

EL[®]MARK

The Brand of Electricity

NEW MINIATURE CIRCUIT BREAKERS (MCB) DP1N



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 $I_{cs} = 50\% I_{cu}$
- Insulating voltage: $\geq 2000V$
- Tripping curve: C – the maximum current release breaks between 5 and 10 I_n ; used to protect main power supply
- Cables and conventional consumers

Connecting:

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

TECHNICAL SPECIFICATION

AUTOMATION

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Variants:

Type	Rated current I_n (A)	Breaking capacity (kA)	Recommended conductor (mm ²)	Catalogue number Curve C NEW
DP1N / 6	6	4.5	1.0	41006C
DP1N / 10	10	4.5	1.5	41010C
DP1N / 16	20	4.5	2.5	41016C
DP1N / 20	20	4.5	2.5	41020C
DP1N / 25	25	4.5	4.0	41025C
DP1N / 32	32	4.50	6.0	41032C

Schemes:



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Additional information:

Catalogue number Curve B	Barcodes	Packing/Box (pcs)
41006C	3800131240361	12/240
41010C	3800131240378	12/240
41016C	3800131240385	12/240
41020C	3800131240392	12/240
41025C	3800131240408	12/240
41032C	3800131240415	12/240

