

Residual current devices iDPN Vigi (cont.)

DB405958-40

■ 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

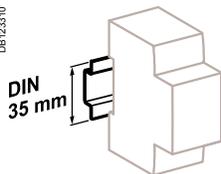


■ Test button

Positive contact indication

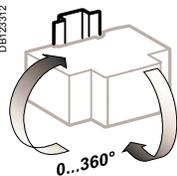
- A green strip on the toggle guarantees opening of all the poles in safety conditions (padlocking possible) for work to be carried out on live parts

DB12310



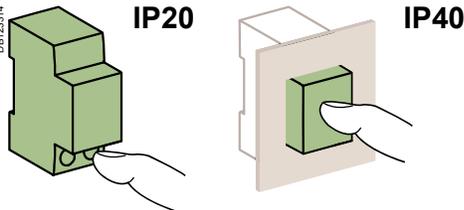
Clip on DIN rail 35 mm.

DB12312



Indifferent position of installation.

DB12314



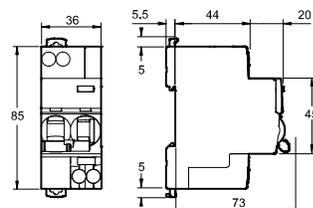
Weight (g)

Residual current device

Type	iDPN Vigi
1P+N	125

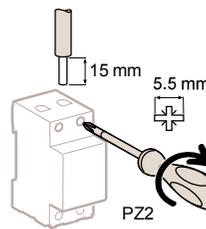
Dimensions (mm)

DB12464



Connection

DB12397



Rating	Tightening torque	Copper cables	
		Rigid	Flexible or with ferrule
4 to 40 A	2 N.m	1 to 16 mm ²	1 to 10 mm ²

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			
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 A-SI	-	3 kÅ
Behaviour in case of voltage drop	Residual current protection down to 0 V according to IEC/EN 61009-1 § 3.3.8		
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, A-SI	-25°C to +60°C	
Storage temperature	-40°C to +85°C		
Tropicalization (IEC 60068-1)	Treatment 2 (relative humidity 95 % to 55°C)		