



CDB9 Series

New Final Distribution Product

“ Delixi Electric Easy Electric ”



Delixi Electric
Easy Electric

easy⁺

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- High breaking capacity
- The highest current energy limiting class
- High quality raw material
- The quick closed technology

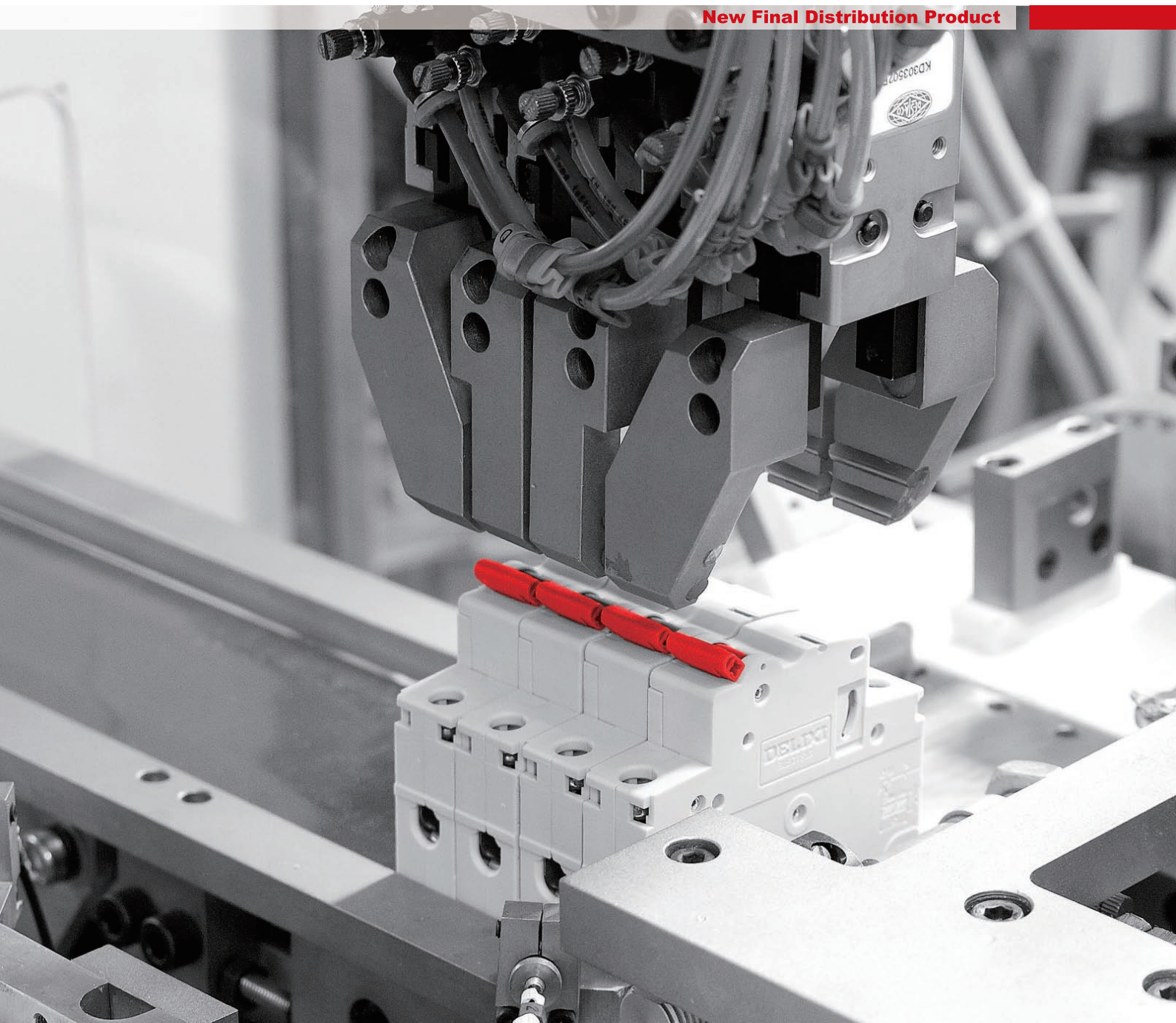
Advantage show | CDB9 Series

