

Functions and Features

CDG6i Isolation switch



CDG6i Isolation switch

CDG6i isolating switch has the following functions

- Isolation
- On-off resistive and inductive mixed loads

Main features

Rated current (A)	20, 25, 32, 40, 63, 80, 100, 125A
Rated working voltage	230V AC
Poles	1P、2P、3P、4P
Isolation function	Yes
Mechanical life	10000 Times
Electrical life	Use category: AC-22A cosφ=0.8 3000 Times
Impulse withstand voltage	4kV
Use category	AC-22A
Rated short-time withstand current	20Ie, 1 s

Environment	Operating environment temperature: -20°C ~ 60°C Humidity: Class 2 (95% relative humidity at 55°C)
Wiring	Tunnel terminal 63A and below for wires up to 25mm²; 80A and above for wires up to 50mm²
Installation	Modular construction for easy installation on DIN rails Rated torque: 2.5N.m for 63A and below; 3.5N.m for 80A and above
Standard	GB/T14048.3, IEC60947-3

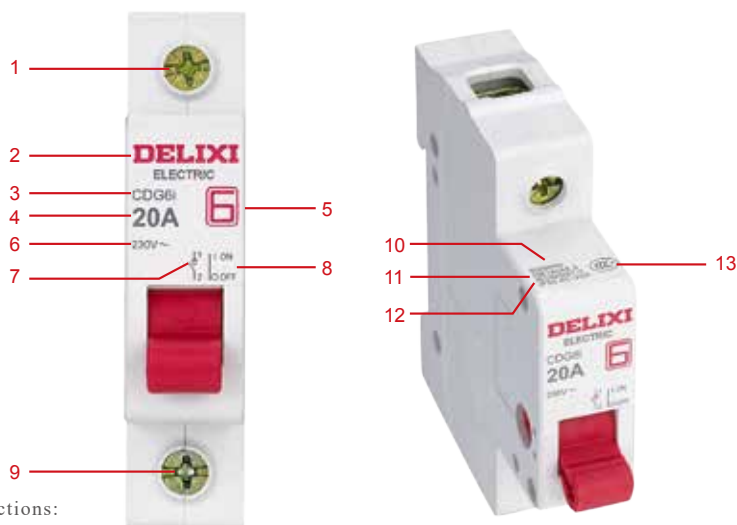
Certified



* RoHS-compliant products have separate material numbers, please pay attention to the selection when placing an order

* Only RoHS compliant products are CE compliant

Product detail presentation



Instructions:

- | | | |
|---|---------------------------------------|------------------------|
| 1. Power terminal | 2. Company trademark | 3. Product model |
| 4. Rated current: 20, 25, 32, 40, 63, 80, 100, 125A | | |
| 5. Series identification | 6. Rated voltage: 230V (1P)/400V | 7. Isolation symbol |
| 8. Closing and opening indication | 9. Load terminal | 10. Frequency |
| 11. Compliance with standards | 12. Protection level and use category | 13. Certification mark |

Selection

Selection rules and order numbers



CDG6i Isolation switch

Name	Poles	Rated current
CDG6i	1	20
	1: 1P 2: 2P 3: 3P 4: 4P	20: 20A 25: 25A 32: 32A 40: 40A 63: 63A 80: 80A 100: 100A 125: 125A

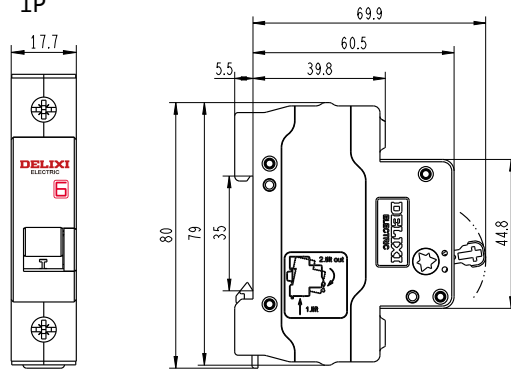
Note: The above are non-RoHS material selection rules; if you need to comply with RoHS products, just change the model to CDG6R.

CDG6i Isolation switch	Type	Rated current	Order code
1P		20	CDG6i120
		25	CDG6i125
		32	CDG6i132
		40	CDG6i140
		63	CDG6i163
		80	CDG6i180
		100	CDG6i1100
		125	CDG6i1125
2P		20	CDG6i220
		25	CDG6i225
		32	CDG6i232
		40	CDG6i240
		63	CDG6i263
		80	CDG6i280
		100	CDG6i2100
		125	CDG6i2125
3P		20	CDG6i320
		25	CDG6i325
		32	CDG6i332
		40	CDG6i340
		63	CDG6i363
		80	CDG6i380
		100	CDG6i3100
		125	CDG6i3125
4P		20	CDG6i420
		25	CDG6i425
		32	CDG6i432
		40	CDG6i440
		63	CDG6i463
		80	CDG6i480
		100	CDG6i4100
		125	CDG6i4125

