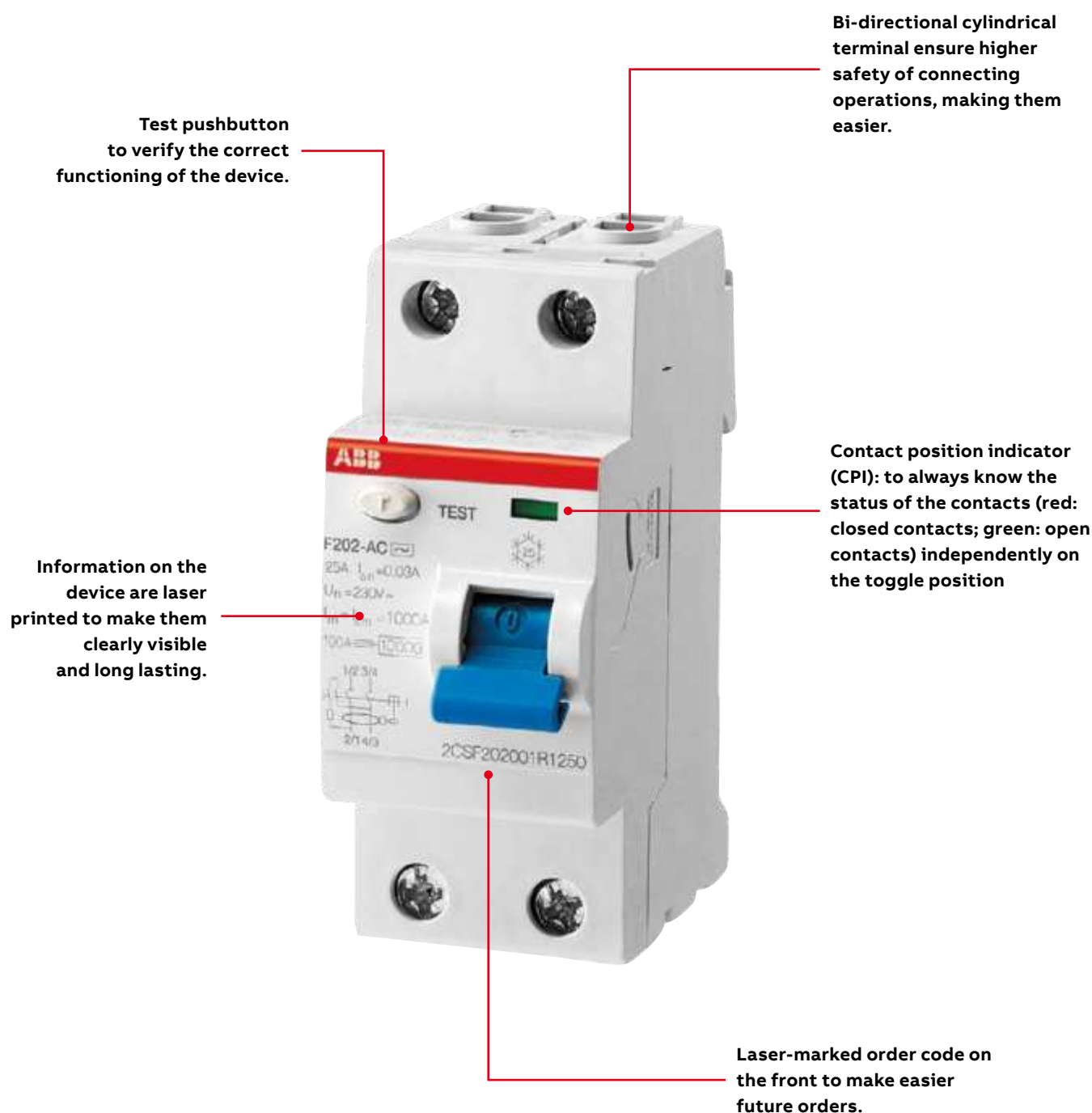


RCCB F 200.

The details make the difference

A range designed to ensure efficiency and protection





Two terminals are available, the fore one for cables up to 25 mm², the back one for cables up to 10 mm² or for busbars.