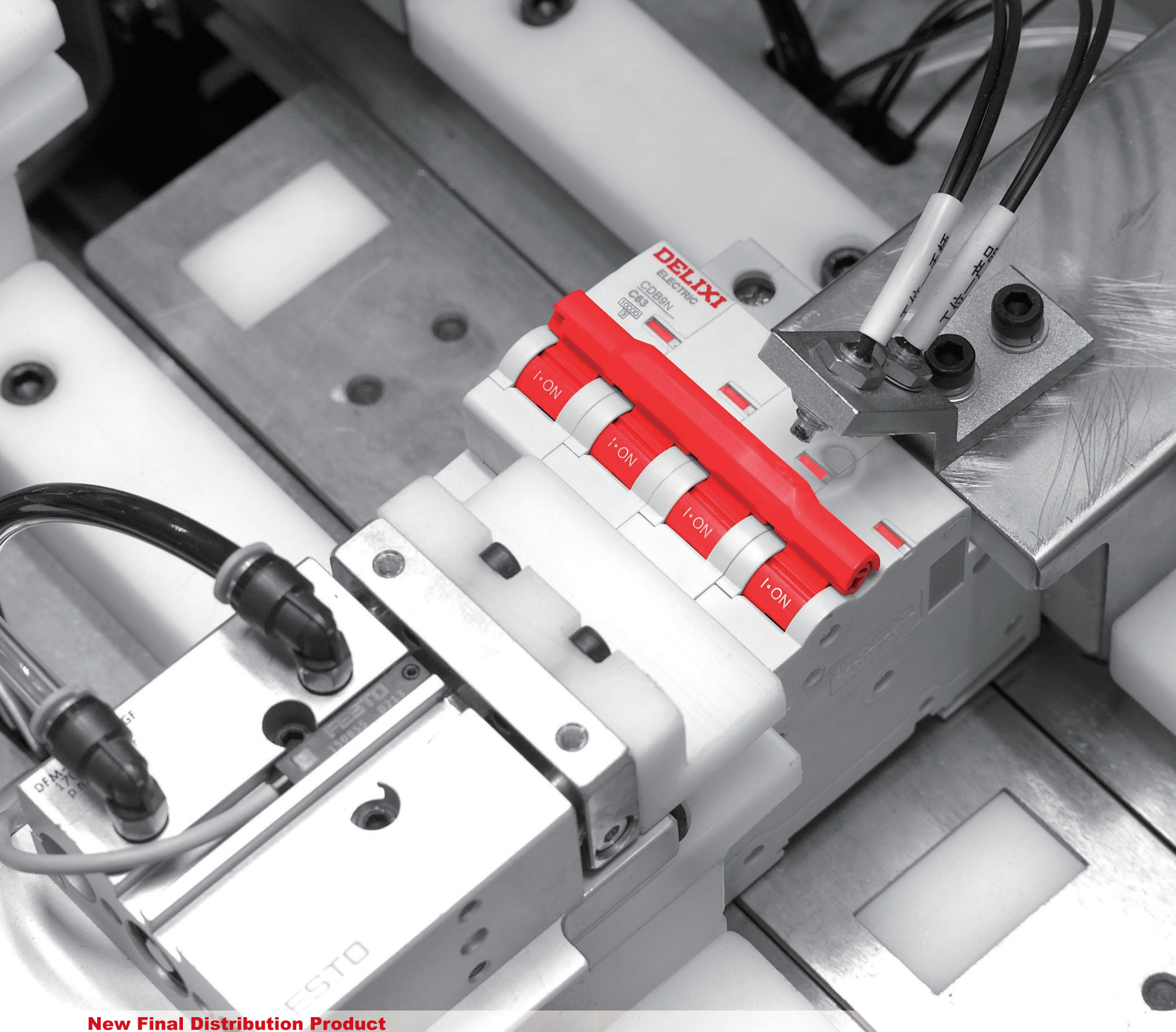
D
DELIXI
ELECTRIC

- 10 KA breaking capacity can be used for high score more harsh environment

High breaking capacity

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The highest current energy limiting class

- Electrical Durability 10000 times
- Mechanical Durability 20000 times

Advantage [show](#)

