

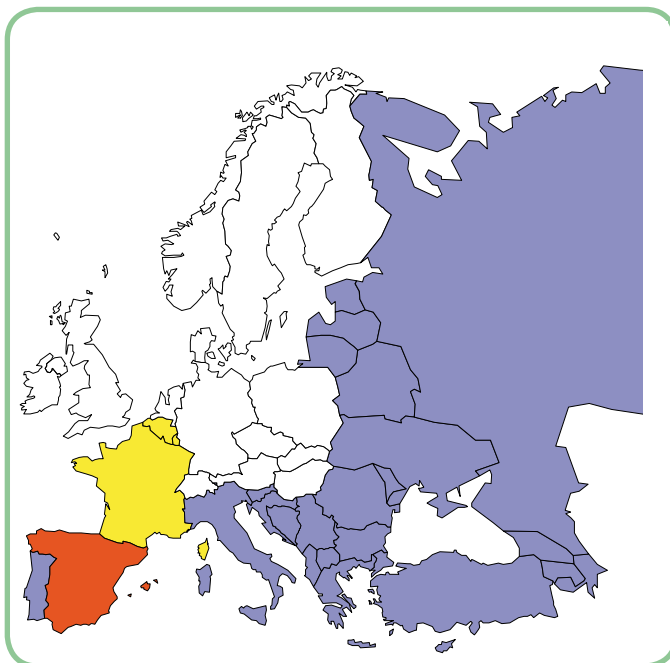


Schneider Electric's range of residual current circuit breakers consists of different products (A, B, C, D) to enable it to be the most competitive range possible in each country, allowing for the special characteristics of each market:

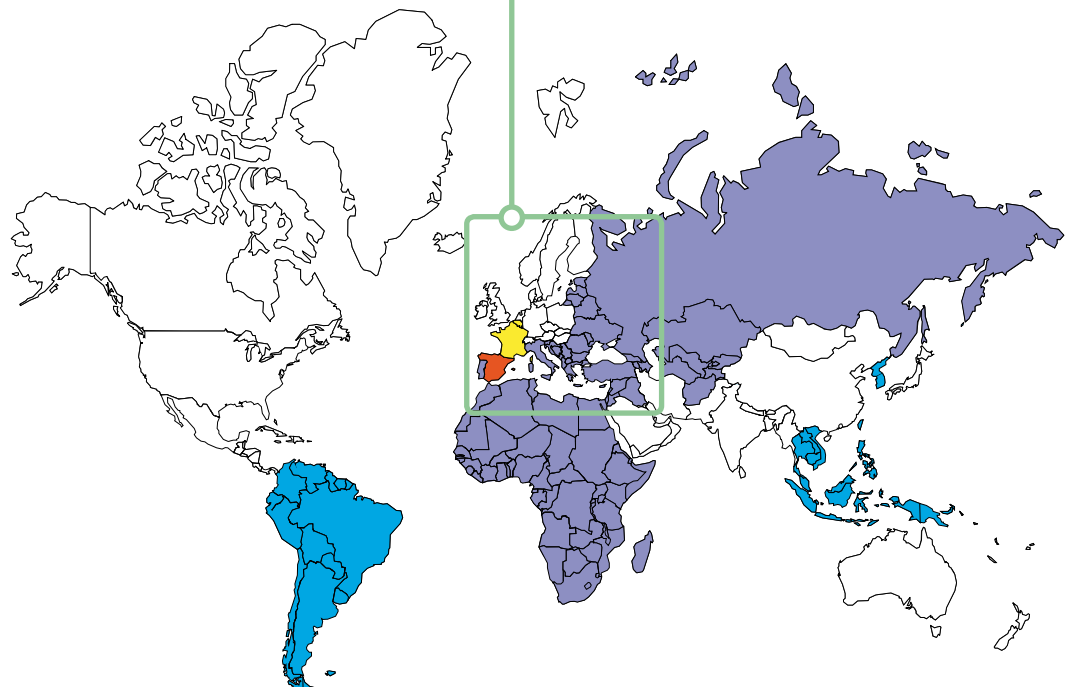
- usual installation procedure
- price
- accreditations by local bodies.

Variants

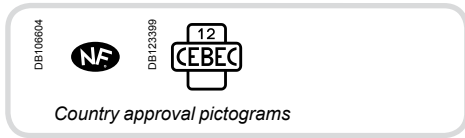
Offers		Pages
Offer A	Catalogue numbers	152
Offer B	Catalogue numbers	155
Offer C	Catalogue numbers	158
Offer D	Catalogue numbers	161
Common pages		164



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.



iID residual current circuit breakers (AC type)



IEC/EN 61008-1
IEC/EN 61008-2-1

Voltage Independent



- The iID 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 (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Offer selection see page 151

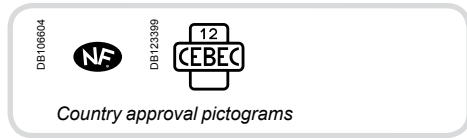
Offer A

This sticker must be removed before publishing

Catalogue numbers

iID residual current circuit breakers									
Type	AC							Width in 9 mm module	
Auxiliaries	Module CA907002								
2P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA	500 mA	
	Rating	16 A	A9R10216	-	-	-	-	-	
		25 A	A9R10225	A9R11225	-	A9R14225	A9R16225	-	
		40 A	-	A9R11240	A9R12240	A9R14240	A9R16240	-	
		63 A	-	A9R11263	A9R12263	A9R14263	A9R16263	A9R15263	
		80 A	-	A9R11280	A9R12280	A9R14280	-	A9R15280	
		100 A	-	A9R11291	A9R12291	A9R14291	-	A9R15291	
	Rating	25 A	-	A9R11425	-	A9R14425	A9R16425	-	
		40 A	-	A9R11440	A9R12440	A9R14440	A9R16440	A9R15440	
		63 A	-	A9R11463	A9R12463	A9R14463	A9R16463	A9R15463	
		80 A	-	A9R11480	A9R12480	A9R14480	A9R16480	A9R15480	
		100 A	-	A9R11491	A9R12491	A9R14491	-	A9R15491	
Voltage rating (Ue)	2P	230 - 240 V							
	4P	400 - 415 V							
Operating frequency	50/60 Hz								
Accessories	Module CA907000 and CA907001								

iID residual current circuit breakers (A type)



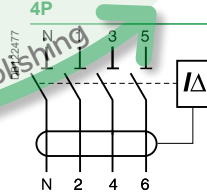
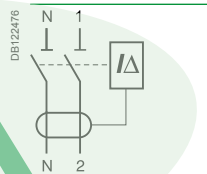
IEC/EN 61008-1
IEC/EN 61008-2-1

Voltage Independent

- The iID 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 (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Catalogue numbers

iID residual current circuit breakers			
Type	A	Width in 9 mm module	
Auxiliaries		Module CA907002	
2P	Sensitivity 30 mA		
Rating	63 A	A9R08263	4
4P	Sensitivity 30 mA		
Rating	63 A	A9R08463	8
Voltage rating (Ue)	2P	110 V	
	4P	230 V	
Operating frequency	50/60 Hz		
Accessories	Module CA907000 and CA907001		

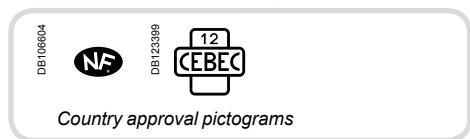


Offer selection see page 151

Offer A

This sticker must be removed before publishing

iID residual current circuit breakers									
Type	A	Width in 9 mm module							
Auxiliaries		Module CA907002							
2P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA		
	Rating	16 A	A9R20216	-	-	-	-	4	
		25 A	A9R20225	A9R01225	-	A9R04225	-		
		40 A	-	A9R01240	-	A9R04240	-		A9R05240
		63 A	-	A9R01263	-	A9R04263	-		A9R05263
		100 A	-	A9R01291	-	A9R04291	-		A9R05291
4P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA		
	Rating	25 A	A9R01425	-	A9R04425	-	-	8	
		40 A	A9R01440	A9R22440	A9R04440	A9R26440	A9R05440		
		63 A	A9R01463	A9R22463	A9R04463	A9R26463	A9R05463		
		80 A	A9R21480	-	A9R24480	-	A9R25480		
		100 A	A9R01491	-	A9R04491	A9R26491	A9R05491		
Voltage rating (Ue)	2P	230 - 240 V							
	4P	400 - 415 V							
Operating frequency	50/60 Hz								
Accessories	Module CA907000 and CA907001								



IEC/EN 61008-1
IEC/EN 61008-2-1

Voltage Independent



- The iID 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 (≥ 300 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

The **SI** type provides increased immunity from electrical interference and polluted or corrosive environments.

