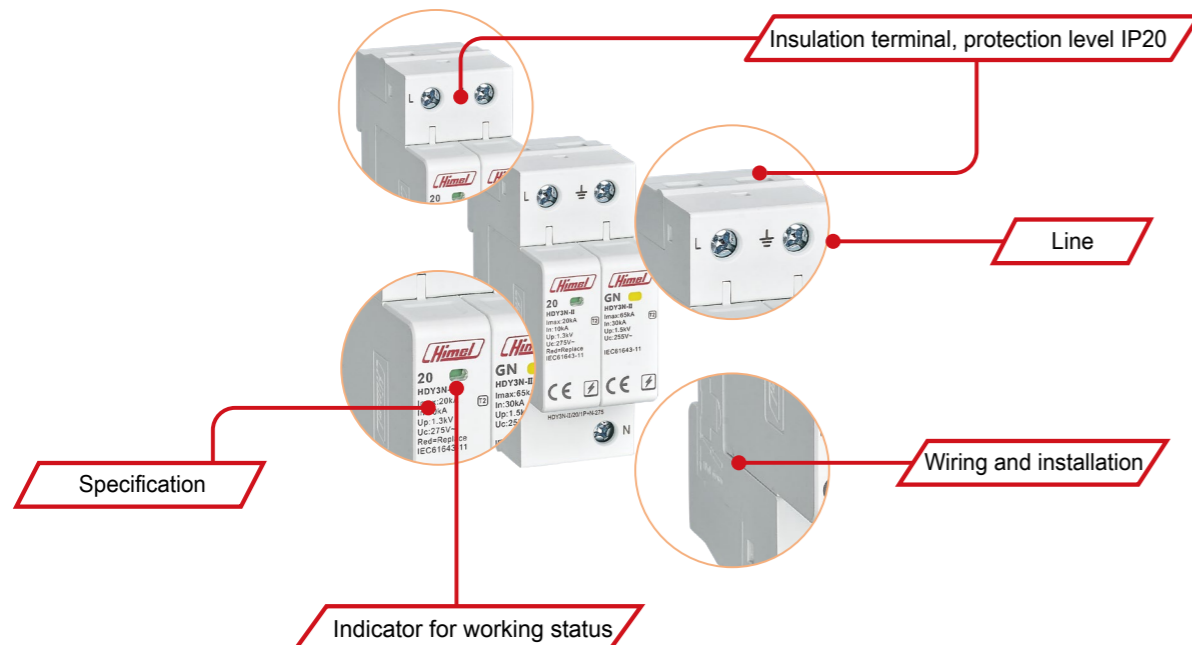
HDY3N Power Surge Protector

Standard: IEC61643-1



Main features						
Rated voltage U_0	230V					
Poles	1P, 2P, 3P, 4P, 1P+N, 3P+N					
Protection rating	II					
Waveform	8/20us					
Product model	HDY3N-20	HDY3N-40	HDY3N-65	HDY3N-80	HDY3N-120	HDY3N-160
Nominal discharge current I_n	10kA	20kA	30kA	40kA	60kA	80kA
Maximum discharge current I_{max}	20kA	40kA	65kA	80kA	120kA	160kA
Maximum allowable backup fuse strength(gL)	50A	100A	125A	160A	200A	250A
Maximum continuous operating voltage U_c	275/385/440V	275/385/440V	275/385/440V	275/385/440V	275/385/440V	275/385/440V
Protection level U_p	1.3/1.6/1.8kV	1.5/1.8/2.0kV	1.6/2.0/2.2kV	1.8/2.2/2.2kV	2.2/2.5/2.5kV	3.2/3.3/3.4kV
Response time	$\leq 25ns$					
Operating state indicator	Green: normal; red: fault					
Terminal wiring capacity	Solid line $\leq 35mm^2$, soft line 2.5-25mm ² , torque 3.5N.m					
Optional accessories	Available (YX remote signaling)					