· 3-Current energy limiting class

The highest current energy limiting class

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High quality raw material

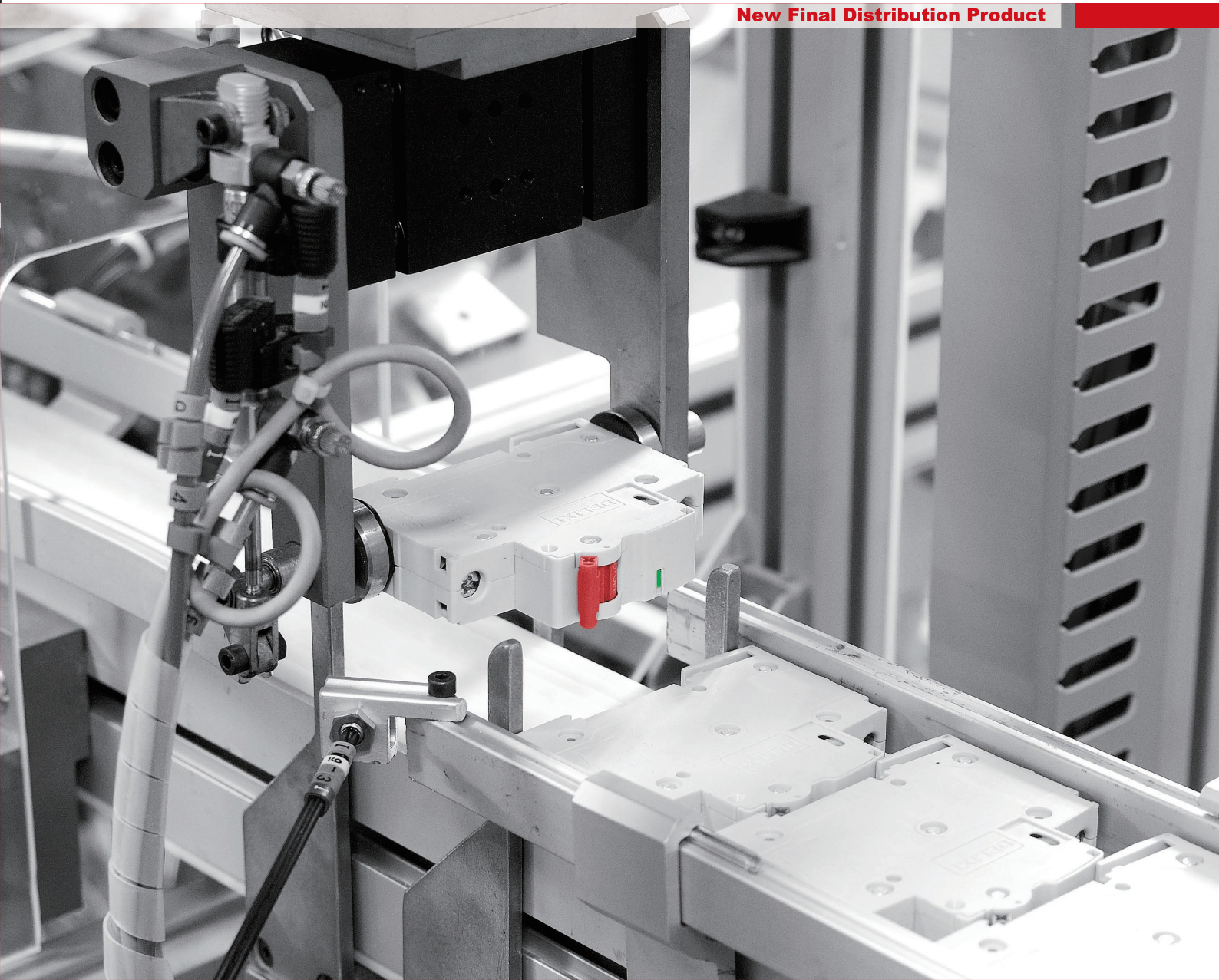
- The thermal model material shell, impact resistance is strong, have the flexibility, can from extinguish.
- Ensure high standard of the product performance, performance by environmental temperature little effect on the use of -30 °C temperature + 70 °C.

Advantage [show](#)

- Open circuit handle clear logo ON-OFF, convenient for observation and determine the work condition of the circuit breaker
- A very short points off time, better prevention line fault

The quick closed technology

New Final Distribution Product



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CDB9 18mm Miniature Circuit Breaker



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CDB9 18mm Miniature Circuit Breaker

Standard:IEC 60898-1

Trip Curve:B,C and D curves

Breaking Capacity: 6000/10000A



Function

CDB9 miniature circuit breakers combine the following functions:

- Protection of circuits against overload currents
- Protection of circuits against short-circuit currents
- Control
- Isolation

Order Information

Name	Breaking Capacity(kA)	Frame Size	Pole	Type	Rated current
CDB9	N: 6kA	63:63AF	1:1P	B:B Curve	1:1A
	H: 10kA		2:2P	C:C Curve	2:2A
			3:3P	D:D Curve	...
			4:4P		63:63A



