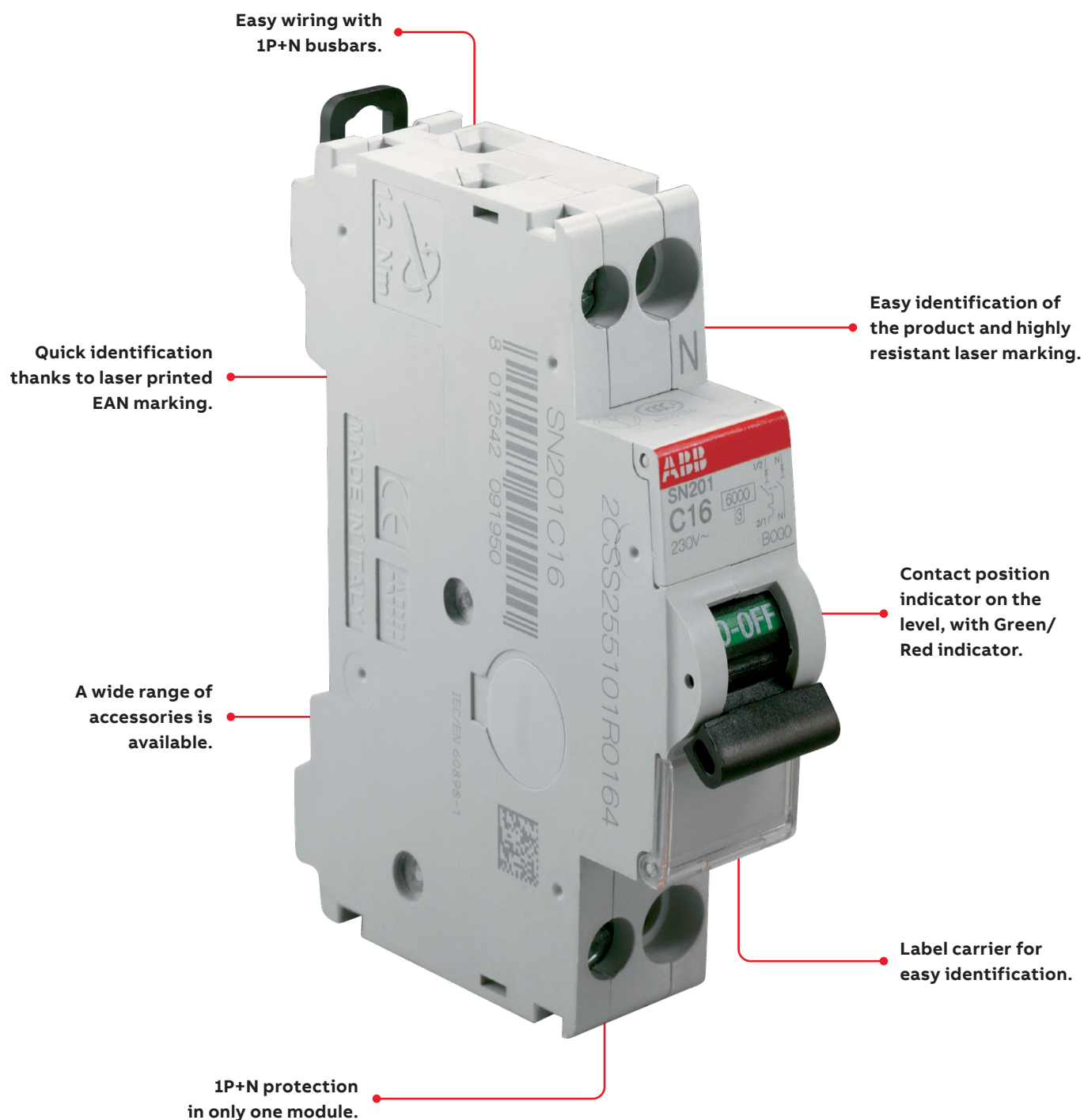


A range designed to ensure efficiency and protection

A range designed to ensure efficiency and protection

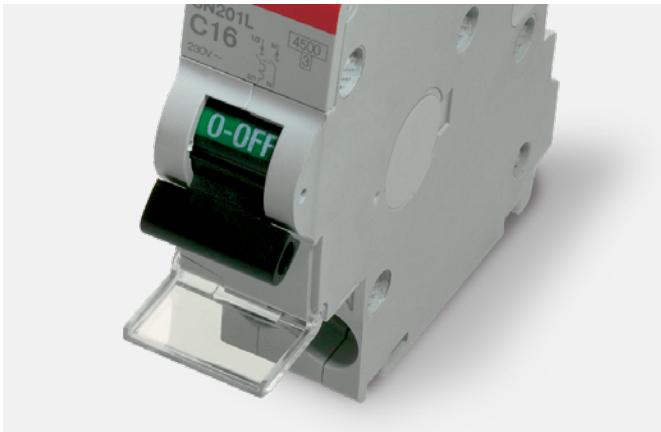




Space for insulated screwdrivers: the larger neutral hole allows the use of an insulated screwdriver to tighten the screws of both wire terminals, ensuring maximum safety of the operation.



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	
	Number of poles	
	Tripping characteristics	
	Rated current I_n	A
	Rated frequency f	Hz
	Rated insulation voltage U_i acc. to IEC/EN 60664-1	V
	Overvoltage category	
	Pollution degree	
Data acc. to IEC/EN 60898-1	Rated operational voltage U_e	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 characteristics)	
	Grid distance	mm
	Rated impulse withstand voltage U_{imp} (1.2/50μs)	kV
	Dielectric test voltage (at ind. freq. for 1 min.)	kV
	Reference temperature for tripping characteristics	°C
	Electrical endurance	cycles (OFF-ON-OFF)
Data acc. to IEC/EN 60947-2 (Only referring to internal short circuit test)	Rated ultimate short-circuit breaking capacity I_{cu}	kA
	Rated service short-circuit breaking capacity I_{cs}	kA
Mechanical Data	Housing type	
	Toggle type	
	Contact position indication	
	Protection degree acc. to EN 60529	
	Mechanical endurance	cycles (OFF-ON-OFF)
	Resistance to Shock acc. to IEC 60068-2-27	
	Resistance to Vibrations acc. to IEC 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	Terminal type (top/bottom)	
	Cross-section of conductors (top/bottom) Stranded / Solid	mm ²
	Cross-section of conductors (top/bottom) Flexible	mm ²
	Wire Stripping Length	mm
	Tightening torque	Nm
	Screwdriver	
	Mounting type	
	Mounting Position	
	Supply from	
Dimensions and weight	Pole dimensions (H x D x W)	mm
	Pole weight	g
Combination with aux. elements	Auxiliary contact	
	Auxiliary/Signal contact	
