



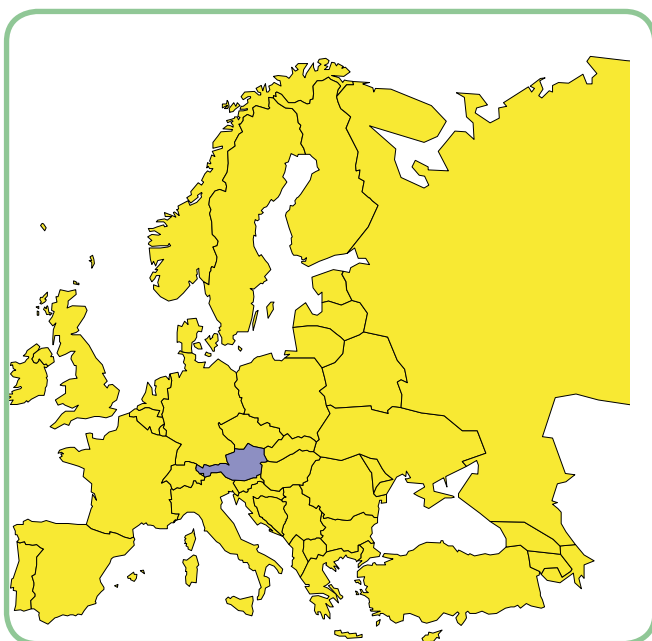
Schneider Electric's range of residual current devices consists of different products (A, B) to enable it to be the most competitive range possible in each country, allowing for the special characteristics of each market:

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

**Variants**

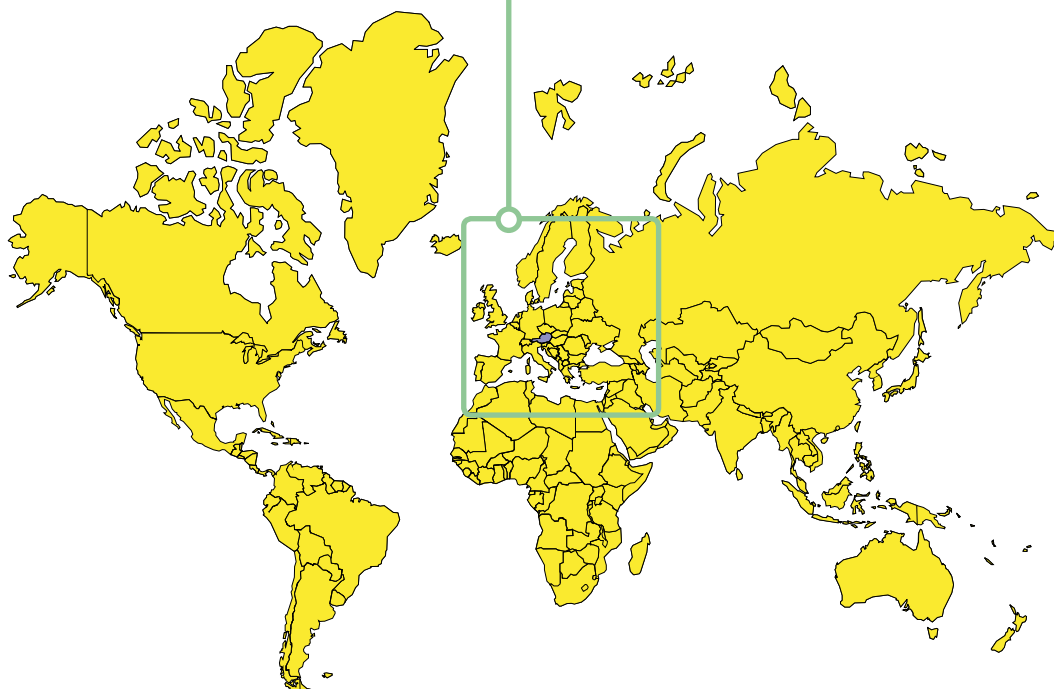
Offers		Pages
Offer A	Catalogue numbers	229
Offer B	Catalogue numbers	231
Common pages		232

DE406602



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.

DE406601





IEC/EN 61009-1  
IEC/EN 61009-2-1

## Voltage Independent



- The iDPN Vigi residual current device provide complete protection for final circuits (against overcurrents and insulation faults):
  - protection for users against electric shocks by direct contacts ( $\leq 30$  mA),
  - protection for users against electric shocks by indirect contacts (300 mA),
  - protection of the installations against fire risks (300 mA).