Type	Breaking Capacity(kA)	Rating(A)	Width	Reference		
				B Curve	C Curve	D Curve
1P 1 2	6	1	2	CDB9N631B1	CDB9N631C1	CDB9N631D1
		2	2	CDB9N631B2	CDB9N631C2	CDB9N631D2
		4	2	CDB9N631B4	CDB9N631C4	CDB9N631D4
		6	2	CDB9N631B6	CDB9N631C6	CDB9N631D6
		10	2	CDB9N631B10	CDB9N631C10	CDB9N631D10
		16	2	CDB9N631B16	CDB9N631C16	CDB9N631D16
		20	2	CDB9N631B20	CDB9N631C20	CDB9N631D20
		25	2	CDB9N631B25	CDB9N631C25	CDB9N631D25
		32	2	CDB9N631B32	CDB9N631C32	CDB9N631D32
		40	2	CDB9N631B40	CDB9N631C40	CDB9N631D40
		50	2	CDB9N631B50	CDB9N631C50	CDB9N631D50
		63	2	CDB9N631B63	CDB9N631C63	CDB9N631D63
10	10	1	2	CDB9H631B1	CDB9H631C1	CDB9H631D1
		2	2	CDB9H631B2	CDB9H631C2	CDB9H631D2
		4	2	CDB9H631B4	CDB9H631C4	CDB9H631D4
		6	2	CDB9H631B6	CDB9H631C6	CDB9H631D6
		10	2	CDB9H631B10	CDB9H631C10	CDB9H631D10
		16	2	CDB9H631B16	CDB9H631C16	CDB9H631D16
		20	2	CDB9H631B20	CDB9H631C20	CDB9H631D20
		25	2	CDB9H631B25	CDB9H631C25	CDB9H631D25
		32	2	CDB9H631B32	CDB9H631C32	CDB9H631D32
		40	2	CDB9H631B40	CDB9H631C40	CDB9H631D40
		50	2	CDB9H631B50	CDB9H631C50	CDB9H631D50
		63	2	CDB9H631B63	CDB9H631C63	CDB9H631D63

Note:Width refers to multiple of 9 mm.

B curve product need to customize

CDB9 18mm Miniature Circuit Breaker

Standard: IEC 60898-1

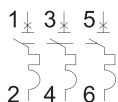
Trip Curve: B, C and D curves

Breaking Capacity: 6000/10000A



Function



Order Information						
Type	Breaking Capacity(kA)	Rating(A)	Width	Reference		
				B Curve	C Curve	D Curve
2P 	6	1	4	CDB9N632B1	CDB9N632C1	CDB9N632D1
		2	4	CDB9N632B2	CDB9N632C2	CDB9N632D2
		4	4	CDB9N632B4	CDB9N632C4	CDB9N632D4
		6	4	CDB9N632B6	CDB9N632C6	CDB9N632D6
		10	4	CDB9N632B10	CDB9N632C10	CDB9N632D10
		16	4	CDB9N632B16	CDB9N632C16	CDB9N632D16
		20	4	CDB9N632B20	CDB9N632C20	CDB9N632D20
		25	4	CDB9N632B25	CDB9N632C25	CDB9N632D25
		32	4	CDB9N632B32	CDB9N632C32	CDB9N632D32
		40	4	CDB9N632B40	CDB9N632C40	CDB9N632D40
		50	4	CDB9N632B50	CDB9N632C50	CDB9N632D50
		63	4	CDB9N632B63	CDB9N632C63	CDB9N632D63
		10	4	CDB9H632B1	CDB9H632C1	CDB9H632D1
		2	4	CDB9H632B2	CDB9H632C2	CDB9H632D2
		4	4	CDB9H632B4	CDB9H632C4	CDB9H632D4
		6	4	CDB9H632B6	CDB9H632C6	CDB9H632D6
		10	4	CDB9H632B10	CDB9H632C10	CDB9H632D10
		16	4	CDB9H632B16	CDB9H632C16	CDB9H632D16
		20	4	CDB9H632B20	CDB9H632C20	CDB9H632D20
		25	4	CDB9H632B25	CDB9H632C25	CDB9H632D25
		32	4	CDB9H632B32	CDB9H632C32	CDB9H632D32
		40	4	CDB9H632B40	CDB9H632C40	CDB9H632D40
		50	4	CDB9H632B50	CDB9H632C50	CDB9H632D50
		63	4	CDB9H632B63	CDB9H632C63	CDB9H632D63
3P 	6	1	6	CDB9N633B1	CDB9N633C1	CDB9N633D1
		2	6	CDB9N633B2	CDB9N633C2	CDB9N633D2
		4	6	CDB9N633B4	CDB9N633C4	CDB9N633D4
		6	6	CDB9N633B6	CDB9N633C6	CDB9N633D6
		10	6	CDB9N633B10	CDB9N633C10	CDB9N633D10
		16	6	CDB9N633B16	CDB9N633C16	CDB9N633D16
		20	6	CDB9N633B20	CDB9N633C20	CDB9N633D20
		25	6	CDB9N633B25	CDB9N633C25	CDB9N633D25
		32	6	CDB9N633B32	CDB9N633C32	CDB9N633D32
		40	6	CDB9N633B40	CDB9N633C40	CDB9N633D40
		50	6	CDB9N633B50	CDB9N633C50	CDB9N633D50
		63	6	CDB9N633B63	CDB9N633C63	CDB9N633D63

Note: Width refers to multiple of 9 mm.