Offer selection see page 151

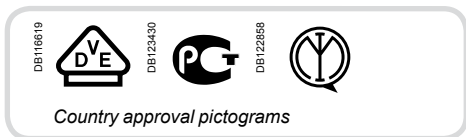
Offer A

This sticker must be removed before publishing

Catalogue numbers

iID residual current circuit breakers

Type	SI						Width in 9 mm module
Auxiliaries	Module CA907002						
2P	Sensitivity	10 mA	30 mA	300 mA	300 mA 	500 mA 	
<p>DB122476</p>	Rating	16 A	-	-	-	-	4
	25 A	A9R30225	A9R31225	-	-	-	
	40 A	-	A9R31240	-	A9R35240	-	
	63 A	-	A9R31263	-	A9R35263	-	
	100 A	-	-	-	A9R35291	-	
4P	Sensitivity	10 mA	30 mA	300 mA	300 mA 	500 mA 	
<p>DB122477</p>	Rating	25 A	-	A9R31425	-	-	8
	40 A	-	A9R31440	-	A9R35440	A9R37440	
	63 A	-	A9R31463	A9R34463	A9R35463	A9R37463	
	80 A	-	A9R31480	-	A9R35480	A9R37480	
	100 A	-	A9R31491	A9R34491	A9R35491	-	
Voltage rating (Ue)	2P	230 - 240 V					
	4P	400 - 415 V					
Operating frequency	50/60 Hz						
Accessories	Module CA907000 and CA907001						



IEC/EN 61008-1
IEC/EN 61008-2-1

Voltage Independent



- The iID 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 (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Offer selection see page 151

Offer B

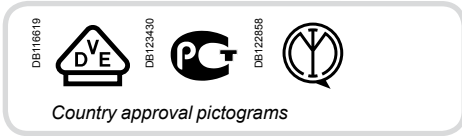
This sticker must be removed before publishing

Catalogue numbers

iID residual current circuit breakers

Type	AC								Width in 9 mm module	
Auxiliaries	Module CA907002									
2P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA	500 mA		
	Rating	16 A	A9R10216	-	-	-	-	-	4	
		25 A	A9R10225	A9R41225	-	A9R44225	A9R16225	-		
		40 A	-	A9R41240	A9R12240	A9R44240	A9R16240	-		
		63 A	-	A9R41263	A9R12263	A9R44263	A9R16263	A9R15263		
		80 A	-	A9R11280	A9R12280	A9R14280	-	A9R15280		
		100 A	-	A9R11291	A9R12291	A9R14291	-	A9R15291		
	Rating	25 A	-	A9R41425	-	A9R44425	A9R16425	-	8	
		40 A	-	A9R41440	A9R12440	A9R44440	A9R16440	A9R15440		
		63 A	-	A9R41463	A9R12463	A9R44463	A9R16463	A9R15463		
		80 A	-	A9R11480	A9R12480	A9R14480	A9R16480	A9R15480		
		100 A	-	A9R11491	A9R12491	A9R14491	-	A9R15491		
Voltage rating (Ue)	2P	230 - 240 V								
	4P	400 - 415 V								
Operating frequency	50/60 Hz									
Accessories	Module CA907000 and CA907001									

iID residual current circuit breakers (A type)



IEC/EN 61008-1
IEC/EN 61008-2-1

Voltage Independent



- The iID 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 (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Catalogue numbers

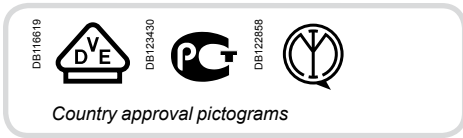
iID residual current circuit breakers			
Type	A		Width in 9 mm module
Auxiliaries	Module CA907002		
2P	Sensitivity	30 mA	
	Rating	63 A	A9R08263
			4
4P	Sensitivity	30 mA	
	Rating	63 A	A9R08463
			8
Voltage rating (Ue)	2P	110 V	
	4P	230 V	
Operating frequency	50/60 Hz		
Accessories	Module CA907000 and CA907001		

Offer selection see page 151

Offer B

This sticker must be removed before publishing

iID residual current circuit breakers								
Type	A							Width in 9 mm module
Auxiliaries	Module CA907002							
2P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA 	
	Rating	16 A	A9R20216	-	-	-	-	4
		25 A	A9R20225	A9R21225	-	A9R24225	-	
		40 A	-	A9R21240	-	A9R24240	-	A9R25240
		63 A	-	A9R21263	-	A9R24263	-	A9R25263
		100 A	-	A9R21291	-	A9R24291	-	A9R25291
4P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA 	
	Rating	25 A	-	A9R21425	-	A9R24425	-	8
		40 A	-	A9R21440	A9R22440	A9R24440	A9R26440	A9R25440
		63 A	-	A9R21463	A9R22463	A9R24463	A9R26463	A9R25463
		80 A	-	A9R21480	-	A9R24480	-	A9R25480
		100 A	-	A9R21491	-	A9R24491	A9R26491	A9R25491
Voltage rating (Ue)	2P	230 - 240 V						
	4P	400 - 415 V						
Operating frequency	50/60 Hz							
Accessories	Module CA907000 and CA907001							



IEC/EN 61008-1
IEC/EN 61008-2-1

Voltage Independent



- The iID 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 (≥ 300 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).

- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

The **SI** type provides increased immunity from electrical interference and polluted or corrosive environments.



Catalogue numbers

iID residual current circuit breakers							
Type	SI						Width in 9 mm module
Auxiliaries	Module CA907002						
2P	Sensitivity	10 mA	30 mA	300 mA	300 mA	500 mA	
	Rating	16 A	-	-	-	-	4
		25 A	A9R30225	A9R61225	-	-	
		40 A	-	A9R61240	-	A9R35240	
		63 A	-	A9R61263	-	A9R35263	
		100 A	-	-	-	A9R35291	
	Rating	25 A	-	A9R61425	-	-	8
		40 A	-	A9R61440	-	A9R35440	
		63 A	-	A9R61463	A9R34463	A9R35463	
		80 A	-	A9R31480	-	A9R35480	
		100 A	-	A9R31491	A9R34491	A9R35491	
Voltage rating (Ue)	2P	230 - 240 V					
	4P	400 - 415 V					
Operating frequency	50/60 Hz						
Accessories	Module CA907000 and CA907001						



IEC/EN 61008-1
IEC/EN 61008-2-1

Voltage Independent



- The iID 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 (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Offer selection see page 151

offer C

This sticker must be removed before publishing

Catalogue numbers

iID residual current circuit breakers								
Type	AC							Width in 9 mm module
Auxiliaries	Module CA907002							
2P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA 	500 mA
	Rating	16 A	A9R10216	-	-	-	-	-
		25 A	A9R10225	A9R71225	-	A9R74225	A9R16225	-
		40 A	-	A9R71240	A9R12240	A9R74240	A9R16240	-
		63 A	-	A9R71263	A9R12263	A9R74263	A9R16263	A9R15263
		80 A	-	A9R11280	A9R12280	A9R14280	-	A9R15280
		100 A	-	A9R11291	A9R12291	A9R14291	-	A9R15291
4P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA 	500 mA
	Rating	25 A	-	A9R71425	-	A9R74425	A9R16425	-
		40 A	-	A9R71440	A9R12440	A9R74440	A9R16440	A9R15440
		63 A	-	A9R71463	A9R12463	A9R74463	A9R16463	A9R15463
		80 A	-	A9R11480	A9R12480	A9R14480	A9R16480	A9R15480
		100 A	-	A9R11491	A9R12491	A9R14491	-	A9R15491
Voltage rating (Ue)	2P	230 - 240 V						
	4P	400 - 415 V						
Operating frequency	50/60 Hz							
Accessories	Module CA907000 and CA907001							