Product Detail Display



HDY3N Power Surge Protector

Standard: IEC61643-1

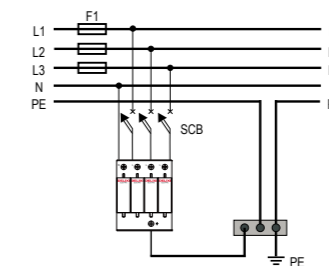
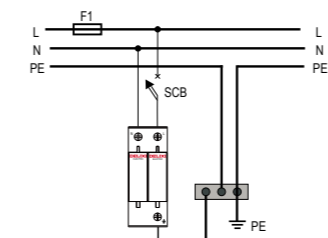


HDY3N Selection Guide

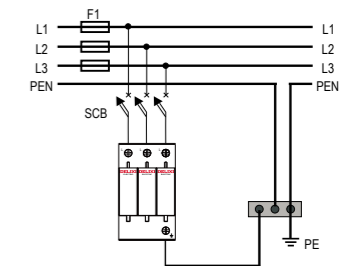
Product name	Protection Type	Maximum discharge current	Poles	Maximum continuous voltage	Accessories
HDY3N	Default	65	2	275	YX
HDY3N	Default: II	20: 20kA 40: 40kA 65: 65kA 80: 80kA 120: 120kA 160: 160kA	1: 1P 2: 2P 3: 3P 4: 4P 5: 1P+N 6: 3P+N	Default: 385V 275: 275V 440: 440V	YX: Remote signaling Default: No remote signaling

HDY3N Wiring Diagram

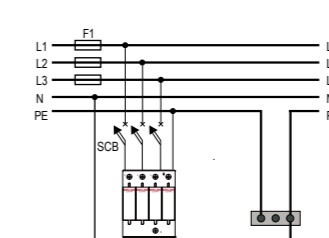
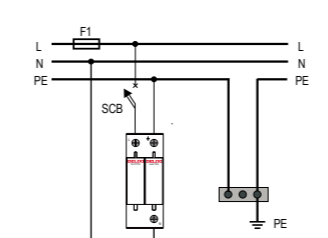
TN-S System Installation Diagram



