

MINIATURE CIRCUIT BREAKERS (MCB) DP1N (1P+E)

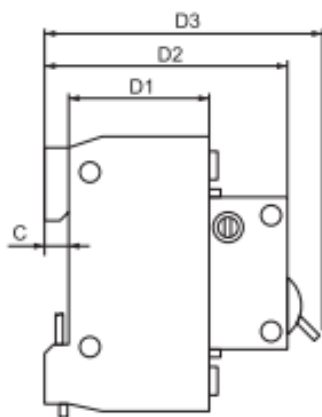


Functions:

- protection of the electrical circuits from overload or short circuits of the outer circuit
- it can be used as a device for commutation and control of electrical circuits
- it breaks simultaneously the lead and the neutral conductor as the heat protection is only at the lead conductor

Technical data:	
Rated voltage:	230V; 50/60Hz
Breaking capacity (cycle O-CO) in accordance with standard EN 60 898-1:	4500A
Rated breaking capacity:	Ics= 50% Icu
Isolating voltage:	≥2000V
Electrical wear resistance (number of cycles):	4000
Mechanical (number of cycles):	4000
Class of current limiting:	3
IP code:	IP>20
Tripping curve:	C- the maximum current release breaks between 5 and 10In; used to protect main power supply
Cables and conventional consumers	
Connecting:	Joining terminal: flat (tunnel) screw terminal
	Power supply (conducting): <ul style="list-style-type: none"> - power supply busbar DP1N - flexible or rigid conductor - Mounting: on DIN-rail

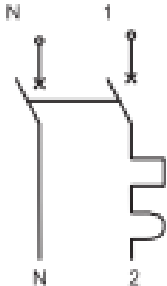
Dimensions:



**Dimensions
(mm)**

C	D1	D2	D3
5	40	65	72

Schemes:



Basic data:

- **MCB DP1N**

Type	Rated current In(A)	Breaking capacity (kA)	Recommended sections of the conductor (g/mm ²)	Packing/ Box (pcs)	Catalog number Curve C
DP1N / 6A	6	4.5	1.0	12 / 240	41006
DP1N / 10A	10	4.5	1.5	12 / 240	41010
DP1N / 16A	16	4.5	2.5	12 / 240	41016
DP1N / 20A	20	4.5	2.5	12 / 240	41020
DP1N / 25A	25	4.5	4.0	12 / 240	41025
DP1N / 32A	32	4.5	6.0	12 / 240	41032

Standards:

- EN 60898-1
- EN 60947-2:

