



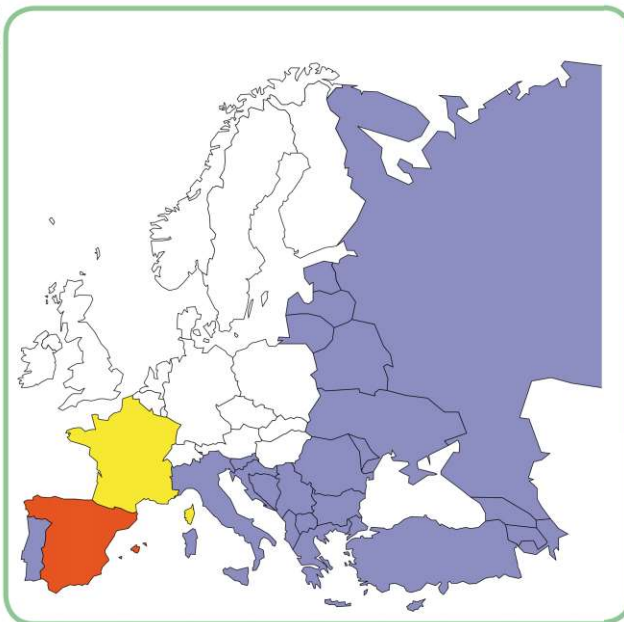
Schneider Electric's range of residual current circuit breakers consists of different products (A, B, C, D) to enable it to be the most competitive range possible in each country, allowing for the special characteristics of each market:

- usual installation procedure
- price
- accreditations by local bodies.

Variants

Offers		Pages
Offer A	Catalogue numbers	173
Offer B/C	Catalogue numbers	174
Offer D	Catalogue numbers	175
Common pages		176

DB406480



Only the product range to be marketed in your country and validated by the local product manager, in agreement with his Final Distribution (FD) partner should be retained. The others will be removed before publication.

DB406481





IEC/EN 61008-1
IEC/EN 61008-2-1: Voltage Independent

- The iID K residual current circuit breakers provide:
 - protection of persons against electric shock by direct contact (30 mA),
 - protection of persons against electric shock by indirect contact,
 - protection of installations against the risk of fire.
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

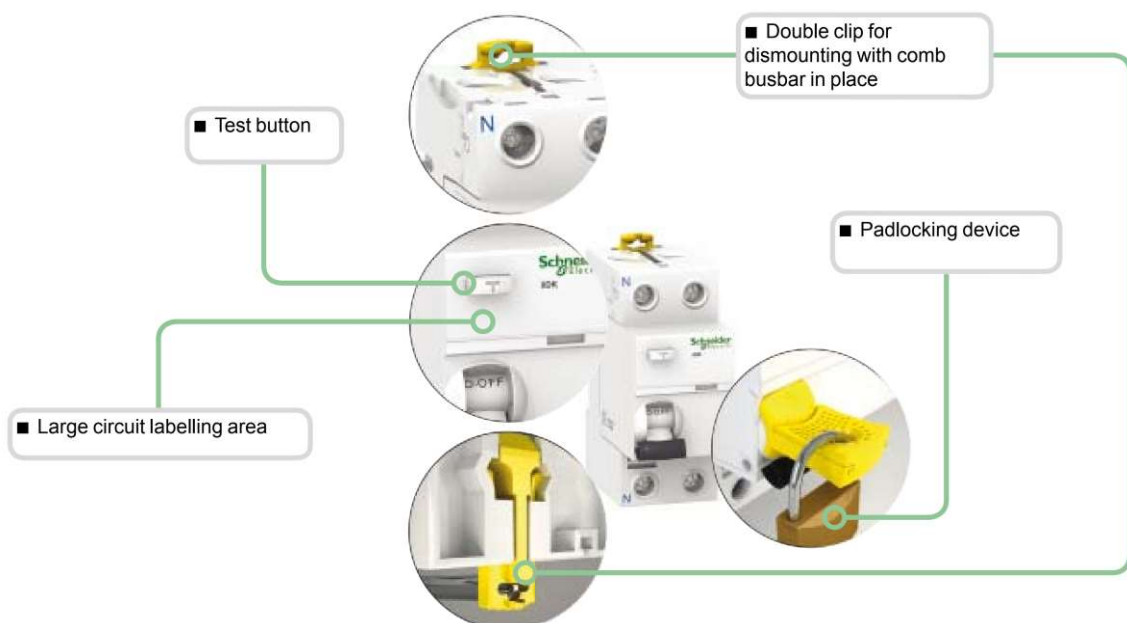
Catalogue numbers

iID K residual current circuit breakers					
Type	AC			Width in 9-mm modules	
Product	iID K				
Auxiliaries	Without auxiliaries				
		Sensitivity	30 mA	300 mA	
2P 	Rating	25 A	A9R55225	A9R56225	4
		40 A	A9R55240	A9R56240	
4P 	Rating	25 A	A9R55425	A9R56425	8
		40 A	A9R55440	A9R56440	
Voltage rating (Ue)	2P	230 - 240 V			
	4P	400 - 415 V			
Operating frequency	50/60 Hz				