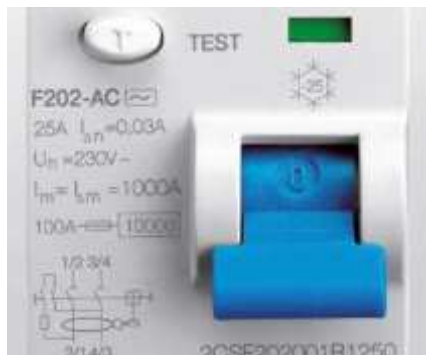
RCCBs F200 can be used in ambient conditions where the temperature of the surrounding atmosphere has values between -25 °C (snowflake laser printed on the front of the device) and +55°C.



The availability of two terminals offers different connection solutions thanks to the possibility to connect two independent cables in the same device: the second terminal can be used for an auxiliary circuit or for the supply of devices with small section cables without connecting them together with the main circuit.



All the safety ensured by the international marks: approvals' marking in a visible area, even if RCDs is installed and with the panel-door closed.



High performances:

- rated breaking capacity and rated residual breaking capacity laser printed on the device:
 $I_m = I_{m1} = 1000 \text{ A}$
- coordination with a 100 A rated current SCPD (short-circuit protective device) = 10 000 A.



The F 202 can be coupled with the autoreclosing unit F2C-ARH in order to ensure continuity of service for the whole installation of your home avoiding lack of supply.

RCCBs

F200 technical features



Standards			
Electrical features	Type (wave form of the earth leakage sensed)		
	Poles		
	Rated current I_n		A
	Rated sensitivity $I_{\Delta n}$		A
	Rated voltage U_e	IEC	V
		UL/CSA	V
	Insulation voltage U_i		V
	Operating voltage of circuit test U_t	IEC	V
		UL/CSA	V
	Rated frequency		Hz
	Rated conditional short-circuit current $I_{nc}=I_{\Delta 3}$	SCPD - fuse gG 100 A	kA
	Rated residual breaking capacity $I_{\Delta m}=I_m$		kA
	Rated impulse withstand voltage (1.2/50) U_{imp}		kV
	Dielectric test voltage at ind. freq. for 1 min.		kV
	Overvoltage category		
	Surge current resistance (wave 8/20)		A
Mechanical features	Toggle		
	Contact position indicator (CPI)		
	Electrical life		
	Mechanical life		
	Protection degree	housing terminals	
	Environmental conditions (damp heat) acc. to IEC/EN 60068-2-30		°C/RH
	Ambient temperature (with daily average $\leq +35$ °C)	IEC	°C
	Storage temperature		°C
Installation	Terminal type		
	Terminal size top/bottom for cable	IEC	mm ²
		UL/CSA	AWG
	Terminal size top/bottom for busbar	IEC	mm ²
		UL/CSA	AWG
	Tightening torque	IEC	Nm
		UL/CSA	in-lbs.
	Tool		
	Mounting		
	Mounting position		
Dimensions and weight	Connection		
	Withdrawal from busbar		
	Dimensions (H x D x W)	2P	mm
		4P	mm
	Weight	2P	g
		4P	g
Combination with auxiliary elements	Combinable with:	auxiliary contact	
		signal contact/auxiliary switch	
		shunt trip	
		undervoltage release	

① Ground-fault sensing and relaying equipment-component (up to 63 A)

② prior to connection of aluminium conductors (≥ 4 mm²) ensure that their contact points are cleaned, brushed and coated with grease

③ for S700-E/K 100A, S750-E 63A, S750DR-E/K 63A and other SCPD coordination values see Chapter 3 of Solutions for electrical distribution in buildings - technical details