B curve product need to customize

CDB9 18mm Miniature Circuit Breaker

Standard:IEC 60898-1

Trip Curve:B,C and D curves

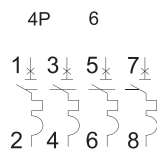
Breaking Capacity: 6000/10000A



Function

Order Information

Type	Breaking Capacity(kA)	Rating(A)	Width	Reference		
				B Curve	C Curve	D Curve
10		1	6	CDB9H633B1	CDB9H633C1	CDB9H633D1
		2	6	CDB9H633B2	CDB9H633C2	CDB9H633D2
		4	6	CDB9H633B4	CDB9H633C4	CDB9H633D4
		6	6	CDB9H633B6	CDB9H633C6	CDB9H633D6
		10	6	CDB9H633B10	CDB9H633C10	CDB9H633D10
		16	6	CDB9H633B16	CDB9H633C16	CDB9H633D16
		20	6	CDB9H633B20	CDB9H633C20	CDB9H633D20
		25	6	CDB9H633B25	CDB9H633C25	CDB9H633D25
		32	6	CDB9H633B32	CDB9H633C32	CDB9H633D32
		40	6	CDB9H633B40	CDB9H633C40	CDB9H633D40
		50	6	CDB9H633B50	CDB9H633C50	CDB9H633D50
		63	6	CDB9H633B63	CDB9H633C63	CDB9H633D63



4P 6		1	8	CDB9N634B1	CDB9N634C1	CDB9N634D1
		2	8	CDB9N634B2	CDB9N634C2	CDB9N634D2
		4	8	CDB9N634B4	CDB9N634C4	CDB9N634D4
		6	8	CDB9N634B6	CDB9N634C6	CDB9N634D6
		10	8	CDB9N634B10	CDB9N634C10	CDB9N634D10
		16	8	CDB9N634B16	CDB9N634C16	CDB9N634D16
		20	8	CDB9N634B20	CDB9N634C20	CDB9N634D20
		25	8	CDB9N634B25	CDB9N634C25	CDB9N634D25
		32	8	CDB9N634B32	CDB9N634C32	CDB9N634D32
		40	8	CDB9N634B40	CDB9N634C40	CDB9N634D40
		50	8	CDB9N634B50	CDB9N634C50	CDB9N634D50
		63	8	CDB9N634B63	CDB9N634C63	CDB9N634D63

10		1	8	CDB9H634B1	CDB9H634C1	CDB9H634D1
		2	8	CDB9H634B2	CDB9H634C2	CDB9H634D2
		4	8	CDB9H634B4	CDB9H634C4	CDB9H634D4
		6	8	CDB9H634B6	CDB9H634C6	CDB9H634D6
		10	8	CDB9H634B10	CDB9H634C10	CDB9H634D10
		16	8	CDB9H634B16	CDB9H634C16	CDB9H634D16
		20	8	CDB9H634B20	CDB9H634C20	CDB9H634D20
		25	8	CDB9H634B25	CDB9H634C25	CDB9H634D25
		32	8	CDB9H634B32	CDB9H634C32	CDB9H634D32
		40	8	CDB9H634B40	CDB9H634C40	CDB9H634D40
		50	8	CDB9H634B50	CDB9H634C50	CDB9H634D50
		63	8	CDB9H634B63	CDB9H634C63	CDB9H634D63

Note:Width refers to multiple of 9 mm.