Country approval pictograms



IEC/EN 61008-1
IEC/EN 61008-2-1

Voltage Independent

- The iID 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 (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Catalogue numbers

iID residual current circuit breakers				
Type	A			Width in 9 mm module
Auxiliaries	Module CA907002			
2P	Sensitivity	30 mA		
	Rating	63 A	A9R08263	4
4P	Sensitivity	30 mA		
	Rating	63 A	A9R08463	8
Voltage rating (Ue)	2P	110 V		
	4P	230 V		
Operating frequency	50/60 Hz			
Accessories	Module CA907000 and CA907001			

Offer selection see page 151

offer C

This sticker must be removed before publishing

iID residual current circuit breakers									
Type	A							Width in 9 mm module	
Auxiliaries	Module CA907002								
2P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA		
	Rating	16 A	A9R20216	-	-	-	-	4	
		25 A	A9R20225	A9R51225	-	A9R54225	-		
		40 A	-	A9R51240	-	A9R54240	-		A9R25240
		63 A	-	A9R51263	-	A9R54263	-		A9R25263
		100 A	-	A9R21291	-	A9R24291	-		A9R25291
4P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA		
	Rating	25 A	A9R51425	-	A9R54425	-	-	8	
		40 A	-	A9R51440	A9R22440	A9R54440	A9R26440		A9R25440
		63 A	-	A9R51463	A9R22463	A9R54463	A9R26463		A9R25463
		80 A	-	A9R21480	-	A9R24480	-		A9R25480
		100 A	-	A9R21491	-	A9R24491	A9R26491		A9R25491
Voltage rating (Ue)	2P	230 - 240 V							
	4P	400 - 415 V							
Operating frequency	50/60 Hz								
Accessories	Module CA907000 and CA907001								



Country approval pictograms

IEC/EN 61008-1
IEC/EN 61008-2-1

Voltage Independent



- The iID 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 (≥ 300 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

The *SI* type provides increased immunity from electrical interference and polluted or corrosive environments.




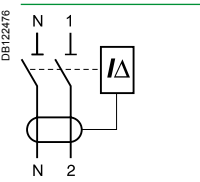


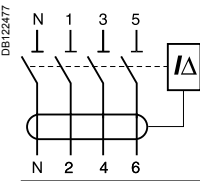
Offer selection see page 151

Offer C

This sticker must be removed before publishing

Catalogue numbers

iID residual current circuit breakers

Type	SI 						Width in 9 mm module
Auxiliaries	Module CA907002						
2P	Sensitivity	10 mA	30 mA	300 mA	300 mA 	500 mA 	
	Rating	16 A	-	-	-	-	4
		25 A	A9R30225	A9R91225	-	-	
		40 A	-	A9R91240	-	A9R35240	
		63 A	-	A9R91263	-	A9R35263	
		100 A	-	-	-	A9R35291	
4P	Sensitivity	10 mA	30 mA	300 mA	300 mA 	500 mA 	
	Rating	25 A	-	A9R91425	-	-	8
		40 A	-	A9R91440	-	A9R35440 A9R37440	
		63 A	-	A9R91463	A9R34463	A9R35463 A9R37463	
		80 A	-	A9R31480	-	A9R35480 A9R37480	
		100 A	-	A9R31491	A9R34491	A9R35491	
Voltage rating (Ue)	2P	230 - 240 V					
	4P	400 - 415 V					
Operating frequency	50/60 Hz						
Accessories	Module CA907000 and CA907001						

DB123400



Country approval pictograms

IEC/EN 61008-1
IEC/EN 61008-2-1

Voltage Independent

PB10472-40



PB10473-40



- The iID 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 (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Offer selection see page 151

Offer D

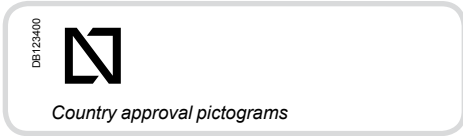
This sticker must be removed before publishing

Catalogue numbers

iID residual current circuit breakers

Type	AC								Width in 9 mm module	
Auxiliaries	Module CA907002									
2P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA	500 mA		
<p>DB12476</p>	Rating	16 A	A9R10216	-	-	-	-	-	4	
		25 A	A9R10225	A9R81225	-	A9R84225	A9R16225	-		
		40 A	-	A9R81240	A9R12240	A9R84240	A9R16240	-		
		63 A	-	A9R81263	A9R12263	A9R84263	A9R16263	A9R15263		
		80 A	-	A9R11280	A9R12280	A9R14280	-	A9R15280		
		100 A	-	A9R11291	A9R12291	A9R14291	-	A9R15291		
<p>DB12477</p>	Rating	25 A	-	A9R81425	-	A9R84425	A9R16425	-	8	
		40 A	-	A9R81440	A9R12440	A9R84440	A9R16440	A9R15440		A9R17440
		63 A	-	A9R81463	A9R12463	A9R84463	A9R16463	A9R15463		A9R17463
		80 A	-	A9R11480	A9R12480	A9R14480	A9R16480	A9R15480		A9R17480
		100 A	-	A9R11491	A9R12491	A9R14491	-	A9R15491		-
Voltage rating (Ue)	2P	230 - 240 V								
	4P	400 - 415 V								
Operating frequency	50/60 Hz									
Accessories	Module CA907000 and CA907001									

iID residual current circuit breakers (A type)



IEC/EN 61008-1
IEC/EN 61008-2-1

Voltage Independent

- The iID 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 (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Catalogue numbers

iID residual current circuit breakers			
Type	A		
Auxiliaries	Module CA907002		
2P	Sensitivity	30 mA	
	Rating	63 A	A9R08263
			4
4P	Sensitivity	30 mA	
	Rating	63 A	A9R08463
			8
Voltage rating (Ue)	2P	110 V	
	4P	230 V	
Operating frequency	50/60 Hz		
Accessories	Module CA907000 and CA907001		

Offer selection see page 151

Offer D

This sticker must be removed before publishing

iID residual current circuit breakers

Type	A						
Auxiliaries	Module CA907002						
2P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA
	Rating	16 A	A9R20216	-	-	-	-
		25 A	A9R20225	A9R21225	-	A9R24225	-
		40 A	-	A9R21240	-	A9R24240	-
		63 A	-	A9R21263	-	A9R24263	-
		100 A	-	A9R21291	-	A9R24291	-
							A9R25240
							A9R25263
							A9R25291
							4
4P	Sensitivity	10 mA	30 mA	100 mA	300 mA	500 mA	300 mA
	Rating	25 A	-	A9R21425	-	A9R24425	-
		40 A	-	A9R21440	A9R22440	A9R24440	A9R26440
		63 A	-	A9R21463	A9R22463	A9R24463	A9R26463
		80 A	-	A9R21480	-	A9R24480	-
		100 A	-	A9R21491	-	A9R24491	A9R26491
							A9R25440
							A9R25463
							A9R25480
							A9R25491
							8
Voltage rating (Ue)	2P	230 - 240 V					
	4P	400 - 415 V					
Operating frequency	50/60 Hz						
Accessories	Module CA907000 and CA907001						

DB123400



Country approval pictograms

IEC/EN 61008-1
IEC/EN 61008-2-1

Voltage Independent

PB10472-40



PB10473-40



- The iID 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 (≥ 300 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).

- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

The **SI** type provides increased immunity from electrical interference and polluted or corrosive environments.