④ F200 left neutral has not the UL certification and the UL mark

⑤ Only for versions with marking according to EN 61008-1; EN 61008-2-1

⑥ Neutral conductor can be wired anywhere for 2P devices

RCCBs

F200 technical features

F200 AC	F200 A	F200 A AP-R	F200 A S	F200 A 110V	F200 A 400 Hz	F200 A 16 2/3 Hz
IEC/EN 61008-1; IEC/EN 61008-2-1, UL 1053 ①				IEC 61008-1; IEC 61008-2-1; UL 1053	IEC/EN 61008-1; IEC/EN 61008-2-1	IEC/EN 61008-1; IEC/EN 61008-2-1
AC	A	A	A	A	A	A
2P ⑥, 4P (for 125 A only 4P)				2P, 4P	4P	2P, 4P
16, 25, 40, 63, 80, 100, 125		25, 40, 63, 80, 100, 125	40, 63, 80, 100, 125	25, 40, 63, 80, 100	25, 40	63
0.01-0.03-0.1-0.3-0.5		0.03	0.1-0.3-0.5-1	0.03	0.03	0.03-0.3-0.5
230/400 - 240/415						
480Y/277 (up to 100 A)				-	-	
500						
In ≤ 100; Right neutral: 110 (170 for 30mA) - 254 ⑤; Left neutral: 195 (250 for 30 mA) - 440 ⑤				110-254	170-254	110 (170 for 30 mA) - 254
In = 125 A; Right neutral: 185 (150 for 30 mA) - 440 (250 for 30 mA) ⑤; Left neutral: 195 (250 for 30 mA) - 440						
In ≤ 100; Right neutral: 110 (170 for 30mA) - 277 ⑤; Left neutral: 195 (250 for 30 mA) - 480 ⑤ ④					-	
50...60					50...400	16 2/3
10 (for 125 A fuse is gG 125 A)						
1 (1.25 for 125 A)						
4						
2.5						
III, disconnecter abilities						
NA		3000	5000	NA	NA	NA
blue sealable in ON-OFF position						
yes						
10000 (2000 for 125 A)				10000	10000	10000
20000 (5000 for 125 A)				20000	20000	20000
IP4X						
IP2X						
28 cycles with 55°C/90-96% and 25°C/95-100%						
-25...+55 (-25...+40 for 125 A)				-25...+55	-25...+55	-25...+55
-40...+70						
failsafe bi-directional cylinder-lift terminal at top and bottom (shock protected) (cage for In > 63 A) ②						
25/25 (35/35 single slot terminal for In > 63 A)					25/25	25/25
18-4 (up to 63 A)				-	-	
10/10 (not for In = 80-100 A)					10/10	10/10
18-8 (up to 63 A)				-	-	
2.8 (3 for In = 125 A)				2.8	2.8	2.8
25 (up to 63 A)				-	-	
Nr. 2 Pozidriv						
on DIN rail EN 60715 (35 mm) by means of fast clip device						
Any						
from top and bottom						
it is possible without using any tools only from the bottom (not for 125 A)						
85 x 69 x 35					-	
85 x 69 x 70 (85 x 69.5 x 72 for 125 A)					85 x 69 x 70	85 x 69 x 70
200					-	
350 (380 for In = 80 and 100 A and 460 for In = 125A)					350	350
yes (no for 125 A)					yes	yes
yes					yes	yes
yes (no for 125 A)					yes	yes
yes (no for 125 A)					yes	yes

RCCBs

F 200 series AC  type



F202

F 200 AC type

Function: protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with $I_{\Delta n}=30$ mA).

Application: residential, commercial, industrial.

Standard: IEC/EN 61008-1; IEC/EN 61008-2-1

Marking: according to EN 61008-1; EN 61008-2-1

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
2	10	16	779902	F202 AC-16/0.01	2CSF202001R0160		0.225	1/6
		25	738022	F202 AC-25/0.01	2CSF202001R0250		0.225	1/6
	30	25	780007	F202 AC-25/0.03	2CSF202001R1250		0.225	1/6
		40	780106	F202 AC-40/0.03	2CSF202001R1400		0.225	1/6
		63	780205	F202 AC-63/0.03	2CSF202001R1630		0.225	1/6
		80	914204	F202 AC-80/0.03	2CSF202001R1800		0.225	1/6
		100	914303	F202 AC-100/0.03	2CSF202001R1900		0.225	1/6
	100	25	780304	F202 AC-25/0.1	2CSF202001R2250		0.225	1/6
		40	780403	F202 AC-40/0.1	2CSF202001R2400		0.225	1/6
		63	780502	F202 AC-63/0.1	2CSF202001R2630		0.225	1/6
		80	914402	F202 AC-80/0.1	2CSF202001R2800		0.225	1/6
		100	914501	F202 AC-100/0.1	2CSF202001R2900		0.225	1/6
	300	25	780601	F202 AC-25/0.3	2CSF202001R3250		0.225	1/6
		40	780700	F202 AC-40/0.3	2CSF202001R3400		0.225	1/6
		63	780809	F202 AC-63/0.3	2CSF202001R3630		0.225	1/6
		80	914600	F202 AC-80/0.3	2CSF202001R3800		0.225	1/6
		100	914709	F202 AC-100/0.3	2CSF202001R3900		0.225	1/6
	500	25	780908	F202 AC-25/0.5	2CSF202001R4250		0.225	1/6
		40	781004	F202 AC-40/0.5	2CSF202001R4400		0.225	1/6
		63	781103	F202 AC-63/0.5	2CSF202001R4630		0.225	1/6
		80	914808	F202 AC-80/0.5	2CSF202001R4800		0.225	1/6
		100	914907	F202 AC-100/0.5	2CSF202001R4900		0.225	1/6