B curve product need to customize

CDB9 18mm Miniature Circuit Breaker

Standard: IEC 60898-1

Trip Curve: B, C and D curves

Breaking Capacity: 6000/10000A



Technical Data					
MCB	CDB9 18mm Circuit Breaker				
Electrical Features	Standard	IEC 60898-1			
	Certification	KEMA CB CE			
	Poles	1-4P			
	Rated Current In	1,2,4,6,10,16,20,25,32,40,50,63A			
	Rated Voltage Ue	230/400V AC			
	Insulation Voltage Ui	500V			
	Breaking Capacity Icn				
	Rate Current(A)	Breaking Capacity Icn(kA)	Type	Poles	Voltage (V)
	1-63	6	B,C,D	1P	230/400
				2P,3P,4P	400
	1-63	10	B,C,D	1P	230/400
				2P,3P,4P	400
	Tripping Curve(see following tripping curve pictures)				
B curve; the magnetic release operates between 3 and 5 In					
C curve; the magnetic release operates between 5 and 10 In					
D curve; the magnetic release operates between 10 and 14 In					
Mechanical Features	Electrical Durability	10000 times			
	Mechanical Durability	20000 times			
	Protection Degree	2			
	Ambient Temperture	-30 °C~+70°C			
Connection	1-32A	Up to 25mm² cables	40-63	Up to 35mm² cables	
Installation	Rate Current(A)	Screw	Rated Torque(Nm)	Limiting Torque(Nm)	
	1-32	M5	2.0	2.5	
	40-63	M6.5	3.5	2.5	
Mounting	35mm Din-rail				
Accessories	Contact Accessory	OF			
	Fault-Indicating Accessory	SD			
	Shunt-Trip Release	MX+OF			

CDB9 18mm Miniature Circuit Breaker

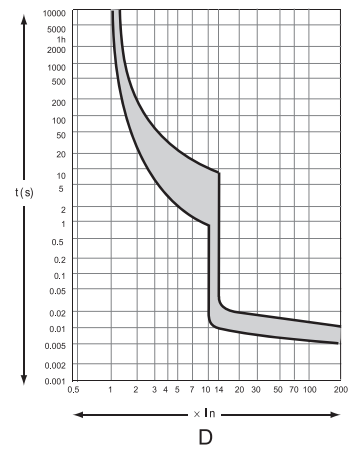
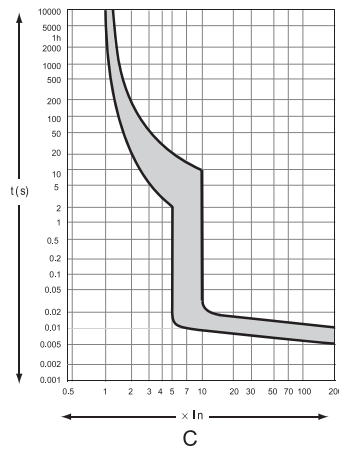
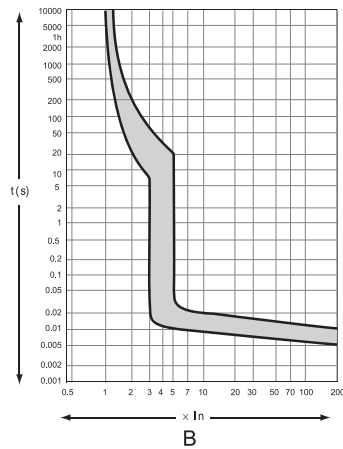
Standard: IEC 60898-1

Trip Curve: B, C and D curves

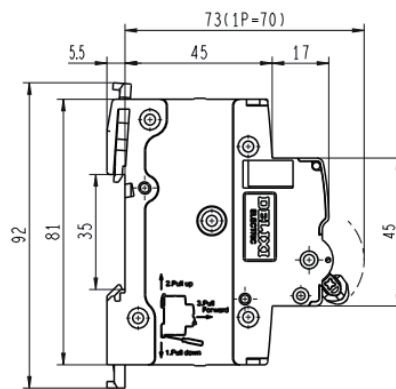
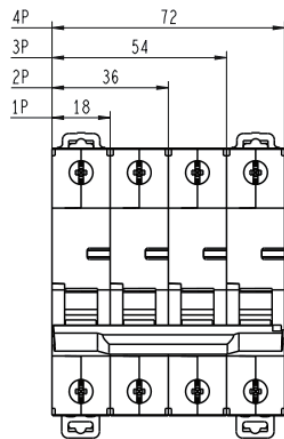
Breaking Capacity: 6000/10000A



Tripping Curve

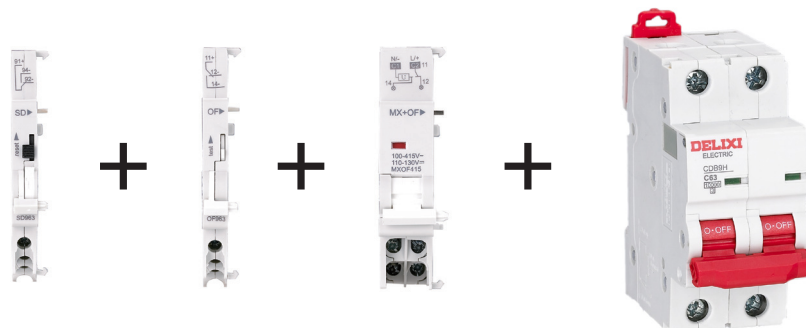


Overall Dimensions



Unit: mm

Accessory



CDG9 Switch Disconnecter

Standard: IEC 60947-3

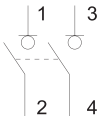
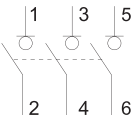
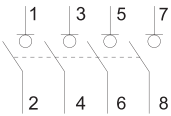