Offer selection see page 151

Offer D

This sticker must be removed before publishing

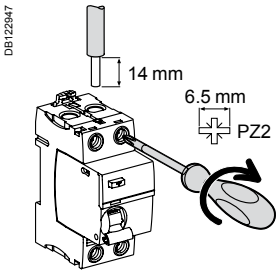
Catalogue numbers

iID residual current circuit breakers

Type	SI						Width in 9 mm module
Auxiliaries	Module CA907002						
2P	Sensitivity	10 mA	30 mA	300 mA	300 mA 	500 mA 	
	Rating	16 A	-	-	-	-	4
		25 A	A9R30225	A9R61225	-	-	
		40 A	-	A9R61240	-	A9R35240	
		63 A	-	A9R61263	-	A9R35263	
		100 A	-	-	-	A9R35291	
4P	Sensitivity	10 mA	30 mA	300 mA	300 mA 	500 mA 	
	Rating	25 A	-	A9R61425	-	-	8
		40 A	-	A9R61440	-	A9R35440	
		63 A	-	A9R61463	A9R34463	A9R35463	
		80 A	-	A9R31480	-	A9R35480	
		100 A	-	A9R31491	A9R34491	A9R35491	
Voltage rating (Ue)	2P	230 - 240 V					
	4P	400 - 415 V					
Operating frequency	50/60 Hz						
Accessories	Module CA907000 and CA907001						

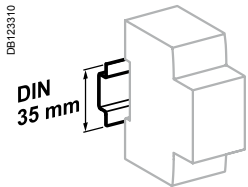
iID residual current circuit breakers (AC, A, SI types)

Connection

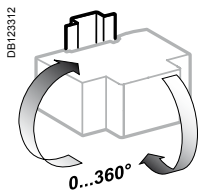


Type	Tightening torque	Without accessory		With accessories*			
		Copper cables		50 mm ²	Screw-on connection for ring terminal	Multi-cables terminal	
		Rigid	Flexible or with ferrule	Al terminal		Rigid cables	Flexible cables
iID	3.5 N.m	1 to 35 mm ²	1 to 25 mm ²	50 mm ²	∅ 5 mm	3 x 16 mm ²	3 x 10 mm ²

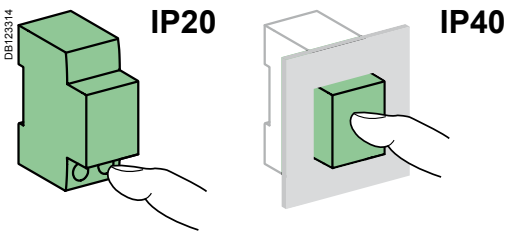
* See module CA907000



Clip on DIN rail 35 mm.



Indifferent position of installation.



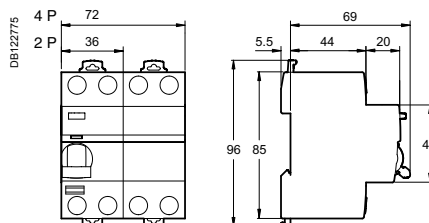
Technical data

Main characteristics			
Insulation voltage (U _i)		500 V	
Pollution degree		3	
Rated impulse withstand voltage (U _{imp})		6 kV	
According to IEC/EN 61008-1 and IEC/EN 61008-2-1			
Making and breaking capacity (I _m /Δm)		1500 A	
Surge current withstand (8/20 μs) without tripping	AC and A types (no selective)	250 Å	
	AC, A types (selective)	3 kÅ	
	SI type	3 kÅ	
Conditional rated short circuit current (I _{nc} /I _{Δc})	With iC60N/H/L	Equal to breaking capacity of iC60	
	With fuse	10,000 A	
Behaviour in case of voltage drop		Ensure residual current protection down to 0 V	
Additional characteristics			
Degree of protection	Device only	IP20	
	Device in modular enclosure	IP40	
Endurance (O-C)	Electrical (AC1)	16 to 63 A	15,000 cycles
		80 to 100 A	10,000 cycles
	Mechanical		20,000 cycles
Operating temperature	AC type		-5°C to +60°C
	A and SI types		-25°C to +60°C
Storage temperature			-40°C to +85°C

Weight (g)

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

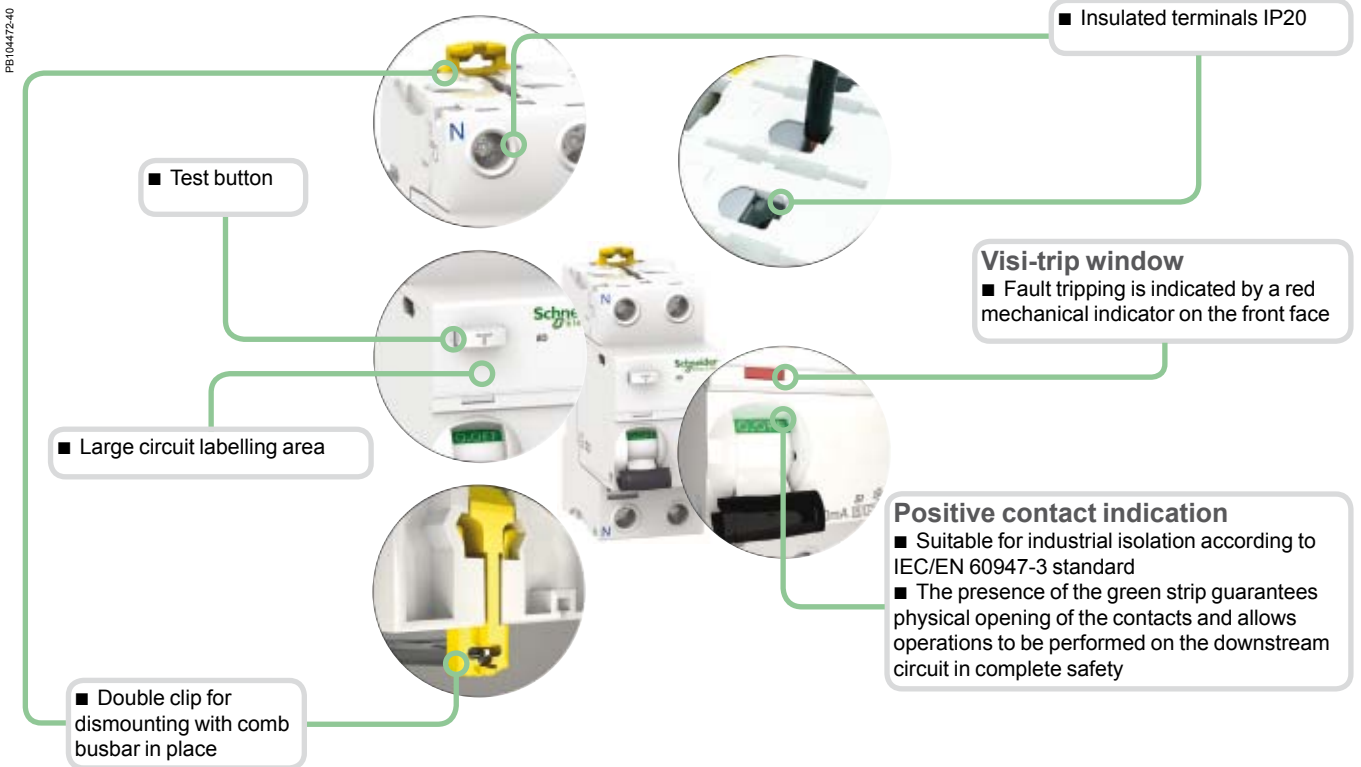
Dimensions (mm)



iLD residual current circuit breakers (AC, A, *SI* types) (cont.)



PB104548-40

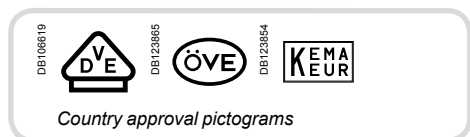


PB104472-40

SI type

The *SI* type provides increased immunity from electrical interference and polluted or corrosive environments.

iID double terminals residual current circuit breakers (AC type)



KEMA KEUR approval, only for 2P/4P 25 A to 63 A catalogue numbers.

