

# DPNa Vigi

30 and 300 mA instantaneous, class AC 


EN 60898 / EN 61009


4500  
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## Functions

The DPNa Vigi monobloc residual current device carries out complete protection of terminal circuits (against overcurrents and insulation faults).

- Protection of persons against indirect contact (30 or 300 mA).
- Protection of installations against fire hazards (300 mA).
- Additional protection of persons against direct contact (30 mA).

The 30 mA is selective with the ID or Vigi 300 mA  residual current devices installed upstream.

It is immune to nuisance tripping due to transient overvoltages (lightning, switchgear switching on the network, etc.) .

## Description

### Technical data

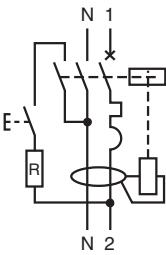
- Operational voltage: 230 V AC.
- Breaking capacity:
  - EN 60898 / EN 61009:
    - rated breaking capacity (I<sub>cn</sub>): 4.5 kA
    - rated earth leakage breaking and making capacity (phase/earth): 4.5 kA.
- Ratings: 6 to 32 A at 30 °C.
- Endurance (O-C cycles):
  - mechanical: 20000
  - electrical:
    - ≤ 20 A 20000
    - 25 A 15000
    - 32 A 10000
- Environment:
  - tropicalisation: treatment 2 (95 % relative humidity at 55 °C).
- Weight: 190 g.
- Connection: tunnel terminals for 10 mm<sup>2</sup> flexible cables or 16 mm<sup>2</sup> rigid cables (conformity with EN 50027).
- Approvals: IMQ-NP.

### C curve

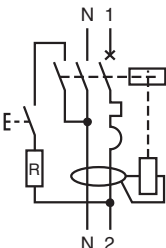
- Tripping curve: the magnetic releases operate between 5 and 10 I<sub>n</sub>.

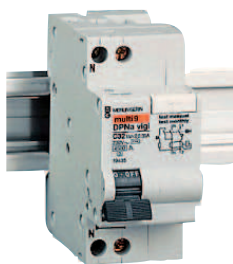
## Catalogue numbers

### DPNa Vigi C curve 30 mA

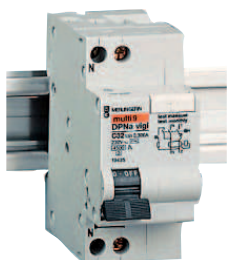
Type	Rating (A)	Sensitivity (mA)	Catalogue number	Width in mod. of 9 mm
<b>1P + N</b>				
	6	30	19401	4
	10	30	19403	4
	16	30	19405	4
	20	30	19406	4
	25	30	19407	4
	32	30	19408	4

### DPNa Vigi C curve 300 mA

Type	Rating (A)	Sensitivity (mA)	Catalogue number	Width in mod. of 9 mm
<b>1P + N</b>				
	6	300	19430	4
	10	300	19431	4
	16	300	19432	4
	20	300	19433	4
	25	300	19434	4
	32	300	19435	4



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## Additional information

Electrical auxiliaries: page 90142/2

Accessories: page 91902/2

Dimensions: page 90148/2

# DPN N Vigi

30 and 300 mA instantaneous, AC  class


EN 60898/EN 61009

6000  
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## Functions

The DPN N Vigi self-contained residual current device carries out complete protection of final circuits (overcurrents and insulation faults):

- protection of persons against indirect contact (30 or 300 mA)
- protection of installations against fire hazards (300 mA)
- additional protection of persons against direct contact (30 mA).

The 30 mA version is selective with the ID or Vigi 300 mA  selective residual current devices installed upstream.

It is immune to nuisance tripping due to transient overvoltages (lightning, switchgear switching on the network, etc.)  $\Delta$ .

## Description

### Technical data

- Voltage rating: 230 V AC.
- Breaking capacity:
  - EN 60898 / EN 61009:
    - rated breaking capacity (I<sub>cn</sub>): 6 kA
    - rated residual breaking and making capacity (phase/earth): 6 kA.
- Ratings: 4 to 40 A at 30 °C.
- Fast closing.
- Positive contact indication.
- Earth fault visualised on front face.
- Durability (O-C cycles):
  - mechanical: 20000
  - electrical:
    - ≤ 20 A 20000
    - 25 A 15000
    - 32 A 10000
    - 40 A 6000.
- Environment:
  - tropicalisation: treatment 2 (relative humidity: 95 % at 55 °C).
- Weight: 190 g.
- Connection: tunnel terminals for 10 mm<sup>2</sup> flexible or 16 mm<sup>2</sup> rigid cables (in compliance with EN 50027)
- Approvals: KEMA KEUR.

### B curve

- tripping curve: the magnetic trip units operate between 3 and 5 I<sub>n</sub>.

### C curve

- tripping curve: the magnetic trip units operate between 5 and 10 I<sub>n</sub>.

### Auxiliaries

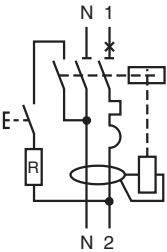
The same auxiliary functions as the C60 circuit breaker can be added to the DPN N Vigi.

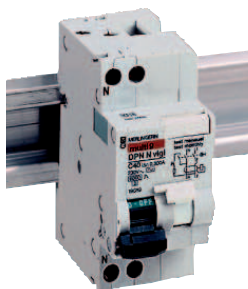
- Indication:
  - **OF**: DPN N Vigi ON-OFF position
  - **SD**: tripped position due to fault.
- Remote tripping:
  - **MX + OF**: shunt tripping
  - **MN**: undervoltage tripping.

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## Catalogue numbers

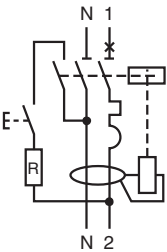
### B curve DPN N Vigi

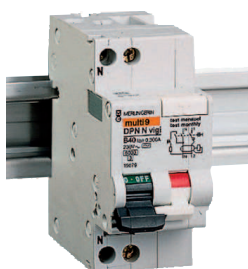
Type	Sens. (mA)	Rating (A)	Catalogue number	Width in mod. of 9mm
<b>1P + N</b>				
	30	4	19650	4
		6	19651	4
		10	19653	4
		13	19654	4
		16	19655	4
		20	19656	4
		25	19657	4
		32	19658	4
		40	19659	4
		300	4	19670
6	19671		4	
10	19673		4	
16	19675		4	
20	19676		4	
25	19677		4	
32	19678		4	
40	19679		4	



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### C curve DPN N Vigi

Type	Sens. (mA)	Rating (A)	Catalogue number	Width in mod. of 9mm	
<b>1P + N</b>					
	30	6	19661	4	
		10	19663	4	
		13	19664	4	
		16	19665	4	
		20	19666	4	
		25	19667	4	
		32	19668	4	
		40	19669	4	
		300	6	19681	4
			10	19683	4
13	19684		4		
16	19685		4		
20	19686		4		
25	19687		4		
32	19688		4		
40	19689		4		



19689

## Additional information

Auxiliaries : page 90142/2  
Dimensions : page 90148/2  
Accessories : page 91902/2