TN-C System Installation Diagram



TT System Installation Diagram



HDY3N Power Surge Protector

Standard: IEC61643-1



Order Information

Protection Type	Maximum discharge current	Poles	Maximum continuous voltage					
			275	385	440			
Default	20	1P	HDY3N201275	HDY3N201	HDY3N201440			
		2P	HDY3N202275	HDY3N202275YX	HDY3N202	HDY3N202YX	HDY3N202440	HDY3N202440YX
		3P	HDY3N203275	HDY3N203275YX	HDY3N203	HDY3N203YX	HDY3N203440	HDY3N203440YX
		4P	HDY3N204275	HDY3N204275YX	HDY3N204	HDY3N204YX	HDY3N204440	HDY3N204440YX
		1P+N	HDY3N205275	HDY3N205275YX	HDY3N205	HDY3N205YX	HDY3N205440	HDY3N205440YX
		3P+N	HDY3N206275	HDY3N206275YX	HDY3N206	HDY3N206YX	HDY3N206440	HDY3N206440YX
	40	1P	HDY3N401275		HDY3N401	HDY3N401440		
		2P	HDY3N402275	HDY3N402275YX	HDY3N402	HDY3N402YX	HDY3N402440	HDY3N402440YX
		3P	HDY3N403275	HDY3N403275YX	HDY3N403	HDY3N403YX	HDY3N403440	HDY3N403440YX
		4P	HDY3N404275	HDY3N404275YX	HDY3N404	HDY3N404YX	HDY3N404440	HDY3N404440YX
		1P+N	HDY3N405275	HDY3N405275YX	HDY3N405	HDY3N405YX	HDY3N405440	HDY3N405440YX
		3P+N	HDY3N406275	HDY3N406275YX	HDY3N406	HDY3N406YX	HDY3N406440	HDY3N406440YX
65	1P	HDY3N651275		HDY3N651	HDY3N651440			
	2P	HDY3N652275	HDY3N652275YX	HDY3N652	HDY3N652YX	HDY3N652440	HDY3N652440YX	
	3P	HDY3N653275	HDY3N653275YX	HDY3N653	HDY3N653YX	HDY3N653440	HDY3N653440YX	
	4P	HDY3N654275	HDY3N654275YX	HDY3N654	HDY3N654YX	HDY3N654440	HDY3N654440YX	
	1P+N	HDY3N655275	HDY3N655275YX	HDY3N655	HDY3N655YX	HDY3N655440	HDY3N655440YX	
	3P+N	HDY3N656275	HDY3N656275YX	HDY3N656	HDY3N656YX	HDY3N656440	HDY3N656440YX	
80	1P	HDY3N801275	HDY3N801275YX	HDY3N801	HDY3N801YX	HDY3N801440	HDY3N801440YX	
	2P	HDY3N802275	HDY3N802275YX	HDY3N802	HDY3N802YX	HDY3N802440	HDY3N802440YX	
	3P	HDY3N803275	HDY3N803275YX	HDY3N803	HDY3N803YX	HDY3N803440	HDY3N803440YX	
	4P	HDY3N804275	HDY3N804275YX	HDY3N804	HDY3N804YX	HDY3N804440	HDY3N804440YX	
	1P+N	HDY3N805275	HDY3N805275YX	HDY3N805	HDY3N805YX	HDY3N805440	HDY3N805440YX	
	3P+N	HDY3N806275	HDY3N806275YX	HDY3N806	HDY3N806YX	HDY3N806440	HDY3N806440YX	
120	1P	HDY3N1201275	HDY3N1201275YX	HDY3N1201	HDY3N1201YX	HDY3N1201440	HDY3N1201440YX	
	2P	HDY3N1202275	HDY3N1202275YX	HDY3N1202	HDY3N1202YX	HDY3N1202440	HDY3N1202440YX	
	3P	HDY3N1203275	HDY3N1203275YX	HDY3N1203	HDY3N1203YX	HDY3N1203440	HDY3N1203440YX	
	4P	HDY3N1204275	HDY3N1204275YX	HDY3N1204	HDY3N1204YX	HDY3N1204440	HDY3N1204440YX	
	1P+N	HDY3N1205275	HDY3N1205275YX	HDY3N1205	HDY3N1205YX	HDY3N1205440	HDY3N1205440YX	
	3P+N	HDY3N1206275	HDY3N1206275YX	HDY3N1206	HDY3N1206YX	HDY3N1206440	HDY3N1206440YX	
160	1P	HDY3N1601275	HDY3N1601275YX	HDY3N1601	HDY3N1601YX	HDY3N1601440	HDY3N1601440YX	
	2P	HDY3N1602275	HDY3N1602275YX	HDY3N1602	HDY3N1602YX	HDY3N1602440	HDY3N1602440YX	
	3P	HDY3N1603275	HDY3N1603275YX	HDY3N1603	HDY3N1603YX	HDY3N1603440	HDY3N1603440YX	
	4P	HDY3N1604275	HDY3N1604275YX	HDY3N1604	HDY3N1604YX	HDY3N1604440	HDY3N1604440YX	
	1P+N	HDY3N1605275	HDY3N1605275YX	HDY3N1605	HDY3N1605YX	HDY3N1605440	HDY3N1605440YX	
	3P+N	HDY3N1606275	HDY3N1606275YX	HDY3N1606	HDY3N1606YX	HDY3N1606440	HDY3N1606440YX	

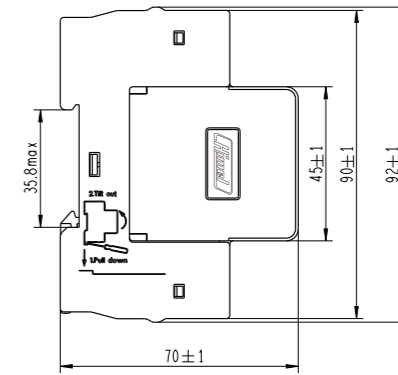
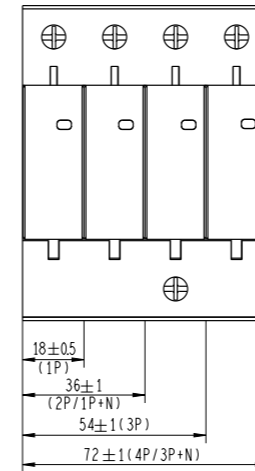
HDY3N Power Surge Protector