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



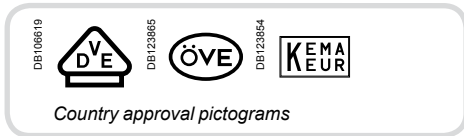
- The iID double tunnel terminals residual current circuit breakers provide:
 - protection of persons against electric shock by direct contact (≤ 30 mA),
 - protection of persons against electric shock by indirect contact (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Catalogue numbers

iID double terminals residual current circuit breakers

Type	AC									Width in 9 mm module	
Product	iID										
Auxiliaries	Can accept auxiliaries, module CA907002										
2P	Sensitivity	10 mA	30 mA	30 mA Type G	100 mA	100 mA	100 mA Type G	300 mA	300 mA		
	Rating	25 A	A9Z11225	A9Z11225	-	-	-	A9Z14225	-	4	
		40 A	-	A9Z11240	A9Z76240	A9Z12240	-	A9Z77240	A9Z14240	A9Z15240	
		63 A	-	A9Z11263	A9Z76263	A9Z12263	-	A9Z77263	A9Z14263	A9Z15263	
		80 A	-	A9Z11280	-	A9Z12280	-	-	A9Z14280	A9Z15280	
		100 A	-	A9Z11291	-	A9Z12291	-	-	A9Z14291	A9Z15291	
	Rating	25 A	-	A9Z11425	-	-	-	A9Z14425	-	8	
		40 A	-	A9Z11440	-	A9Z12440	-	-	A9Z14440	A9Z15440	
		63 A	-	A9Z11463	-	A9Z12463	-	-	A9Z14463	A9Z15463	
		80 A	-	A9Z11480	A9Z76480	A9Z12480	-	A9Z77480	A9Z14480	A9Z15480	
		100 A	-	A9Z11491	A9Z76491	A9Z12491	-	A9Z77491	A9Z14491	A9Z15491	
	Rating	40 A	-	A9Z71440	A9Z78440	A9Z72440	A9Z73440	A9Z79440	A9Z74440	A9Z75440	8
		63 A	-	A9Z71463	A9Z78463	A9Z72463	A9Z73463	A9Z79463	A9Z74463	A9Z75463	
Voltage rating (Ue)	2P	230 - 240 V									
	4P	400 - 415 V									
Operating frequency	50/60 Hz										
Accessories	Module CA907000 and CA907001										

iID double terminals residual current circuit breakers (A type)



Country approval pictograms

KEMA KEUR approval, only for 2P/4P 25 A to 63 A catalogue numbers.



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

- The iID double tunnel terminals 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 (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA or 500 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Catalogue numbers

iID double terminals residual current circuit breakers										
Type	A								Width in 9 mm module	
Product	iID									
Auxiliaries	Can accept auxiliaries, module CA907002									
2P	Sensitivity	10 mA	30 mA	100 mA	100 mA	300 mA	300 mA	500 mA		
	Rating	16 A	A9Z20216	-	-	-	-	-	4	
		25 A	A9Z20225	A9Z21225	-	-	A9Z24225	-		
		40 A	-	A9Z21240	A9Z22240	-	A9Z24240	A9Z25240		
		63 A	-	A9Z21263	A9Z22263	-	A9Z24263	A9Z25263		
		80 A	-	A9Z21280	A9Z22280	-	A9Z24280	A9Z25280		
		100 A	-	A9Z21291	A9Z22291	-	A9Z24291	A9Z25291		
	Rating	25 A	-	A9Z21425	-	-	A9Z24425	-	A9Z26425	8
		40 A	-	A9Z21440	A9Z22440	-	A9Z24440	A9Z25440	A9Z26440	
		63 A	-	A9Z21463	A9Z22463	-	A9Z24463	A9Z25463	A9Z26463	
		80 A	-	A9Z21480	A9Z22480	-	A9Z24480	A9Z25480	A9Z26480	
		100 A	-	A9Z21491	A9Z22491	-	A9Z24491	A9Z25491	A9Z26491	
	Rating	40 A	-	A9Z81440	A9Z82440	A9Z83440	-	-	-	8
		63 A	-	A9Z81463	A9Z82463	A9Z83463	-	-	-	
Voltage rating (Ue)	2P	230 - 240 V								
	4P	400 - 415 V								
Operating frequency	50/60 Hz									
Accessories	Module CA907000 and CA907001									

iID double terminals residual current circuit breakers (SI type)



KEMA KEUR approval, only for 2P/4P 25 A to 63 A catalogue numbers.



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

- The iID double tunnel terminals 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 (≥ 100 mA),
 - protection of installations against the risk of fire (300 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

The **SI** type provides increased immunity from electrical interference and polluted or corrosive environments.

Catalogue numbers

iID double terminals residual current circuit breakers								
Type	SI						Width in 9 mm module	
Product	iID							
Auxiliaries	Can accept auxiliaries, module CA907002							
2P 	Sensitivity	10 mA	30 mA	100 mA	100 mA	300 mA	4	
	Rating	25 A	A9Z30225	A9Z31225	-	-		-
		40 A	-	A9Z31240	A9Z32240	-		A9Z35240
		63 A	-	A9Z31263	A9Z32263	-		A9Z35263
		80 A	-	A9Z31280	A9Z32280	-		A9Z35280
		100 A	-	A9Z31291	A9Z32291	-		A9Z35291
4P 	Sensitivity	10 mA	30 mA	100 mA	100 mA	300 mA	8	
	Rating	25 A	-	A9Z31425	-	-		-
		40 A	-	A9Z31440	A9Z32440	-		A9Z35440
		63 A	-	A9Z31463	A9Z32463	-		A9Z35463
		80 A	-	A9Z31480	A9Z32480	-		A9Z35480
		100 A	-	A9Z31491	A9Z32491	-		A9Z35491
4P Type THV 	Sensitivity	10 mA	30 mA	100 mA	100 mA	300 mA	8	
	Rating	40 A	-	-	-	A9Z93440		A9Z95440
	63 A	-	-	-	A9Z93463	A9Z95463		
Voltage rating (Ue)	2P	230 - 240 V						
	4P	400 - 415 V						
Operating frequency	50/60 Hz							
Accessoires	Module CA907000 and CA907001							

iID double terminals residual current circuit breakers (AC, A, S/I types) (cont.)

Connection between double-terminal protection devices

With comb busbar at the back/cables at the front

Without comb busbar at the back/cables at the front

DB404815



Rating	Tightening torque	Back		Front	
		Comb busbar		Copper cables	
		Thickness of the teeth		Rigid	Flexible or with ferrule
				DB122945	DB122946
All	3.5 N.m	1.5 mm		1 to 35 mm ²	1 to 25 mm ²

Connection between double-terminal and single-terminal protection devices

Cables at the back/comb busbar at the front

DB404817

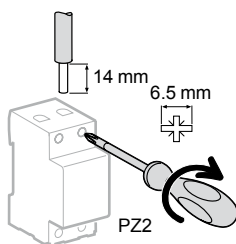


Rating	Tightening torque	Back		Front
		Copper cables		Comb busbar
		Rigid	Flexible or with ferrule	Thickness of the teeth
		DB122945	DB122946	
All	3.5 N.m	1 to 25 mm ²	1 to 16 mm ²	1.5 mm

■ Connection by comb busbar or by cable (according to EN 50027).

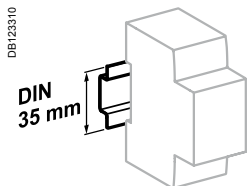
Connection

DB123947

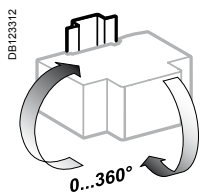


Rating	With accessories			
	50 mm ² Al terminal	Screw-on connection for ring terminal	Multi-cables terminal	
			Rigid cables	Flexible cables
	DB122935	DB118789	DB118787	
All	50 mm ²	Ø 5 mm	3 x 16 mm ²	3 x 10 mm ²

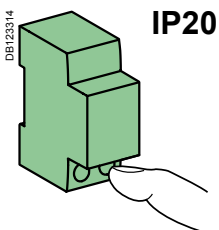
iID double terminals residual current circuit breakers (AC, A, *S*/types)



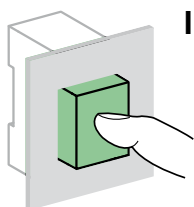
Clip on DIN rail 35 mm.



Indifferent position of installation.