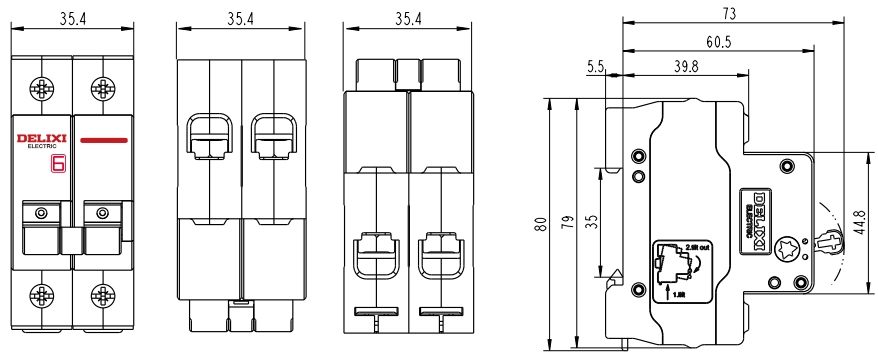
Installation size

CDG6i Isolation switch

1P

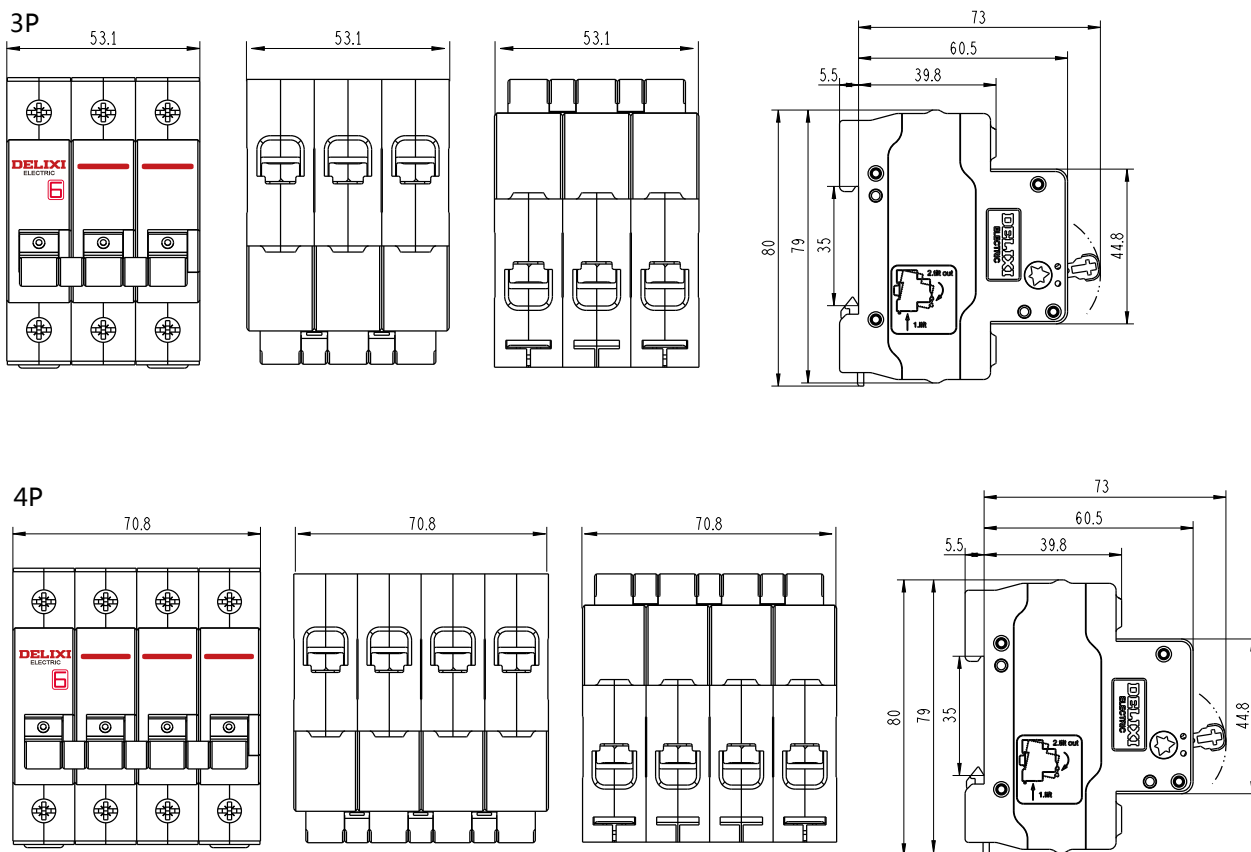


2P



Installation size

CDG6i Isolation switch



CDY6 Power surge protector

CDY6-20/40/65

