

## DPN N Vigi 30 mA instantaneous, AC ~ class EN 60898/EN 61009 6000 3



### Functions

The DPN N Vigi self-contained RCBO 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 3 selective residual current devices installed upstream.

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

### 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

#### C curve

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

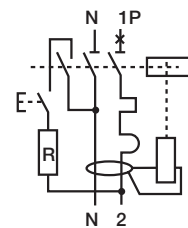
### Auxiliaries

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

Type	Width in 18mm SP ways	Sens. (mA)	Rat. (A)	Part number
N + 1P	2	30	6	<b>19661</b>
			10	<b>19663</b>
			16	<b>19665</b>
			20	<b>19666</b>
			25	<b>19667</b>
			32	<b>19668</b>
			40	<b>19669</b>



1 protected pole + switched neutral