	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 60898-1		
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		
12 V AC		
4.5 kA	6 kA	10 kA
4.5 kA	6 kA	6 kA
3		
35		
4 kV (test voltage 6,2kV at sea level, 5kV at 2000m)		
2 kV (50 / 60Hz)		
30°C		
10.000		
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		
20000		
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		
Fail-safe cage terminal		
16 mm ² / 16 mm ²		
10 mm ² / 10 mm ²		
11 mm		
1.2 Nm		
No. 2 Pozidrive		
On DIN rail 35 mm acc. to EN 60715 by fast clip		
any		
Top/Bottom terminals		
85 x 68.9 x 17.6 mm		
115		
Yes		
Yes		
Yes (with coupling interface)		
Yes (with coupling interface)		

MCBs

SN 201 L series B and C characteristic



SN 201 L

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 60898-1

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	087359	SN201LB2	2CSS245101R0025		0.110	6
	4	087458	SN201LB4	2CSS245101R0045		0.110	6
	6	087557	SN201LB6	2CSS245101R0065		0.110	6
	10	087656	SN201LB10	2CSS245101R0105		0.110	6
	16	087755	SN201LB16	2CSS245101R0165		0.110	6
	20	087854	SN201LB20	2CSS245101R0205		0.110	6
	25	087953	SN201LB25	2CSS245101R0255		0.110	6
	32	088059	SN201LB32	2CSS245101R0325		0.110	6
	40	088158	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 60898-1

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	088257	SN201LC2	2CSS245101R0024		0.110	6
	4	088356	SN201LC4	2CSS245101R0044		0.110	6
	6	088455	SN201LC6	2CSS245101R0064		0.110	6
	10	088554	SN201LC10	2CSS245101R0104		0.110	6
	16	088653	SN201LC16	2CSS245101R0164		0.110	6
	20	088752	SN201LC20	2CSS245101R0204		0.110	6
	25	088851	SN201LC25	2CSS245101R0254		0.110	6
	32	088950	SN201LC32	2CSS245101R0324		0.110	6
	40	089056	SN201LC40	2CSS245101R0404		0.110	6

MCBs

SN 201 series B and C characteristic



SN 201

SN 201 - B characteristic

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

Applications: residential and commercial.

