

Miniature circuit breaker SJ200

Data sheet



ABB's SJ 200 miniature circuit breakers are perfectly suitable for protecting lighting and power socket circuits in residential areas. They provide protection and control of the circuits against overloads and short-circuits as well as protection for resistive and inductive loads with low inrush current (C characteristic) or high inrush current (D characteristic)

Key features

Contact Position Indication

SJ200 MCBs are equipped with a contact position indication (CPI) on the toggle. You can easily identify, if the MCB is in the ON or the OFF position – easy and safe maintenance work is possible.

Approvals printed on the dome

SJ200 MCBs comply with IEC/EN 60898-1 and carry all relevant approval marks for each market and segment they are destined to. The certification markings are also printed on the dome of the MCB. Thus make it possible to see the markings also in the mounted position. For control and acceptance procedure – certification marks visible on fitted devices on the dome.

Laser printing

All printings of the SJ200 MCBs, like the approvals on the dome and the product identification, are printed by a laser. The laser printing ensures a friction, scratch and solvent resistant marking on the MCBs. Easy identification of the products in case of maintenance or replacements due to safe laser printing.

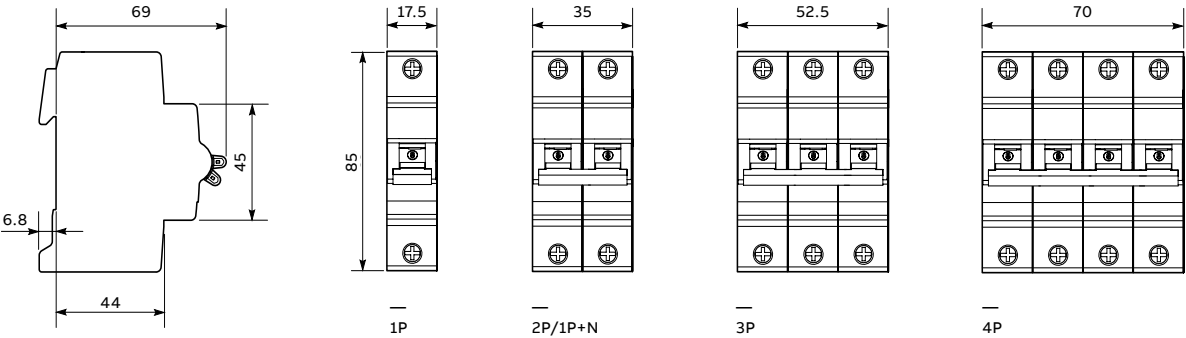
Housing materials

With the latest generation of thermoplastics it is possible to recycle the MCBs – especially the thermoplastic housing material can be re-used. SJ200 MCBs are 100% free of halogens – no environmental pollution.

Technical data

Electrical features		
Standard		IEC 60898-1
Poles		1P, 1P+N, 2P, 3P, 4P
Tripping characteristics		C, D
Rated current I _n	A	6...63
Rated voltage U _n	V	230/400V AC
Rated short-circuit capacity I _{cn}	kA	6
Energy limiting class		3
Mechanical features		
Electrical endurance		10,000 ops.
Mechanical endurance		20,000 ops.
Ambient temperature (with daily average ≤ +35 °C)	°C	-25...+55
Storage temperature	°C	-40...+70
Environmental conditions (damp heat) acc. to IEC/EN 60898-1	°C/RH	28 cycles with 55°C/90-96% and 25°C/95-100%
Protection degree acc. to IEC 60898-1		IP20
		IP40 (In enclosure with cover)
Installation		
Terminal		Cage terminal
Cross-section of conductors (top / bottom)	mm ²	Max. 35 mm ²
Tightening torque	N.m	2
Pole dimensions (H x D x W)	mm	85 x 69 x 17.5 mm
Supply		optional