Offer selection see page 172

Offer A

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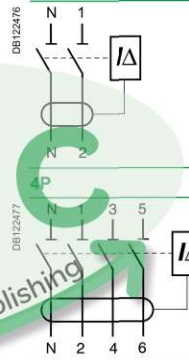


IEC/EN 61008-1
IEC/EN 61008-2-1: Voltage Independent

- The iID K residual current circuit breakers provide:
 - protection of persons against electric shock by direct contact (30 mA),
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Catalogue numbers

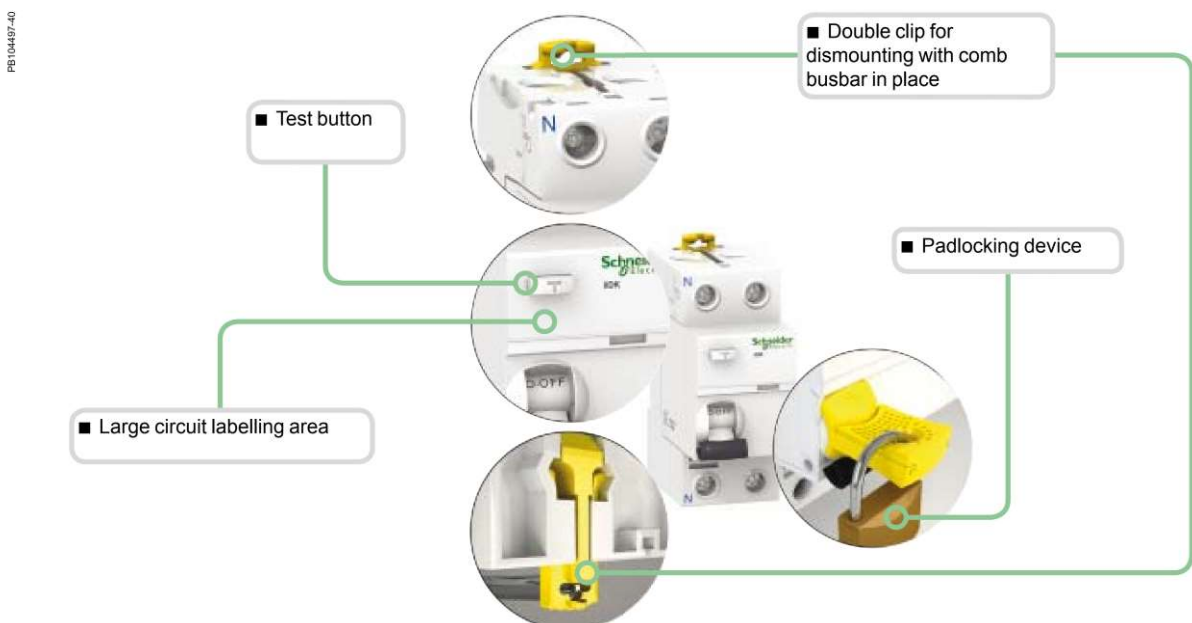
iID K residual current circuit breakers					
Type		AC \sim			Width in 9-mm modules
Product		iID K			
Auxiliaries		Without auxiliaries			
			30 mA	300 mA	
2P	Rating	25 A	A9R50225	A9R75225	4
		40 A	A9R50240	A9R75240	
4P	Rating	25 A	A9R50425	A9R75425	8
		40 A	A9R50440	A9R75440	
		63 A	A9R70463	A9R75463	
Voltage rating (Ue)	2P	230 - 240 V			
	4P	400 - 415 V			
Operating frequency		50/60 Hz			



Offer B, C

Offer selection see page 172

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IEC/EN 61008-1
IEC/EN 61008-2-1: Voltage Independent

- The iID K residual current circuit breakers provide:
 - protection of persons against electric shock by direct contact (30 mA),
 - protection of persons against electric shock by indirect contact,
 - protection of installations against the risk of fire.
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Catalogue numbers