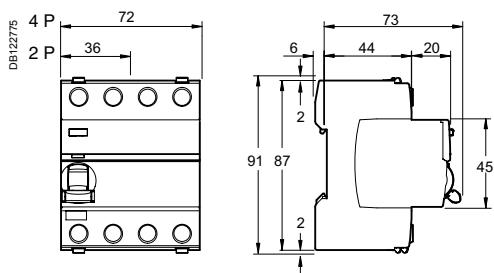


IP20



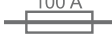



IP40

Dimensions (mm)



Technical data

Main characteristics		
Insulation voltage (U _i)		500 V
Pollution degree		3
Rated impulse withstand voltage (U _{imp})		6 kV
According to IEC/EN 61008-1 and IEC/EN 61008-2-1		
Making and breaking capacity (I _m /I _{Δm})		1500 A
Surge current withstand (8/20 μs) without tripping	AC and A types (no selective )	250 Å
	AC, A types (selective )	3 kÅ
	<i>S</i> /type	3 kÅ
Conditional rated short circuit current (I _{nc} /I _{Δc})	With iC60N/H/L	Equal to breaking capacity of iC60
	With fuse 	10,000 A
Behaviour in case of voltage drop		Ensure residual current protection down to 0 V
Additional characteristics		
Degree of protection	Device only	IP20
	Device in modular enclosure	IP40 Insulation classe II
Endurance (O-C)	Electrical (AC1) 16 to 63 A	15,000 cycles
		80 to 100 A
	Mechanical	20,000 cycles
Operating temperature	AC type	-5°C to +60°C
	A and <i>S</i> /types 	-25°C to +60°C
Storage temperature		-40°C to +85°C

Weight (g)

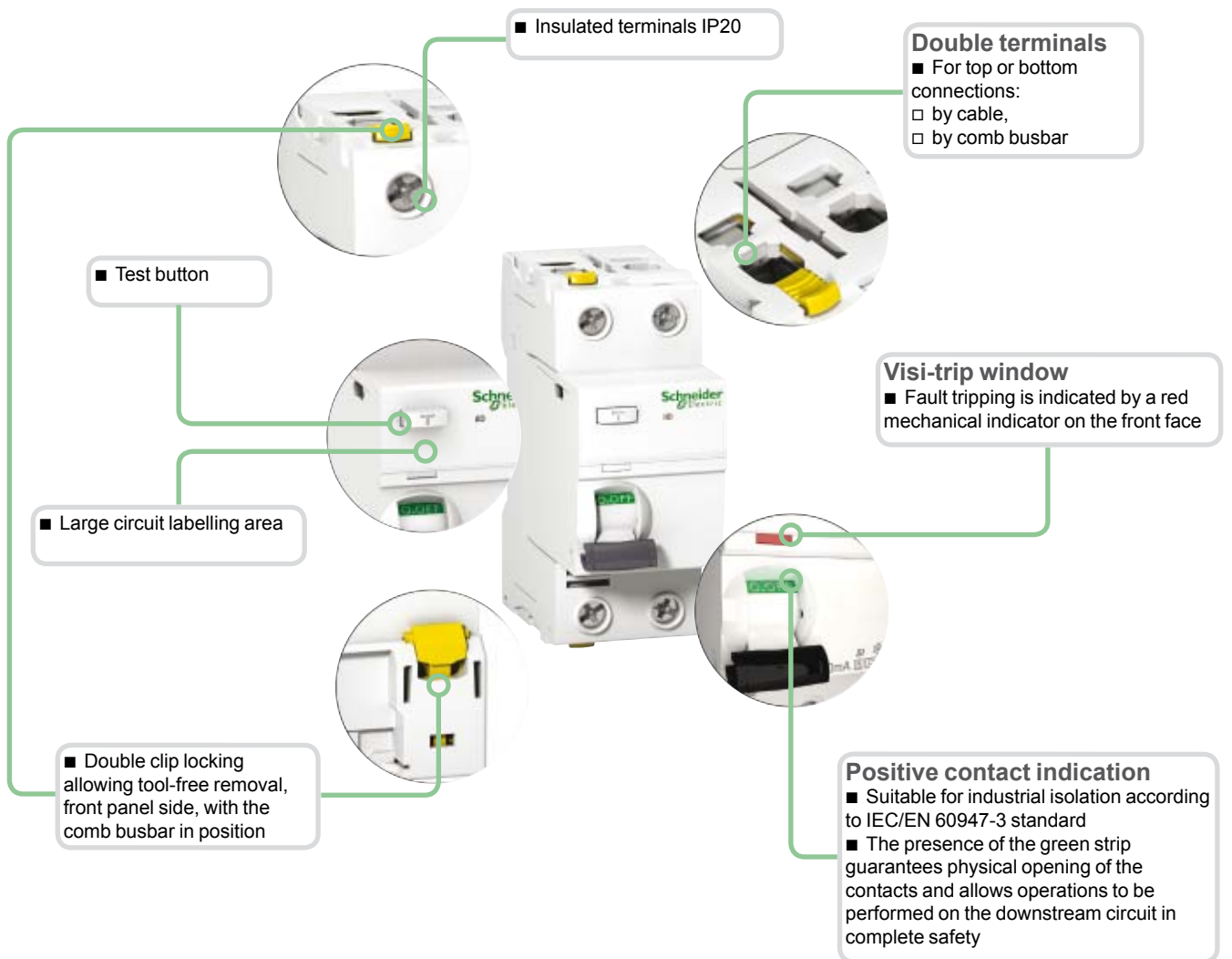
iID double terminals residual current circuit breakers	
Type	iID
2P	210
4P	370

iID double terminals residual current circuit breakers (AC, A, *SI* types) (cont.)

PB107414-40



PB107413-60



SI type

The *SI* type provides increased immunity from electrical interference and polluted or corrosive environments.



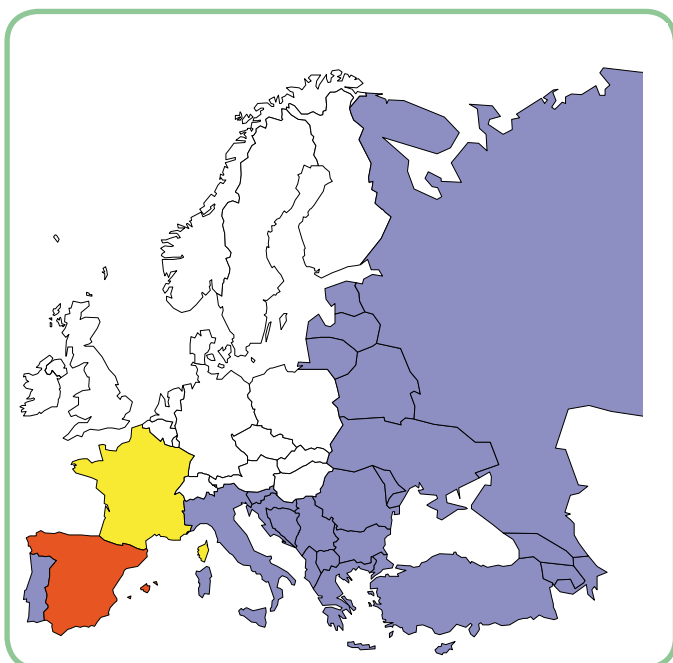
Schneider Electric's range of residual current circuit breakers consists of different products (A, B, C, D) to enable it to be the most competitive range possible in each country, allowing for the special characteristics of each market:

- 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

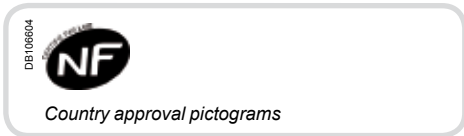
DB400490



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.

DB400491





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.