Standard: IEC61643-1

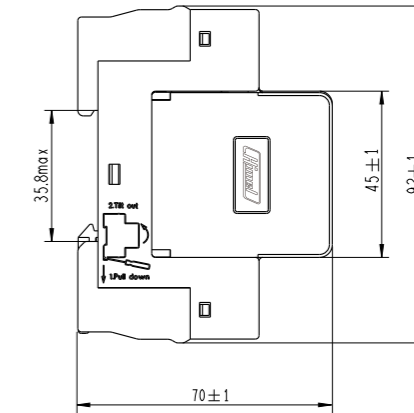
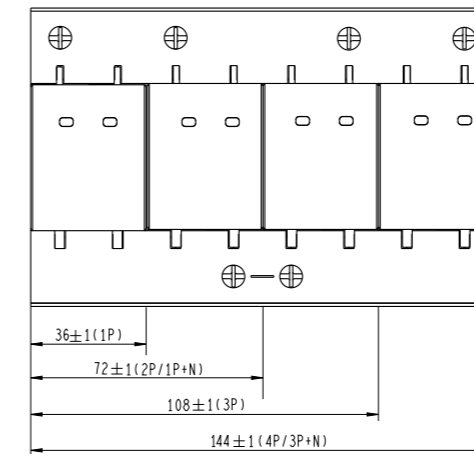


Overall Dimensions

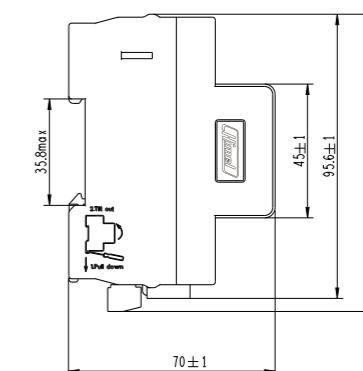
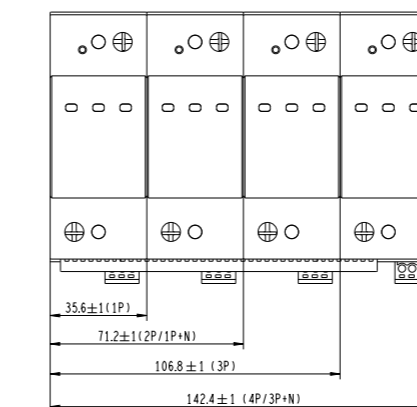
HDY3N 20/40/65kA



HDY3N 80/120kA



HDY3N 160kA



FINAL DISTRIBUTION

HEDB Series Distribution Box

Standard:IEC/EN60439



Function

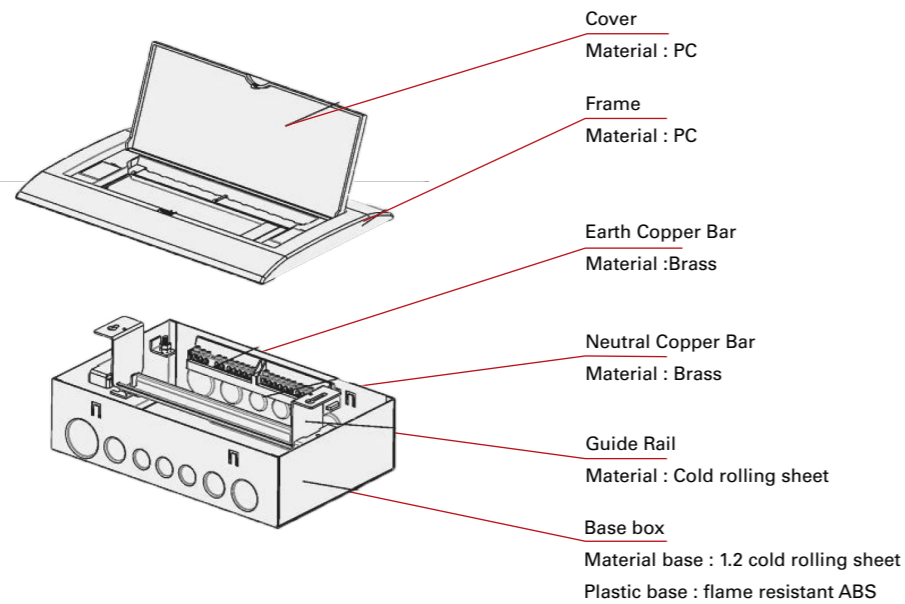
HEDB distribution box provide:

