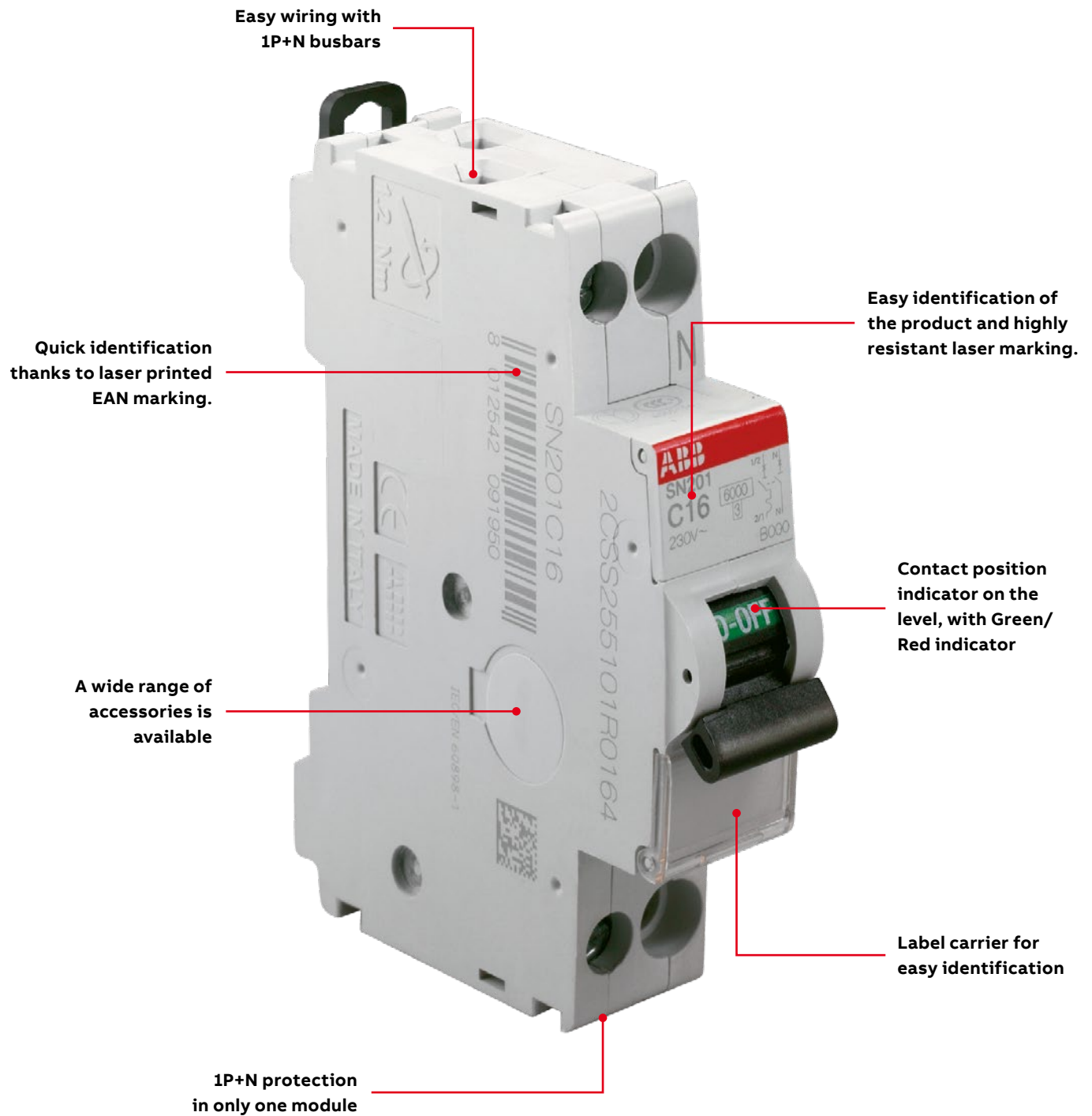


MCB SN 201. The details make the difference

A range designed to ensure efficiency and protection





Space for insulated screwdrivers: the larger neutral hole allows the use of an insulated screwdriver to tighten the screws of both wire terminals, ensuring maximum safety of the operation.



Two bistable fixing devices for maximum ease of use: due to larger size of the DIN rail fixing system, made with 2 bistable fixing devices, the same screwdriver used for tightening the terminals can also be used for assembling and disassembling the device.



With the practical label carrier fitted in the SN201 circuit-breakers you can give maximum visibility to the information relating to the protected loads.



The SN201 fully integrates with the range of System pro M compact® miniature circuit-breakers, sharing the wide selection of accessories available through a dedicated interface (half module), which also can be used as auxiliary contact.