Dimensions



Ordering information



SJ200 C

SJ200 C characteristic						
Poles	Rated current	Type code	Order details		Weight 1 piece	Pack unit
	In A		Order code	EAN code	kg	pc.
1	6	SJ201-C6	2TAZ141100R0064	6957625328320	0.1	12
	10	SJ201-C10	2TAZ141100R0104	6957625328344	0.1	12
	16	SJ201-C16	2TAZ141100R0164	6957625328368	0.1	12
	20	SJ201-C20	2TAZ141100R0204	6957625328375	0.1	12
	25	SJ201-C25	2TAZ141100R0254	6957625328382	0.1	12
	32	SJ201-C32	2TAZ141100R0324	6957625328399	0.1	12
	40	SJ201-C40	2TAZ141100R0404	6957625328405	0.1	12
	50	SJ201-C50	2TAZ141100R0504	6957625328412	0.1	12
	63	SJ201-C63	2TAZ141100R0634	6957625328429	0.1	12
1+N	6	SJ201-C6 NA	2TAZ141110R0064	6957625328436	0.2	6
	10	SJ201-C10 NA	2TAZ141110R0104	6957625328450	0.2	6
	16	SJ201-C16 NA	2TAZ141110R0164	6957625328474	0.2	6
	20	SJ201-C20 NA	2TAZ141110R0204	6957625328481	0.2	6
	25	SJ201-C25 NA	2TAZ141110R0254	6957625328498	0.2	6
	32	SJ201-C32 NA	2TAZ141110R0324	6957625328504	0.2	6
	40	SJ201-C40 NA	2TAZ141110R0404	6957625328511	0.2	6
	50	SJ201-C50 NA	2TAZ141110R0504	6957625328528	0.2	6
	63	SJ201-C63 NA	2TAZ141110R0634	6957625328535	0.2	6
2	6	SJ202-C6	2TAZ141200R0064	6957625328542	0.2	6
	10	SJ202-C10	2TAZ141200R0104	6957625328566	0.2	6
	16	SJ202-C16	2TAZ141200R0164	6957625328580	0.2	6
	20	SJ202-C20	2TAZ141200R0204	6957625328597	0.2	6
	25	SJ202-C25	2TAZ141200R0254	6957625328603	0.2	6
	32	SJ202-C32	2TAZ141200R0324	6957625328610	0.2	6
	40	SJ202-C40	2TAZ141200R0404	6957625328627	0.2	6
	50	SJ202-C50	2TAZ141200R0504	6957625328634	0.2	6
	63	SJ202-C63	2TAZ141200R0634	6957625328641	0.2	6
3	6	SJ203-C6	2TAZ141300R0064	6957625328658	0.3	4
	10	SJ203-C10	2TAZ141300R0104	6957625328672	0.3	4
	16	SJ203-C16	2TAZ141300R0164	6957625328696	0.3	4
	20	SJ203-C20	2TAZ141300R0204	6957625328702	0.3	4
	25	SJ203-C25	2TAZ141300R0254	6957625328719	0.3	4
	32	SJ203-C32	2TAZ141300R0324	6957625328726	0.3	4
	40	SJ203-C40	2TAZ141300R0404	6957625328733	0.3	4
	50	SJ203-C50	2TAZ141300R0504	6957625328740	0.3	4
	63	SJ203-C63	2TAZ141300R0634	6957625328757	0.3	4
4	6	SJ204-C6	2TAZ141400R0064	6957625328764	0.4	3
	10	SJ204-C10	2TAZ141400R0104	6957625328788	0.4	3
	16	SJ204-C16	2TAZ141400R0164	6957625328801	0.4	3
	20	SJ204-C20	2TAZ141400R0204	6957625328818	0.4	3
	25	SJ204-C25	2TAZ141400R0254	6957625328825	0.4	3
	32	SJ204-C32	2TAZ141400R0324	6957625328832	0.4	3
	40	SJ204-C40	2TAZ141400R0404	6957625328849	0.4	3
	50	SJ204-C50	2TAZ141400R0504	6957625328856	0.4	3
	63	SJ204-C63	2TAZ141400R0634	6957625328863	0.4	3