Control, monitoring, measurement and protection for the electric power loops and main power Controlling equipment

Main Features

	full plastic	Metal base and plastic cover
Standard	IEC/EN60439	IEC/EN60439
Number of ways	2-4,4-6,7-9,10-13	2-4,4-6,7-9,10-13,14-17,17-20,20-26
Installation method	Surface/Flush installation	Flush installation
Color	White box, grey cover	White box, grey cover
Rated volatge	AC 230/400V	AC 230/400V
Frequency	50/60Hz	50/60Hz
Rated current	100A/one phase 63A/three phase	100A/one phase 63A/three phase
IP grade	IP30	IP30
Temperature	- 25~50°C	- 25~50°C
Material of cover	PP	PP
Material of base	PVC	Cold rolled steel
Thickness of cover	1.5mm	1.5mm
Thickness of base	1.5mm	2~20 ways/0.6mm,20~26ways.0.8mm

Product Detail Display



FINAL DISTRIBUTION

HEDB Series Distribution Box

Standard:IEC/EN60439



HEDB Selection Guide

HEDB	M	F	4
Economic DB	M: Metal base&plastic cover P: Full plastic	F: Flush installation S: Surface installation	4: 2~4 ways 6: 4~6 ways 9: 7~9 ways 13: 10~13 ways 17: 14~17 ways 20: 17~20 ways 26: 20~26 ways

	Picture	Description	Dimension(mm)
HEDBPF4		2~4ways full plastic flush installation	160.1(A)*185.1(B)*90.7(C) 138(D)*159(E)*76(F)
HEDBPF6		4~6ways full plastic flush installation	200.1(A)*215.1(B)*90.7(C) 178(D)*184(E)*76(F)
HEDBPF9		7~9ways full plastic flush installation	254.1(A)*215.1(B)*90.7(C) 232(D)*184(E)*76(F)
HEDBPF13		10~13ways full plastic flush installation	326.1(A)*215.1(B)*90.7(C) 303(D)*184(E)*76(F)
HEDBPS4		2~4ways full plastic surface installation	140(A)*160(B)*90.7(C) 138(D)*159(E)*76(F)
HEDBPS6		4~6ways full plastic surface installation	180(A)*185(B)*90.7(C) 178(D)*184(E)*76(F)
HEDBPS9		7~9ways full plastic surface installation	234(A)*185(B)*90.7(C) 232(D)*184(E)*76(F)
HEDBPS13		10~13ways full plastic surface installation	305(A)*185(B)*90.7(C) 303(D)*184(E)*76(F)

FINAL DISTRIBUTION

HEDB Series Distribution Box

Standard: IEC/EN60439



	Picture	Description	Dimension(mm)
HEDBMF4		2~4ways metal box and plastic cover flush installation	160.1(A)*185.1(B)*90.7(C) 130(D)*165(E)*78(F)
HEDBMF6		4~6ways metal box and plastic cover flush installation	200.1(A)*215.1(B)*90.7(C) 168(D)*196(E)*78(F)
HEDBMF9		7~9ways metal box and plastic cover flush installation	254.1(A)*215.1(B)*90.7(C) 222(D)*196(E)*78(F)
HEDBMF13		10~13ways metal box and plastic cover installation	326.1(A)*215.1(B)*90.7(C) 294(D)*196(E)*78(F)
HEDBMF17		14~17ways metal box and plastic cover flush installation	395.1(A)*215.1(B)*90.7(C) 365(D)*196(E)*78(F)
HEDBMF20		17~20ways metal box and plastic cover flush installation	449.1(A)*215.1(B)*90.7(C) 419(D)*196(E)*78(F)
HEDBMF26		20~26ways metal box and plastic cover flush installation	324.1(A)*429.1(B)*90.7(C) 294(D)*412(E)*78(F)

Overall Dimensions