Miniature circuit-breakers

SN 201 series - 1P+N in one module housing



SN 201

General Data	Standards		
	Poles		
	Tripping characteristics		
	Rated current I_n	A	
	Rated frequency f	Hz	
	Rated insulation voltage U_i acc. to DIN EN 60664-1	V	
	Overvoltage category		
	Pollution degree		
	Data acc. to IEC/EN 60898-1	Rated operational voltage U_n	V
		Max. power frequency recovery voltage (U_{max})	V
Min. operating voltage		V	
Rated short-circuit capacity I_{cn}		kA	
Rated making and breaking capacity of one individual pole I_{cn1}		kA	
Energy limiting class (B, C up to 40A)			
Rated impulse withstand voltage U_{imp} (1.2/50 μ s)		kV	
Dielectric test voltage		kV	
Reference temperature for tripping characteristics		°C	
Electrical endurance		operations	
Data acc. to IEC/EN 60947-2		Rated ultimate short-circuit breaking capacity I_{cu}	kA
	Rated service short-circuit breaking capacity I_{cs}	kA	
Mechanical Data	Housing		
	Toggle		
	Contact position indication		
	Protection degree acc. to EN 60529		
	Mechanical endurance	operations	
	Shock resistance acc. to IEC/EN 60068-2-27		
	Vibration resistance acc. to IEC/EN 60068-2-6		
	Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30	°C/RH	
	Ambient temperature (with daily average $\leq +35^\circ\text{C}$)	°C	
	Storage temperature	°C	
	Installation	Cross-section of conductors (top/bottom) Stranded / Solid	mm ²
Cross-section of conductors (top/bottom) Flexible		mm ²	
Tightening Torque		Nm	
Mounting			
Mounting Position			
Dimensions and weight	Supply		
	Pole dimensions (H x D x W)	mm	
	Pole weight	g	
Combination with aux. elements	Auxiliary contact		
	Signal contact/auxiliary switch		
	Shunt trip		
	Undervoltage release		

¹ SN201 and SN201M series in B and D characteristic are available for rated current $I_n \geq 6$ A

Miniature circuit-breakers

SN 201 series - 1P+N in one module housing

SN 201 L	SN 201	SN 201 M
IEC/EN 60898		
1P + N		
B, C	B, C, D	B, C
2...40 A *1		
50 / 60 Hz		
500 V AC		
III		
2		
230 V AC		
254 V AC 1P: 60 V DC 1P+N: 125 V DC		
12 V AC - 12 V DC		
4.5 kA	6 kA	10 kA
4.5 kA	6 kA	6 kA
3		
4 kV (test voltage 6,2kV at sea level, 5kV at 2000m)		
2.5 kV (50 / 60Hz, 1 min.)		
30°C		
10.000 operations		
6 kA	10 kA	10 kA
4.5 kA	6 kA	7.5 kA
Insulation group II, RAL 7035		
Insulation group IIIA, black, sealable in ON/OFF positions		
Marking on toggle (I ON / 0 OFF)		
Housing: IP4X; Terminals: IP2X		
20.000 operations		
30 g - 2 shocks - 13 ms		
0.35mm or 5g - 20 cycles at 5...150...5 Hz without load		
28 cycles with 55°C/90-96% and 25°C/95-100%		
-25 ... +55°C		
-40 ... +70°C		
16 mm ² / 16 mm ²		
10 mm ² / 10 mm ²		
1.2 Nm		
On DIN rail 35 mm acc. to EN 60715 by fast clip		
any		
optional (supply from top/bottom)		
85 x 68.9 x 17.6 mm		
ca. 110 g		
Yes		
Yes		
Yes (with coupling interface)		
Yes (with coupling interface)		

MCBs

SN 201 L series B and C characteristic

SN 201 L - B characteristic

Function: overload and short-circuit protection of circuits in final distribution; protection of long cable lengths in TN and IT systems.

Applications: residential.

Standard: IEC/EN 60898

Icn: 4.5 kA



SN 201 L

Number of poles	Rated current In A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
			Type code	Order code			
1+N	2	087366	SN201LB2	2CSS245101R0025		0.110	6
	4	087465	SN201LB4	2CSS245101R0045		0.110	6
	6	087564	SN201LB6	2CSS245101R0065		0.110	6
	10	087663	SN201LB10	2CSS245101R0105		0.110	6
	16	087762	SN201LB16	2CSS245101R0165		0.110	6
	20	087861	SN201LB20	2CSS245101R0205		0.110	6
	25	087960	SN201LB25	2CSS245101R0255		0.110	6
	32	088066	SN201LB32	2CSS245101R0325		0.110	6
	40	088165	SN201LB40	2CSS245101R0405		0.110	6

SN 201 L - C characteristic

Function: overload and short-circuit protection of circuits in final distribution; protection of resistive and inductive loads with low inrush current.

Applications: residential.

Standard: IEC/EN 60898

Icn: 4.5 kA

Number of poles	Rated current In A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
			Type code	Order code			
1+N	2	088264	SN201LC2	2CSS245101R0024		0.110	6
	4	088363	SN201LC4	2CSS245101R0044		0.110	6
	6	088462	SN201LC6	2CSS245101R0064		0.110	6
	10	088561	SN201LC10	2CSS245101R0104		0.110	6
	16	088660	SN201LC16	2CSS245101R0164		0.110	6
	20	088769	SN201LC20	2CSS245101R0204		0.110	6
	25	088868	SN201LC25	2CSS245101R0254		0.110	6
	32	088967	SN201LC32	2CSS245101R0324		0.110	6
	40	089063	SN201LC40	2CSS245101R0404		0.110	6