

Residual Current Circuit Breakers with Overload Protection, DPN N Vigi

Functions: DPN N Vigi self-contained RCBO carries out complete protection of final circuits with overcurrents and insulation faults.

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

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

It is immune to nuisance tripping due to transient overvoltages of lighting, switchgear switching on the network etc.

Technical Data

Voltage Rating, Ue	230VAC	Mechanical	20,000
Operating Frequency	50/60Hz	Durability, O-C Cycles	≤20A 20,000
Rated Breaking Capacity, Icn	6000A	Electrical	-25A 15,000
Rated Residual Breaking and Making Capacity	6000A		-32A 10,000
Ratings	4 to 40A at 30°C		-40A 6,000
Tropicalisation	Treatment 2	Weight	190g

Auxiliaries


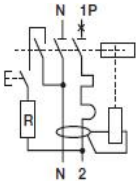

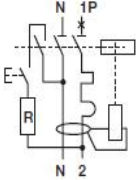
The same auxiliary functions as C60N circuit breakers can be added to DPN N Vigi as the following

Indication	OF: DPN N Vigi On-Off position SD: Tripped position due to fault	Remote Trip	MX + OF: Shunt tripping MN: Undervoltage tripping
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C Curve

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

Selection Table

	Type	Width in 9-mm Modules	Sensitivity, mA	Rated Current, I _n	Part Number
		4	30mA	6	19661
				10	19663
				16	19665
				20	19666
				25	19667
				32	19668
				40	19669
		4	30mA	6	M9D11606
				10	M9D11610
				16	M9D11616
				20	M9D11620
				25	M9D11625
				32	M9D11632
				40	M9D11640