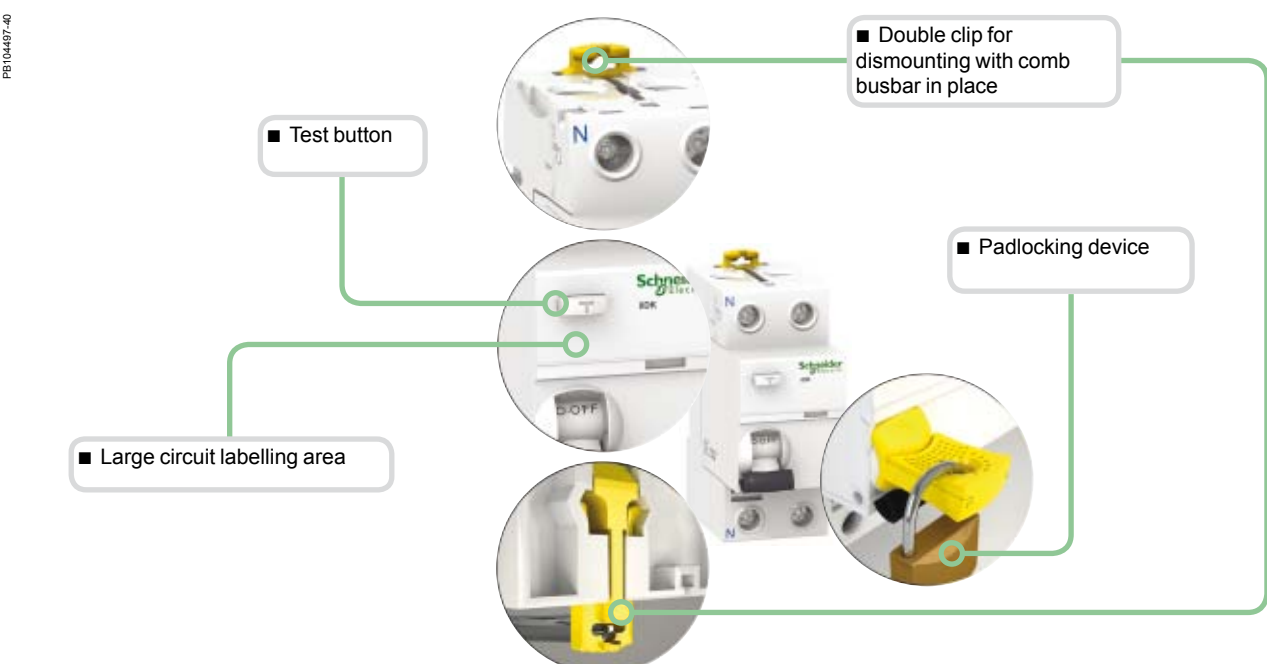
Catalogue numbers

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 DB122476 	Rating	25 A	A9R55225	A9R56225	4
		40 A	A9R55240	A9R56240	
4P DB122477 	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

This sticker must be removed before publishing





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

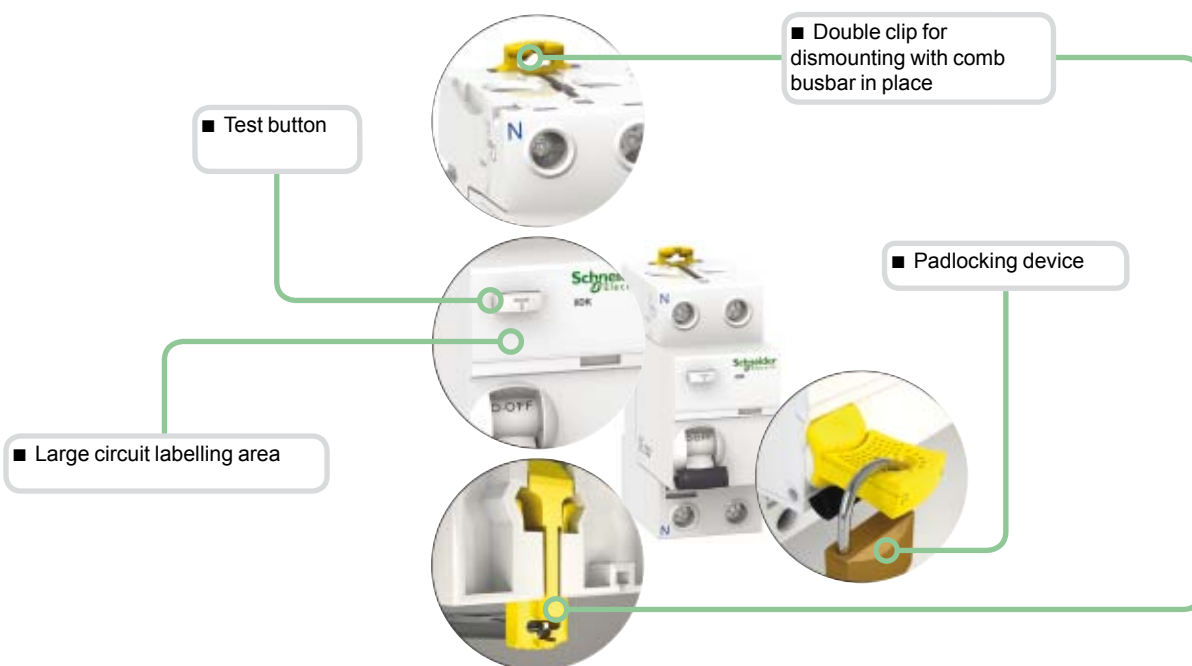
iID K residual current circuit breakers					
Type	AC			Width in 9-mm modules	
Product	iID K				
Auxiliaries	Without auxiliaries				
2P	Sensitivity	30 mA	300 mA		
	Rating	25 A	A9R50225	A9R75225	4
		40 A	A9R50240	A9R75240	
	Sensitivity	30 mA	300 mA		
	Rating	25 A	A9R50425	A9R75425	8
		40 A	A9R50440	A9R75440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

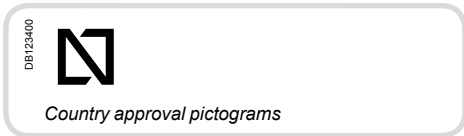
Offer selection see page 172

Offer B, C

This sticker must be removed before publishing

PB104487-40



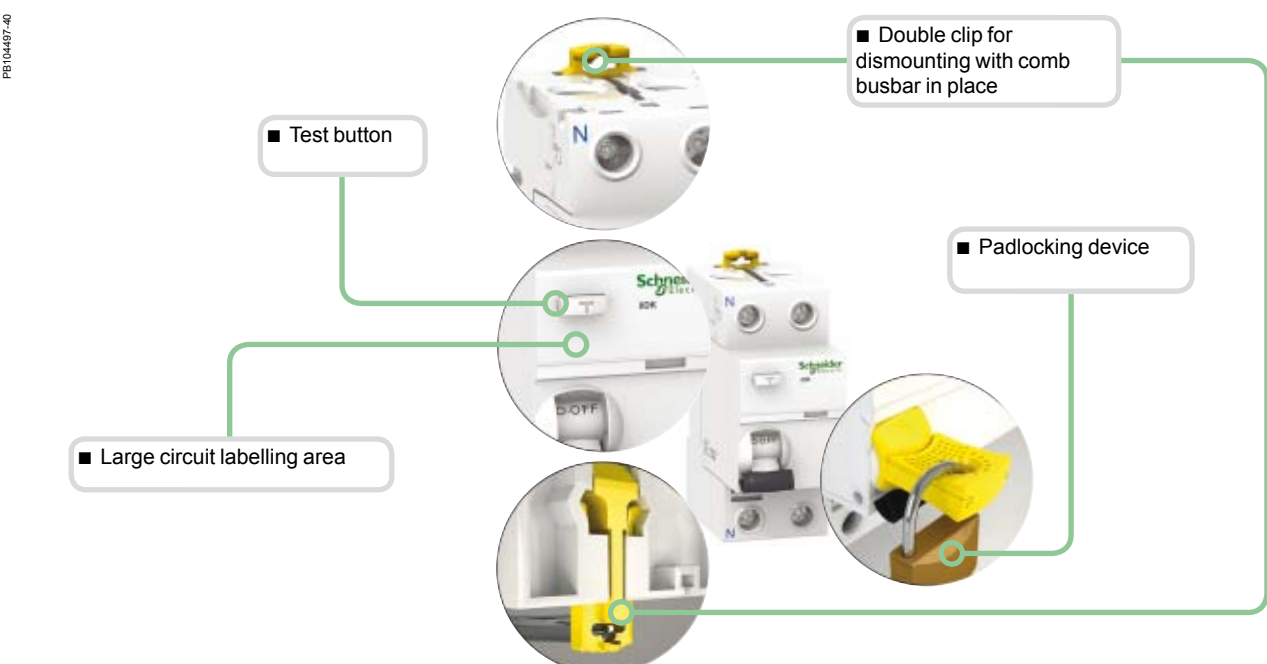


IEC/EN 61008-1
IEC/EN 61008-2-1: Voltage Independent

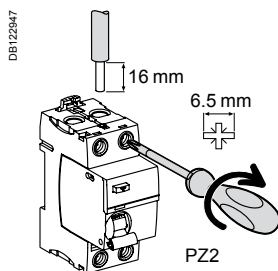
- The iID K residual current circuit breakers provide:
 - protection of persons against electric shock by direct contact (30 mA),
 - protection of persons against electric shock by indirect contact,
 - protection of installations against the risk of fire.
- Voltage Independent: electromechanical technology,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