Standard: IEC/EN 60898-1

Icn: 6 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	6	090755	SN201B6	2CSS255101R0065		0.110	6
	10	090854	SN201B10	2CSS255101R0105		0.110	6
	13	743514	SN201B13	2CSS255101R0135		0.110	6
	16	090953	SN201B16	2CSS255101R0165		0.110	6
	20	091059	SN201B20	2CSS255101R0205		0.110	6
	25	091158	SN201B25	2CSS255101R0255		0.110	6
	32	091257	SN201B32	2CSS255101R0325		0.110	6
	40	091356	SN201B40	2CSS255101R0405		0.110	6

SN 201 - 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 and commercial.

Standard: IEC/EN 60898-1

Icn: 6 kA



SN 201

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	091462	SN201C2	2CSS255101R0024		0.110	6
	3	130260	SN201C3	2CSS255101R0034		0.110	6
	4	091561	SN201C4	2CSS255101R0044		0.110	6
	6	091660	SN201C6	2CSS255101R0064		0.110	6
	10	091769	SN201C10	2CSS255101R0104		0.110	6
	13	091868	SN201C13	2CSS255101R0134		0.110	6
	16	091967	SN201C16	2CSS255101R0164		0.110	6
	20	092063	SN201C20	2CSS255101R0204		0.110	6
	25	092162	SN201C25	2CSS255101R0254		0.110	6
	32	092261	SN201C32	2CSS255101R0324		0.110	6
	40	092360	SN201C40	2CSS255101R0404		0.110	6



MCBs

SN 201 series D characteristic



SN 201

SN 201 - D characteristic
Function: protection and control of the circuits against overloads and short-circuits in final distribution; protection for circuits which supply loads with high inrush current at the circuit closing.
Applications: residential and commercial.
Standard: IEC/EN 60898-1
Icn: 6 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	6	092452	SN201D6	2CSS255101R0061		0.110	6
	10	092551	SN201D10	2CSS255101R0101		0.110	6
	16	092650	SN201D16	2CSS255101R0161		0.110	6
	20	092759	SN201D20	2CSS255101R0201		0.110	6
	25	092858	SN201D25	2CSS255101R0251		0.110	6
	32	092957	SN201D32	2CSS255101R0321		0.110	6
	40	093053	SN201D40	2CSS255101R0401		0.110	6

MCBs

SN 201 M series B and C characteristic



SN 201 M

SN 201 M - B characteristic

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

Applications: residential and commercial.

Standard: IEC/EN 60898-1

Icn: 10 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	6	093152	SN201MB6	2CSS275101R0065		0.110	6
	10	093251	SN201MB10	2CSS275101R0105		0.110	6
	16	093350	SN201MB16	2CSS275101R0165		0.110	6
	20	093459	SN201MB20	2CSS275101R0205		0.110	6
	25	093558	SN201MB25	2CSS275101R0255		0.110	6
	32	093657	SN201MB32	2CSS275101R0325		0.110	6
	40	093756	SN201MB40	2CSS275101R0405		0.110	6

SN 201 M - 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 and commercial.

Standard: IEC/EN 60898-1

Icn: 10 kA



SN 201 M

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	093855	SN201MC2	2CSS275101R0024		0.110	6
	4	093954	SN201MC4	2CSS275101R0044		0.110	6
	6	094050	SN201MC6	2CSS275101R0064		0.110	6
	10	094159	SN201MC10	2CSS275101R0104		0.110	6
	16	094258	SN201MC16	2CSS275101R0164		0.110	6
	20	094357	SN201MC20	2CSS275101R0204		0.110	6
	25	094456	SN201MC25	2CSS275101R0254		0.110	6
	32	094555	SN201MC32	2CSS275101R0324		0.110	6
	40	094654	SN201MC40	2CSS275101R0404		0.110	6