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

- The *SI* range has been designed to maintain a network with optimum safety and continuity of service in installations disturbed by:
  - extreme atmospheric conditions,
  - harmonic generating loads,
  - transient operating currents.

PB110002-40  
iDPN N Vigi

Offer selection see page 227


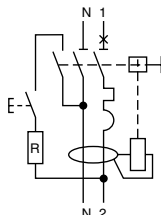
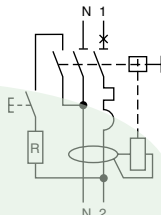
**Offer A**

This sticker must be removed before publishing

## Catalogue numbers

iDPNa Vigi 4500							
Type	AC	A			Width in 9 mm modules		
<b>Auxiliaries</b>		Module CA907000 and CA907002					
<b>1P+N Curve B</b>	<b>Sensitivity</b>	<b>30 mA</b>	<b>300 mA</b>	<b>10 mA</b>	<b>30 mA</b>		
	Rating (In)	6 A	A9D51606	-	A9D54606	4	
		10 A	A9D51610	-	A9D54610		
		13 A	-	-	-	A9D54613	
		16 A	A9D51616	-	-	A9D54616	
		20 A	A9D51620	-	-	A9D54620	
		25 A	A9D51625	-	-	A9D54625	
		32 A	A9D51632	-	-	A9D54632	
		40 A	A9D51640	-	-	A9D54640	
<b>1P+N Curve C</b>	<b>Sensitivity</b>	<b>30 mA</b>	<b>300 mA</b>	<b>10 mA</b>	<b>30 mA</b>		
	Rating (In)	6 A	A9D34606	A9D44606	A9D35606	4	
		10 A	A9D34610	A9D44610	A9D05610	A9D35610	
		13 A	-	-	-	A9D35613	
		16 A	A9D34616	A9D44616	A9D05616	A9D35616	
		20 A	A9D34620	A9D44620	-	A9D35620	
		25 A	A9D34625	A9D44625	-	A9D35625	
		32 A	A9D34632	A9D44632	-	A9D35632	
		40 A	A9D34640	A9D44640	-	A9D35640	
Voltage rating (Ue)	230 V AC						
Operating frequency	50 Hz						
<b>Accessories</b>	Module CA907000 and CA907001, comb busbars LIN001						




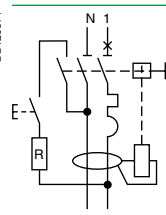
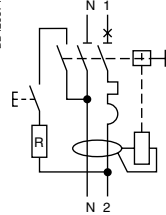
## Catalogue numbers

iDPN N Vigi 6000				
Type	A 		Width in 9 mm modules	
Auxiliaries			Module CA907000 and CA907002	
1P+N Curve B	Sensitivity 30 mA		4	
	Rating (In)	10 A		A9D06610
		16 A		A9D06616
		20 A		A9D06620
1P+N Curve C	Sensitivity 30 mA		4	
	Rating (In)	10 A		A9D01610
		16 A		A9D01616
		20 A		A9D01620
Voltage rating (Ue)		110 V AC		
Operating frequency		50 Hz		
Accessories			Module CA907000 and CA907001, comb busbars LIN001	

Offer selection see page 227



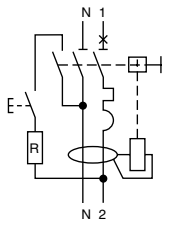
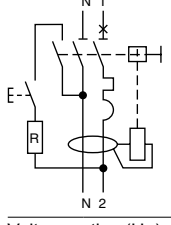
**Offer A**