Catalogue numbers

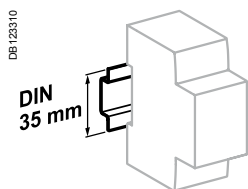
iID K residual current circuit breakers					
Type	Product	AC	Width in 9-mm modules		
Auxiliaries	iID K		Without auxiliaries		
	Sensitivity	30 mA	300 mA		
2P 	Rating	25 A	A9R60225	A9R75225	4
		40 A	A9R60240	A9R75240	
4P 	Rating	25 A	A9R50425	A9R75425	8
		40 A	A9R50440	A9R75440	
		63 A	A9R70463	A9R75463	
Voltage rating (Ue)	2P	230 - 240 V			
	4P	400 - 415 V			
Operating frequency	50/60 Hz				



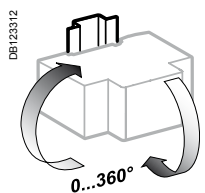
Connection



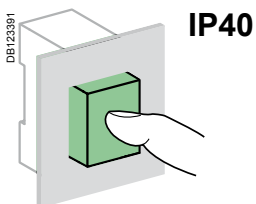
Type	Tightening torque	Copper cables	
		Rigid	Flexible or with ferrule
iID K	3.5 N.m	1 to 35 mm ²	1 to 25 mm ²



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 (U _i)	440 V
Pollution degree	2
Rated impulse withstand voltage (U _{imp})	4 kV
Making and breaking capacity (I _m /I _{Δm})	25 to 40 A 63 A
Surge current withstand (8/20 μs) without tripping	Up to 200 Å
Conditional rated short circuit current (I _{nc} /I _{Δc})	With iC60N/H/L, iK60N 6000 A
	With fuse 100 A
Behaviour in case of voltage drop	Ensure residual current protection down to 0 V

Additional characteristics

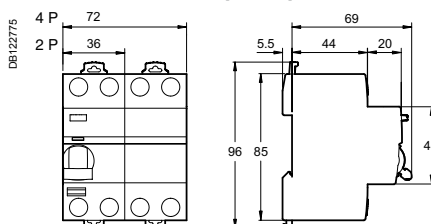
Degree of protection	Device in modular enclosure	IP40
Endurance (O-C)	Electrical	2000 cycles (AC1)
	Mechanical	5000 cycles
Operating temperature		-5°C to +60°C
Storage temperature		-40°C to +85°C

Weight (g)

Residual current circuit breakers

Type	iID K
2P	210
4P	370

Dimensions (mm)





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



- 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 (300 mA),
 - protection of installations against the risks of fire (300 mA), protection of installations against the risk of fire (300 mA or 500 mA).

- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

Catalogue numbers

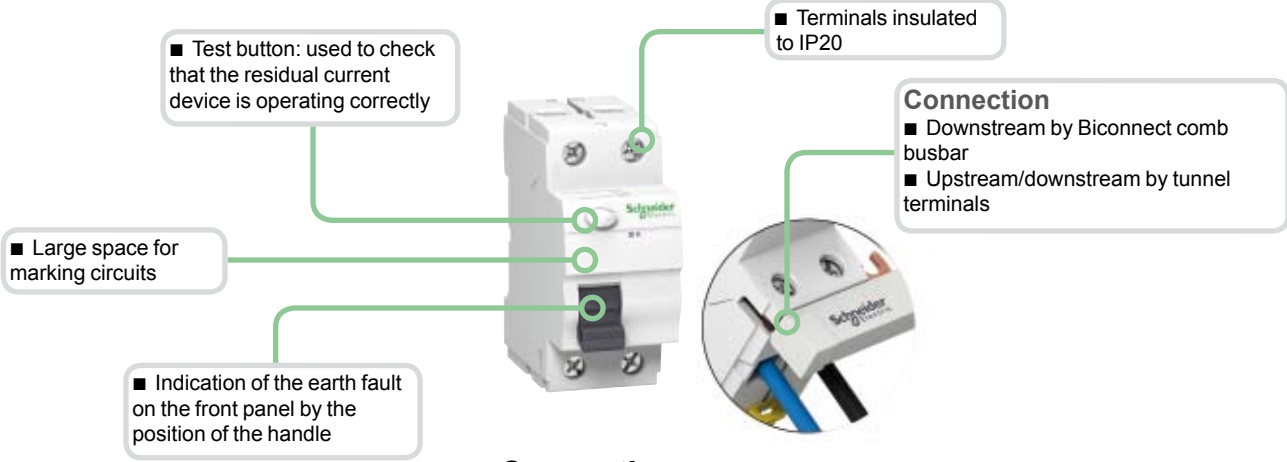
ID K Biconnect residual current circuit breakers						
Type		AC		A		Width in 9 mm modules
2P 	Sensitivity	30 mA	300 mA	30 mA	300 mA	4
	Rating	25 A A9Z05225	-	A9Z01225	-	
		40 A A9Z05240	-	A9Z01240	-	
4P 	Sensitivity	30 mA	300 mA	30 mA	300 mA	8
	Rating	25 A A9Z05425	-	A9Z01425	-	
		40 A A9Z05440	A9Z06440	A9Z01440	A9Z04440	
		63 A A9Z05463	A9Z06463	A9Z01463	A9Z04463	
Operating voltage (Ue)	2P	230 - 240 V				
	4P	400 - 415 V				
Operating frequency	50 Hz					

Catalogue numbers

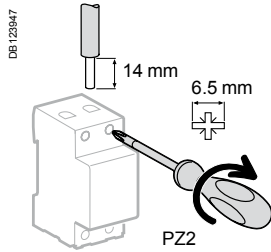
ID K Biconnect residual current circuit breakers Type G				
Type		AC	AC THV	Width in 9 mm modules
4P 	Sensitivity	30 mA Type G	30 mA Type G	8
	Rating	40 A A9Z07440	A9Z08440	
Operating voltage (Ue)	400 - 415 V			
Operating frequency	50 Hz			

ID K Biconnect residual current circuit breakers (cont.)

PE110018-40

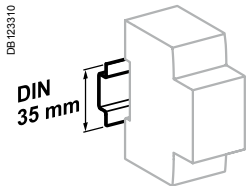


Connection

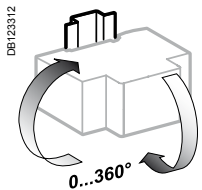


Type	Tightening torque	Copper cables	
		Rigid	Flexible or with ferrule
ID K Biconnect	3.5 N.m	1 to 35 mm ²	1 to 25 mm ²

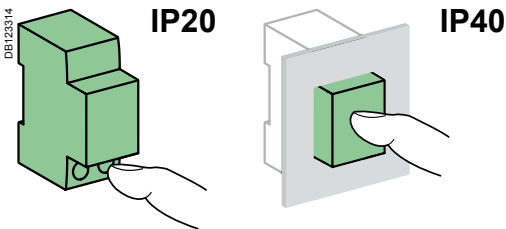
■ Connection by comb busbar or cables (conforms to EN 50027).



Clip on DIN rail 35 mm.



Indifferent position of installation.



Technical data

Main characteristics

Insulation voltage (U _i)	440 V
Degree of pollution	2
Rated impulse withstand voltage (U _{imp})	4 kV
Making and breaking capacity (I _m /I _{Δm})	500 A
Impulse current withstand (8/20 μs) without tripping	Up to 200 Å
Conditional rated short-circuit current (I _{nc} /I _{Δc})	With circuit breaker: 6000 A With fuse: 4500 A
Behaviour in case of voltage drop	Ensure residual current protection down to 0 V

Additional characteristics

Degree of protection	Device only: IP20 Device in a modular enclosure: IP40
Endurance (O-C)	Electrical: 2000 cycles (AC1) Mechanical: 5000 cycles
Operating temperature	AC type: -5°C to +40°C A type: -25°C to +40°C
Storage temperature	-30°C to +70°C

Weight (g)

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

Dimensions (mm)

