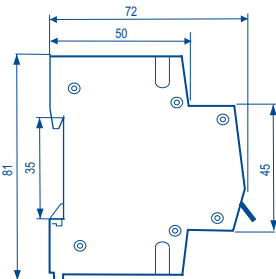




A1

**Functions:**

- protection of the electrical circuits from overload or short circuit 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: 4500 A
- * Rated breaking capacity Ics = 50% Icu
- * Insulating voltage: 2000V
- * IP code: IP>20
- * Breaking curve: C – the maximum current release breaks between 5 and 10 In; used to protect main power supply cables and conventional consumers

Connecting:

- * Joining terminal: flat (tunnel) screw terminal
- * Power supply (conducting):
 - power supply busbar DP1N
 - flexible or rigid conductor
- * Mounting: on DIN-rail

Circuit breakers DP1N (1P+N) - SIGMA design

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