Function

CDG9 switch disconnectors combine the following functions:

- Making and breaking normal load circuits
- Isolation



Order Information			
Type	Rating(A)	Width (in mod.of 9mm)	Reference
1P 	32	2	CDG9125132
	63	2	CDG9125163
	100	2	CDG91251100
	125	2	CDG91251125
2P 	32	4	CDG9125232
	63	4	CDG9125263
	100	4	CDG91252100
	125	4	CDG91252125
3P 	32	6	CDG9125332
	63	6	CDG9125363
	100	6	CDG91253100
	125	6	CDG91253125
4P 	32	8	CDG9125432
	63	8	CDG9125463
	100	8	CDG91254100
	125	8	CDG91254125

CDG9 Switch Disconnecter

Standard: IEC 60947-3

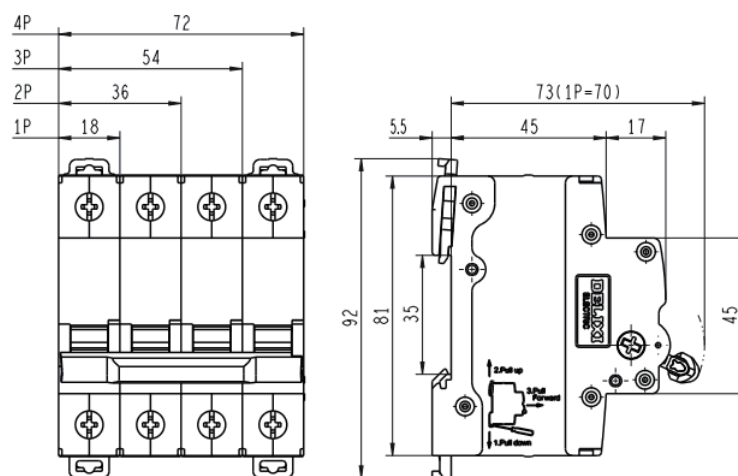


Technical Data

Switch Disconnecter	CDG9 Switch Disconnecter			
Electrical Features	Standard	IEC 60947-3		
	Certification	CB,CE,TUV		
	Poles	I-4P		
	Rated Current In	32,63,100,125A		
	Rated Voltage Ue	230/400VAC		
	Insulation Voltage Ui	500V		
	Short-time Withstand			
	Current for 1s	12Ie		
Mechanical Features	Electrical Durability	10000 times		
	Mechanical Durability	20000 times		
	Protection Degree	2		
	Ambient Temperature	-30 °C~+70°C		
	Tropicalization	treatment 2		
Connection	Up to 50mm² cables			
Installation	Rate current(A)	Screw	Rated Torque(Nm)	Limiting Torque(Nm)
	32-125	M6.5	3.5	3.5
Mounting	35mm Din-rail			

Overall Dimensions

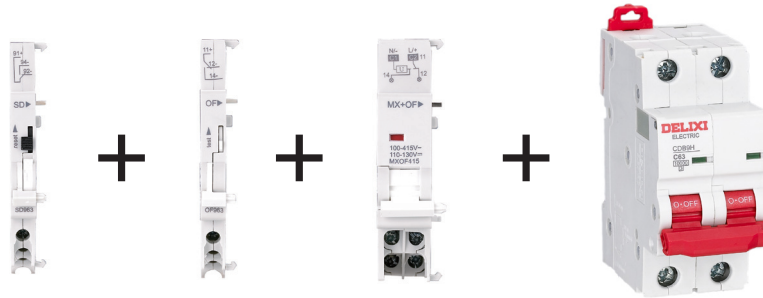
Unit: mm



Accessory

CDB9,CDB9LE

The sketch map of installation with breakers



Remote Control Auxiliaries

■ OF contact auxiliary

- Indicate ON or OFF state of the breaker
- Basic type of auxiliary contact: 1NO+1NC

■ SD fault-indicating switch

- Sent out fault signal on the front when breaking down
- Indicator on the front to show fault trip
- Basic type of auxiliary contact: NO+1NC