SJ200 D

SJ200 D characteristic						
Poles	Rated current	Type code	Order details		Weight 1 piece	Pack unit
			Order code	EAN code		
1	In A				kg	pc.
	6	SJ201-D6	2TAZ141100R0061	6957625328870	0.1	12
	10	SJ201-D10	2TAZ141100R0101	6957625328894	0.1	12
	16	SJ201-D16	2TAZ141100R0161	6957625328917	0.1	12
	20	SJ201-D20	2TAZ141100R0201	6957625328924	0.1	12
	25	SJ201-D25	2TAZ141100R0251	6957625328931	0.1	12
	32	SJ201-D32	2TAZ141100R0321	6957625328948	0.1	12
	40	SJ201-D40	2TAZ141100R0401	6957625328955	0.1	12
	50	SJ201-D50	2TAZ141100R0501	6957625328962	0.1	12
	63	SJ201-D63	2TAZ141100R0631	6957625328979	0.1	12
1+N	6	SJ201-D6 NA	2TAZ141110R0061	6957625328986	0.2	6
	10	SJ201-D10 NA	2TAZ141110R0101	6957625329006	0.2	6
	16	SJ201-D16 NA	2TAZ141110R0161	6957625329020	0.2	6
	20	SJ201-D20 NA	2TAZ141110R0201	6957625329037	0.2	6
	25	SJ201-D25 NA	2TAZ141110R0251	6957625329044	0.2	6
	32	SJ201-D32 NA	2TAZ141110R0321	6957625329051	0.2	6
	40	SJ201-D40 NA	2TAZ141110R0401	6957625329068	0.2	6
	50	SJ201-D50 NA	2TAZ141110R0501	6957625329075	0.2	6
	63	SJ201-D63 NA	2TAZ141110R0631	6957625329082	0.2	6
2	6	SJ202-D6	2TAZ141200R0061	6957625329099	0.2	6
	10	SJ202-D10	2TAZ141200R0101	6957625329112	0.2	6
	16	SJ202-D16	2TAZ141200R0161	6957625329136	0.2	6
	20	SJ202-D20	2TAZ141200R0201	6957625329143	0.2	6
	25	SJ202-D25	2TAZ141200R0251	6957625329150	0.2	6
	32	SJ202-D32	2TAZ141200R0321	6957625329167	0.2	6
	40	SJ202-D40	2TAZ141200R0401	6957625329174	0.2	6
	50	SJ202-D50	2TAZ141200R0501	6957625329181	0.2	6
	63	SJ202-D63	2TAZ141200R0631	6957625329198	0.2	6
3	6	SJ203-D6	2TAZ141300R0061	6957625329204	0.3	4
	10	SJ203-D10	2TAZ141300R0101	6957625329228	0.3	4
	16	SJ203-D16	2TAZ141300R0161	6957625329242	0.3	4
	20	SJ203-D20	2TAZ141300R0201	6957625329259	0.3	4
	25	SJ203-D25	2TAZ141300R0251	6957625329266	0.3	4
	32	SJ203-D32	2TAZ141300R0321	6957625329273	0.3	4
	40	SJ203-D40	2TAZ141300R0401	6957625329280	0.3	4
	50	SJ203-D50	2TAZ141300R0501	6957625329297	0.3	4
	63	SJ203-D63	2TAZ141300R0631	6957625329303	0.3	4
4	6	SJ204-D6	2TAZ141400R0061	6957625329310	0.4	3
	10	SJ204-D10	2TAZ141400R0101	6957625329334	0.4	3
	16	SJ204-D16	2TAZ141400R0161	6957625329358	0.4	3
	20	SJ204-D20	2TAZ141400R0201	6957625329365	0.4	3
	25	SJ204-D25	2TAZ141400R0251	6957625329372	0.4	3
	32	SJ204-D32	2TAZ141400R0321	6957625329389	0.4	3
	40	SJ204-D40	2TAZ141400R0401	6957625329396	0.4	3
	50	SJ204-D50	2TAZ141400R0501	6957625329402	0.4	3
	63	SJ204-D63	2TAZ141400R0631	6957625329419	0.4	3