

DPNa Vigi

30 mA instantaneous, A  class


EN 60898/EN 61009

4500
3

Functions

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

- Protection of persons against indirect contact (30 mA).
- Additional protection of persons against direct contact (30 mA).
- A class DPNa Vigi are sensitive to the pulsed type DC component.

The 30 mA version is selective with the 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.) Δ .

Description

Technical data

- Voltage rating: 230 V AC.
- Breaking capacity:
 - EN 60898/EN 61009:
 - rated breaking capacity (I_{cn}): 4.5 kA
 - rated residual breaking and making capacity (phase/earth): 4.5 kA.
 - Ratings: 6 to 40 A at **30°C**.
- Durability (O-C cycle):
 - 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 mm² flexible or 16 mm² rigid cables (in compliance with EN 50027).
- Approvals.

C curve

- Tripping curve: the magnetic trip units operate between 5 and 10 I_n.

Auxiliaries

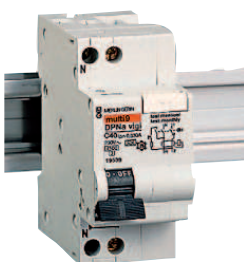
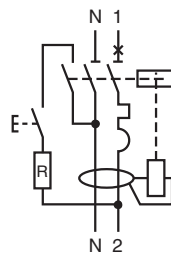
The same auxiliary functions as the C60 circuit-breaker can be added to the DPNa Vigi.

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

Catalogue numbers

C curve DPNa Vigi

Type	Rating (A)	Sensitivity (mA)	Catalogue number	Width in mod. of 9 mm
1P + N				
	6	30	19531	4
	10	30	19532	4
	16	30	19534	4
	20	30	19535	4
	25	30	19536	4
	32	30	19537	4
	40	30	19538	4



19538

Additional information

Electrical auxiliaries: page 90142/2

Accessories: page 91902/2

Dimensions: page 90148/2