Tripping Device

■ MX+OF shunt trip release

- Indicate ON or OFF state of the breaker
- Without tools ,direct installed in the left of MCB

Introductions

- Without tools ,direct installed in the left of MCB
- Each MCB maximum assemble 3 control auxiliaries(OF or SD)



Order Information

Type	Width(mm)	Voltage(V)	Reference
OF	9		HDB963OF
SD	9		HDB963SD
MX+OF	18	AC/DC 12/24V	HDB963MX24
	18	AC/DC 48V	HDB963MX48
	18	AC 100-415V DC 110-130V	HDB963MX415

Memo

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Memo

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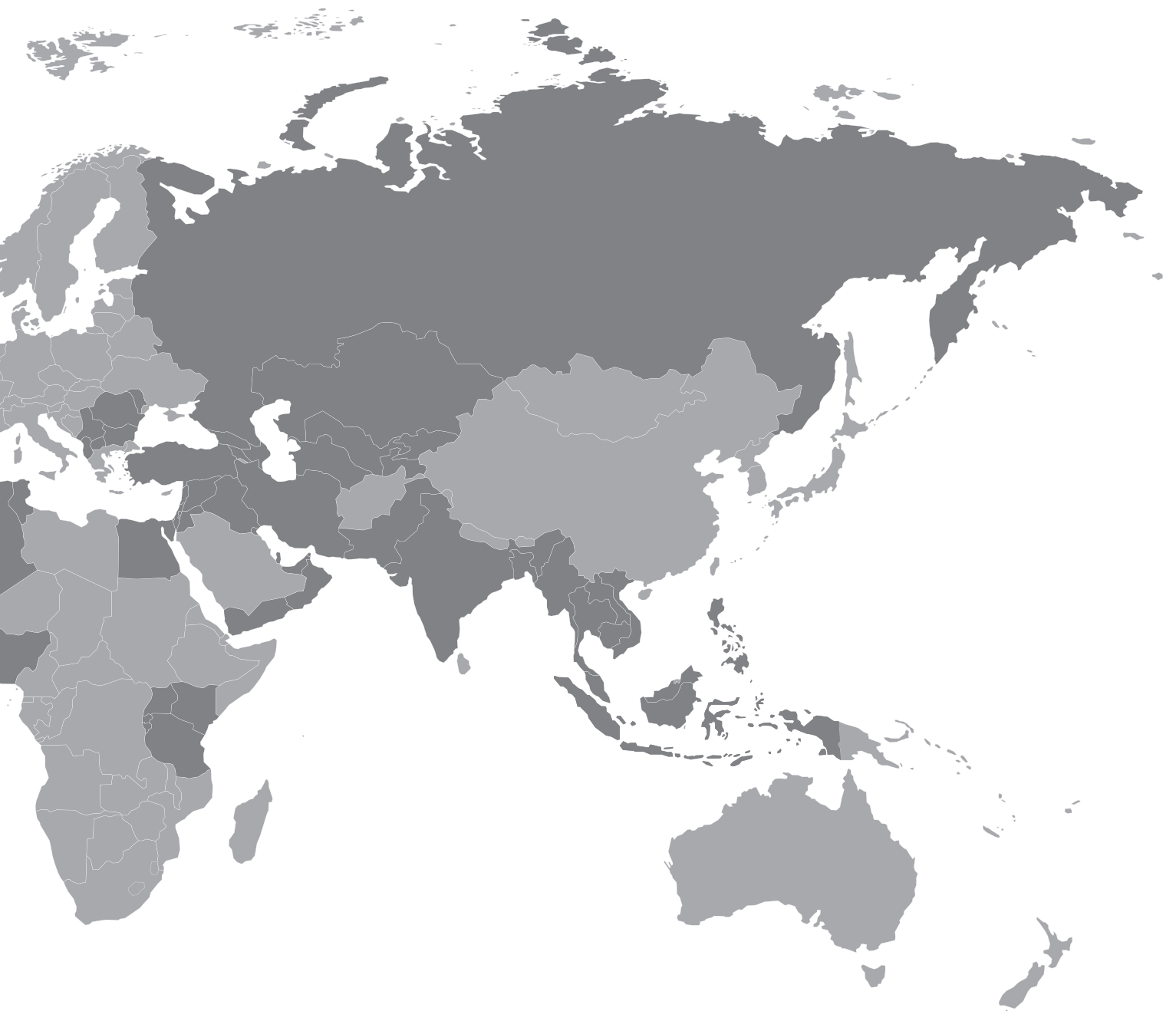
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A Company to Serve



e You Where You Are



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