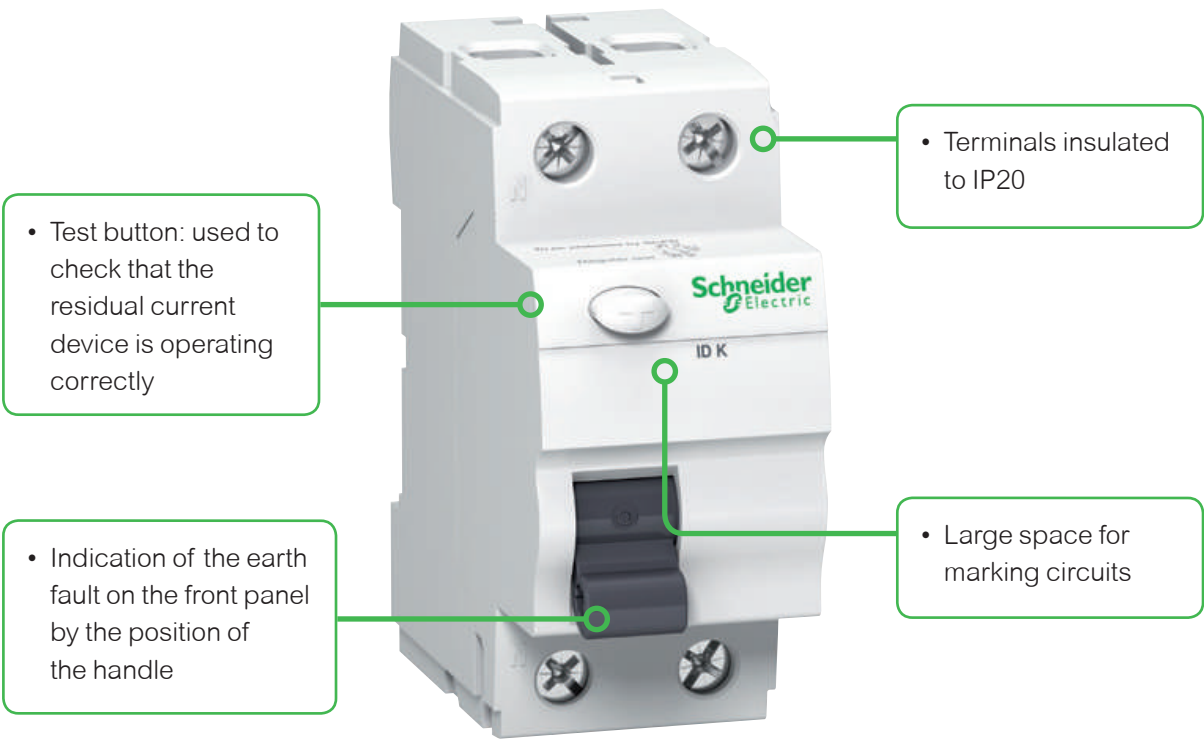


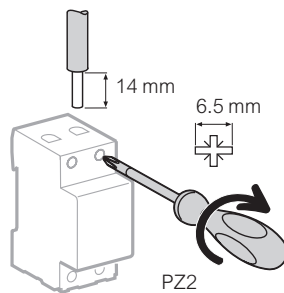
Earth leakage protection

ID K Biconnect residual current circuit breakers



Connection

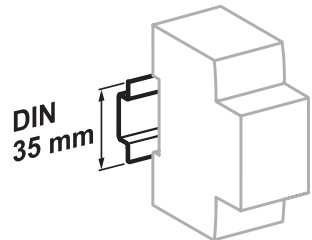
- Downstream by Biconnect comb busbar
- Upstream/downstream by tunnel terminals



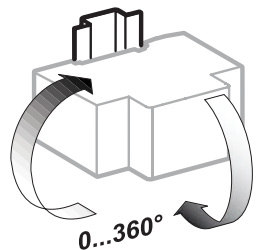
Common characteristics		
Type	IDK Biconnect	
Tightening torque	3.5 N.m	
Copper cables	Rigid	1 to 35 mm ²
	Flexible or with ferrule	1 to 25 mm ²

Earth leakage protection

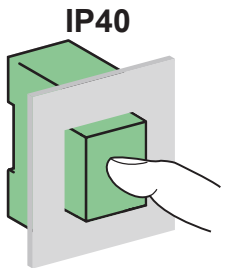
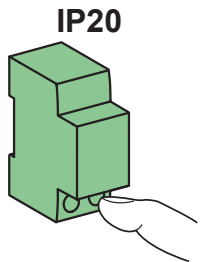
ID K Biconnect residual current circuit breakers




Clip on DIN rail 35 mm.