This sticker must be removed before publishing

iDPN N Vigi 6000													
Type	AC 			A 						SI 			Width in 9 mm modules
Auxiliaries												Module CA907000 and CA907002	
1P+N Curve B	Sensitivity		30 mA	300 mA	10 mA	30 mA	100 mA	300 mA	30 mA	100 mA	300 mA	4	
	Rating (In)	4 A	A9D55604	A9D68604	-	A9D56604	A9D60604	A9D69604	-	-	-		
		6 A	A9D55606	A9D68606	-	A9D56606	A9D60606	A9D69606	-	-	-		
		10 A	A9D55610	A9D68610	A9D08610	A9D56610	A9D60610	A9D69610	-	-	-		
		13 A	-	-	-	A9D56613	A9D60613	A9D69613	-	-	-		
		16 A	A9D55616	A9D68616	A9D08616	A9D56616	A9D60616	A9D69616	-	-	-		
		20 A	A9D55620	A9D68620	-	A9D56620	A9D60620	A9D69620	-	-	-		
		25 A	A9D55625	A9D68625	-	A9D56625	A9D60625	A9D69625	-	-	-		
		32 A	A9D55632	A9D68632	-	A9D56632	A9D60632	A9D69632	-	-	-		
		40 A	A9D55640	A9D68640	-	A9D56640	A9D60640	A9D69640	-	-	-		
		1P+N Curve C	Sensitivity		30 mA	300 mA	10 mA	30 mA	100 mA	300 mA	30 mA	100 mA	300 mA
	Rating (In)	6 A	A9D31606	A9D41606	-	A9D32606	A9D52606	A9D42606	A9D33606	A9D53606	A9D43606		
		10 A	A9D31610	A9D41610	A9D02610	A9D32610	A9D52610	A9D42610	A9D33610	A9D53610	A9D43610		
		13 A	-	-	-	A9D32613	A9D52613	A9D42613	A9D33613	A9D53613	A9D43613		
		16 A	A9D31616	A9D41616	A9D02616	A9D32616	A9D52616	A9D42616	A9D33616	A9D53616	A9D43616		
		20 A	A9D31620	A9D41620	-	A9D32620	A9D52620	A9D42620	A9D33620	A9D53620	A9D43620		
		25 A	A9D31625	A9D41625	-	A9D32625	A9D52625	A9D42625	A9D33625	A9D53625	A9D43625		
		32 A	A9D31632	A9D41632	-	A9D32632	A9D52632	A9D42632	A9D33632	A9D53632	A9D43632		
		40 A	A9D31640	A9D41640	-	A9D32640	A9D52640	A9D42640	A9D33640	A9D53640	A9D43640		
		Voltage rating (Ue)		230 V AC									
		Operating frequency		50 Hz									
Accessories			Module CA907000 and CA907001, comb busbars LIN001										

## Catalogue numbers

### iDPN H Vigi 10000

Type		A 	SI 	Width in 9 mm modules			
<b>Auxiliaries</b>		Module CA907000 and CA907002					
1P+N	Curve B	Sensitivity	30 mA	300 mA	30 mA	300 mA	
	Rating (In)	6 A	<b>A9D07606</b>	-	-	-	4
		10 A	<b>A9D07610</b>	-	-	-	
		16 A	<b>A9D07616</b>	-	-	-	
		20 A	<b>A9D07620</b>	-	-	-	
		25 A	<b>A9D07625</b>	-	-	-	
		32 A	<b>A9D07632</b>	-	-	-	
1P+N	Curve C	Sensitivity	30 mA	300 mA	30 mA	300 mA	
	Rating (In)	6 A	<b>A9D37606</b>	<b>A9D47606</b>	<b>A9D38606</b>	<b>A9D48606</b>	4
		10 A	<b>A9D37610</b>	<b>A9D47610</b>	<b>A9D38610</b>	<b>A9D48610</b>	
		16 A	<b>A9D37616</b>	<b>A9D47616</b>	<b>A9D38616</b>	<b>A9D48616</b>	
		20 A	<b>A9D37620</b>	<b>A9D47620</b>	<b>A9D38620</b>	<b>A9D48620</b>	
		25 A	<b>A9D37625</b>	<b>A9D47625</b>	<b>A9D38625</b>	<b>A9D48625</b>	
		32 A	<b>A9D37632</b>	<b>A9D47632</b>	<b>A9D38632</b>	<b>A9D48632</b>	
Voltage rating (Ue)		230 V AC					
Operating frequency		50 Hz					
<b>Accessories</b>		Module CA907000 and CA907001, comb busbars LIN001					

Offer selection see page 227

# offer A

This sticker must be removed before publishing



iDPN N Vigi

Offer selection see page 227

# Offer B

This sticker must be removed before publishing

IEC/EN 61009-1  
IEC/EN 61009-2-1

## Voltage Independent

- The iDPN Vigi residual current device provide complete protection for final circuits (against overcurrents and insulation faults):
  - protection for users against electric shocks by direct contacts (30 mA),
  - protection for users against electric shocks by indirect contacts (100 mA),
  - protection of the installations against fire risks (100 mA).
- Voltage Independent: electromechanical technology, ensure residual current protection down to 0 V.