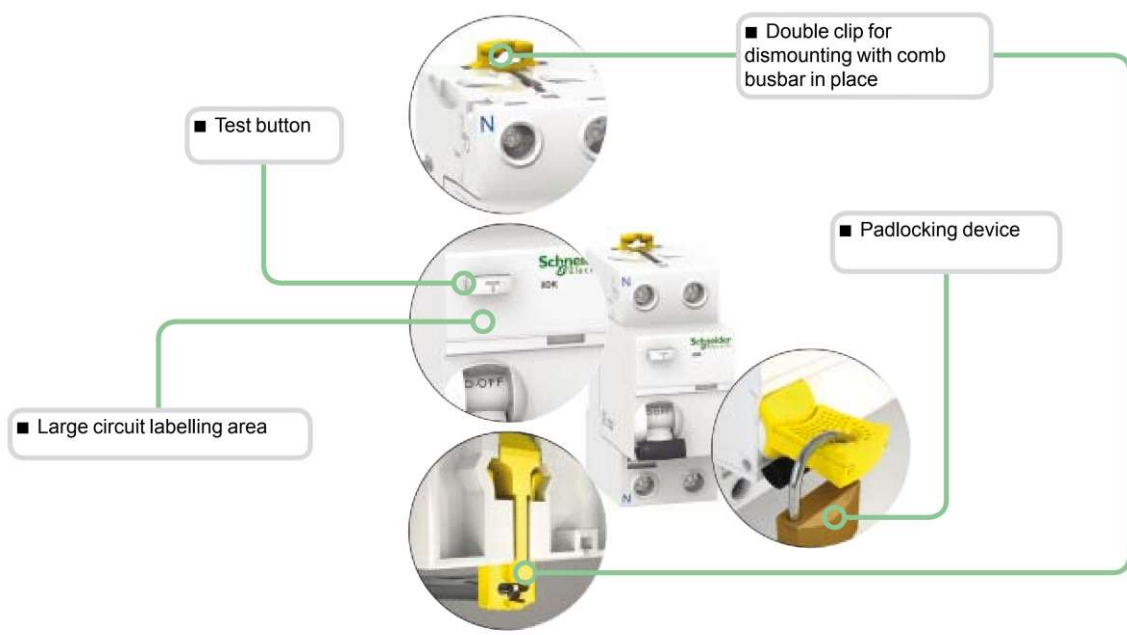
iID K residual current circuit breakers				
Type	AC			Width in 9-mm modules
Product	iID K			
Auxiliaries	Without auxiliaries			
	Sensitivity	30 mA	300 mA	
2P 	Rating	25 A	A9R60225	A9R75225
		40 A	A9R60240	A9R75240
4P 	Rating	25 A	A9R50425	A9R75425
		40 A	A9R50440	A9R75440
		63 A	A9R70463	A9R75463
Voltage rating (Ue)	2P	230 - 240 V		
	4P	400 - 415 V		
Operating frequency	50/60 Hz			

Offer selection see page 172

Offer D

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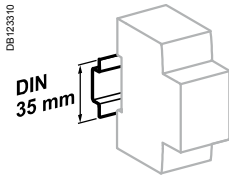
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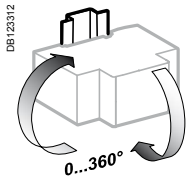
iID K residual current circuit breakers (cont.)

Connection

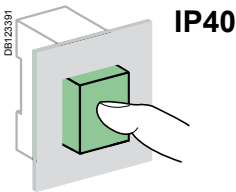
Type	Tightening torque	Copper cables	
		Rigid	Flexible or with ferrule
iID K	3.5 N.m	DB122945 1 to 35 mm ²	DB122946 1 to 25 mm ²



Clip on DIN rail 35 mm.



Indifferent position of installation.



Technical data

Main characteristics		
According to IEC/EN 61008-1 and IEC/EN 61008-2-1		
Insulation voltage (Ui)		440 V
Pollution degree		2
Rated impulse withstand voltage (Uimp)		4 kV
Making and breaking capacity (Im/IΔm)	25 to 40 A	500 A
	63 A	630 A
Surge current withstand (8/20 μs) without tripping		Up to 200 Å
Conditional rated short circuit current (Inc/IΔc)	With iC60N/H/L, iK60N	6000 A
	With fuse 100 A	4500 A
Behaviour in case of voltage drop		Ensure residual current protection down to 0 V
Additional characteristics		
Degree of protection	Device in modular enclosure	IP40
Endurance (O-C)	Electrical	2000 cycles (AC1)
	Mechanical	5000 cycles
Operating temperature		-5°C to +60°C
Storage temperature		-40°C to +85°C

Weight (g)

Residual current circuit breakers	
Type	iID K
2P	210
4P	370

Dimensions (mm)