Indifferent position of installation.



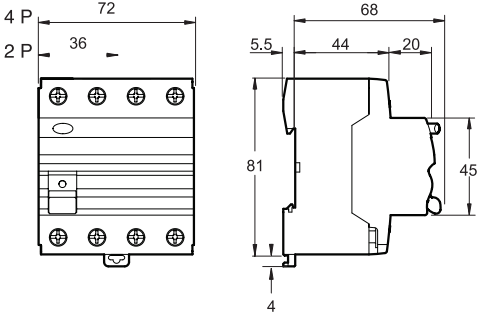
Technical Data

Main characteristics		
Insulation voltage (Ui)		440 V
Degree of pollution		2
Rated impulse withstand voltage (Uimp)		4 kV
Making and breaking capacity (Im/I m Lc)	25 - 40 A	500 A
	63 A	630 A
Impulse current withstand (8/20 μs) without dripping		Up to 200 Å
Conditional rated short-circuit current (Im/I m Lc)	With circuit break	6000 A
	With fuse	4500 A
Behaviour in case of voltage drop		Residual current protection down to 0 V according to IEC/EN 61008-1 § 3.3.4
Additional characteristics		
Degree of protection	Device only	IP20
	Device in modular enclosure	IP40 Insulation class II
Endurance (O-C)	Electrical	4000 cycles (AC1)
	Mechanical	5000 cycles
Operating temperature	AC type	-5°C to +55°C
Storage temperature	-25°C to +85°C	
Tropicalization (IEC 60068-1)		Treatment 2 (relative humidity 95% at 55°C)

Weight (g)

Residual current circuit breakers		
Type	2P	4P
ID K Biconnect	180	350

Dimensions (mm)



Earth leakage protection


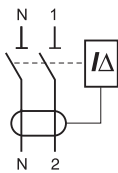
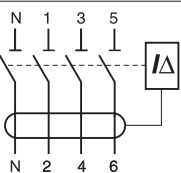
ID K Biconnect residual current circuit breakers



- IEC/EN 61008-1
- The ID K Biconnect residual current circuit breakers offer the following functions:
- Protection of persons against electric shock by direct contact (30 mA)
 - Protection of persons against electric shock by indirect contact (> 100 mA)
 - Protection of installations against the risks of fire (300 mA)



Product Reference

ID K Biconnect residual current circuit breakers						
Type		AC 			Width in 9 mm modules	
	Sensitivity	30 mA	100 mA	300 mA	4	
	Rating	25 A	A9KR13225S	-		A9KR16225
		40 A	A9KR13240S	A9KR15240		A9KR16240
		63 A	A9KR13263S	A9KR15263		A9KR16263
	Sensitivity				8	
	Rating	40 A	A9KR13440S	A9KR15440		A9KR16440
		63 A	A9KR13463S	A9KR15463		A9KR16463
Operating voltage (Ue)	2P	230 V				
	4P	415 V				
Operating frequency		50 Hz				

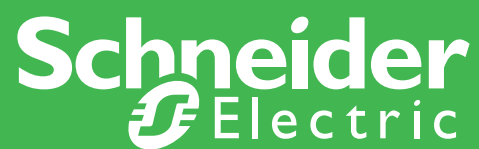


About Schneider Electric

Schneider Electric is the global specialist in energy management and automation. With revenues of ~€27 billion in FY2015, our 160,000+ employees serve customers in over 100 countries, helping them to manage their energy and process in ways that are safe, reliable, efficient and sustainable. From the simplest of switches to complex operational systems, our technology, software and services improve the way our customers manage and automate their operations. Our connected technologies reshape industries, transform cities and enrich lives.

At Schneider Electric, we call this **Life Is On.**

Life Is On



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