## Catalogue numbers

iDPN N Vigi G Type 6000					
Type		AC	A	Width in 9 mm modules	
Auxiliaries		Module CA907000 and CA907002			
1P+N	Curve C	Sensitivity		30 mA	100 mA
	Rating (In)	6 A	A9D62606	A9D72606	4
		10 A	A9D62610	A9D72610	
		13 A	A9D62613	A9D72613	
		16 A	A9D62616	A9D72616	
Voltage rating (Ue)		230 V AC			
Operating frequency		50 Hz			
Accessories		Module CA907000 and CA907001, comb busbars LIN001			

DB40596-40

■ Fast contact closure

■ Insulated terminals IP20

### Visi-trip double window

- Fault tripping circuit breaker is indicated by a red mechanical indicator on the front face.
- Earth fault is indicated by a red mechanical indicator on the front face

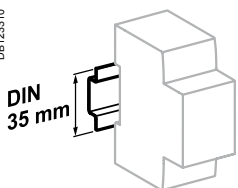


■ Test button

### Positive contact indication

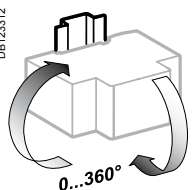
- A green strip on the toggle guarantees opening of all the poles in safety conditions (padlocking possible) for work to be carried out on live parts

DB123310



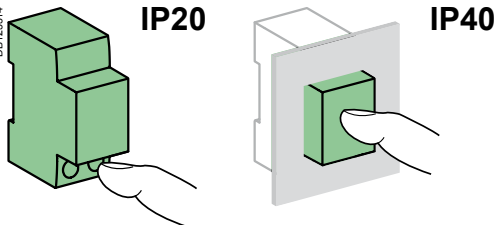
Clip on DIN rail 35 mm.

DB123312



Indifferent position of installation.

DB123314



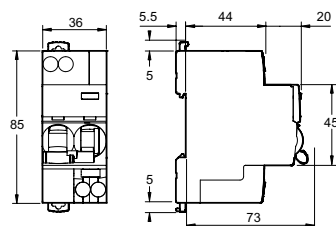
### Weight (g)

#### Residual current device

Type	iDPN Vigi
1P+N	125

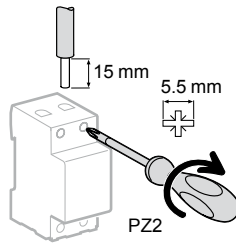
### Dimensions (mm)

DB124454



### Connection

DB123947



Rating	Tightening torque	Copper cables	
		Rigid	Flexible or with ferrule
4 to 40 A	2 N.m	DB122845 1 to 16 mm <sup>2</sup>	DB122846 1 to 10 mm <sup>2</sup>

### Technical data

Main characteristics			
Type	iDPNa Vigi	iDPN N Vigi	iDPN H Vigi
Insulation voltage (Ui)	400 V AC		
Pollution degree	3		
Rated impulse withstand voltage (Uimp)	4 kV		
Setting temperature for ratings	30°C		
Magnetic tripping	Curve B	Between 3 and 5 In	
	Curve C	Between 5 and 10 In	
According to IEC/EN 61009-1 and IEC/EN 61009-2-1			
Limitation class	3		
Rated breaking capacity (Icn)	4500 A	6000 A	10,000 A
Rated residual breaking and making capacity (IΔm)	4500 A	6000 A	10,000 A
8/20 μs impulse withstand	Type AC	250 Å	250 Å
	Type A	250 Å	250 Å
	Type S/I	-	3 kÅ
Behaviour in case of voltage drop	Ensure residual current protection down to 0 V		
Additional characteristics			
Earth leakage protection with instantaneous tripping	10, 30, 300 mA	10, 30, 100, 300 mA	30, 300 mA
Degree of protection (IEC 60529)	Device only	IP20	
	Device in modular enclosure	IP40	
Endurance (O-C)	Electrical	≤ 20 A	20,000 cycles
		≥ 25 A	10,000 cycles
	Mechanical		20,000 cycles
Overvoltage category (IEC 60364)	III		
Operating temperature	Type AC	-5°C to +60°C	
	Type A, S/I	-25°C to +60°C	
Storage temperature	-40°C to +85°C		
Tropicalization (IEC 60068-1)	Treatment 2 (relative humidity 95 % to 55°C)		