RCCBs

F 200 series AC  type



F204



F204 125 A

Number of poles	Rated residual current I _{Δn} mA	Rated current I _n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
4	30	25	781202	F204 AC-25/0.03	2CSF204001R1250		0.375	1/3
		40	781301	F204 AC-40/0.03	2CSF204001R1400		0.375	1/3
		63	781400	F204 AC-63/0.03	2CSF204001R1630		0.375	1/3
		80	916604	F204 AC-80/0.03	2CSF204001R1800		0.405	1/3
		100	916703	F204 AC-100/0.03	2CSF204001R1900		0.405	1/3
		125	941507	F204 AC-125/0.03	2CSF204001R1950		0.500	1
100	30	25	781509	F204 AC-25/0.1	2CSF204001R2250		0.375	1/3
		40	781608	F204 AC-40/0.1	2CSF204001R2400		0.375	1/3
		63	781707	F204 AC-63/0.1	2CSF204001R2630		0.375	1/3
		80	916802	F204 AC-80/0.1	2CSF204001R2800		0.405	1/3
		100	916901	F204 AC-100/0.1	2CSF204001R2900		0.405	1/3
		125	941606	F204 AC-125/0.1	2CSF204001R2950		0.500	1
300	30	25	781806	F204 AC-25/0.3	2CSF204001R3250		0.375	1/3
		40	781905	F204 AC-40/0.3	2CSF204001R3400		0.375	1/3
		63	782001	F204 AC-63/0.3	2CSF204001R3630		0.375	1/3
		80	917007	F204 AC-80/0.3	2CSF204001R3800		0.405	1/3
		100	917106	F204 AC-100/0.3	2CSF204001R3900		0.405	1/3
		125	941705	F204 AC-125/0.3	2CSF204001R3950		0.500	1
500	30	25	782100	F204 AC-25/0.5	2CSF204001R4250		0.375	1/3
		40	782209	F204 AC-40/0.5	2CSF204001R4400		0.375	1/3
		63	782308	F204 AC-63/0.5	2CSF204001R4630		0.375	1/3
		80	917205	F204 AC-80/0.5	2CSF204001R4800		0.405	1/3
		100	917304	F204 AC-100/0.5	2CSF204001R4900		0.405	1/3
		125	941804	F204 AC-125/0.5	2CSF204001R4950		0.500	1

RCCBs

F 200 series AC  type, for overseas markets



F202

F 200 AC type (for overseas markets)

Function: protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with $I_{\Delta n}=30$ mA).

Application: residential, commercial, industrial.

Standard: IEC 61008-1; IEC 61008-2-1

Marking: according to IEC 61008-1; IEC 61008-2-1

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
2	10	16	814603	F202 AC-16/0.01	2CSF202005R0160		0.225	1/6
	30	25	814702	F202 AC-25/0.03	2CSF202005R1250		0.225	1/6
		40	814801	F202 AC-40/0.03	2CSF202005R1400		0.225	1/6
		63	814900	F202 AC-63/0.03	2CSF202005R1630		0.225	1/6
		80	935902	F202 AC-80/0.03	2CSF202005R1800		0.225	1/6
		100	936008	F202 AC-100/0.03	2CSF202005R1900		0.225	1/6
	100	25	815006	F202 AC-25/0.1	2CSF202005R2250		0.225	1/6
		40	815105	F202 AC-40/0.1	2CSF202005R2400		0.225	1/6
		63	815204	F202 AC-63/0.1	2CSF202005R2630		0.225	1/6
		80	936107	F202 AC-80/0.1	2CSF202005R2800		0.225	1/6
		100	936206	F202 AC-100/0.1	2CSF202005R2900		0.225	1/6
	300	25	815303	F202 AC-25/0.3	2CSF202005R3250		0.225	1/6
		40	815402	F202 AC-40/0.3	2CSF202005R3400		0.225	1/6
		63	815501	F202 AC-63/0.3	2CSF202005R3630		0.225	1/6
		80	936305	F202 AC-80/0.3	2CSF202005R3800		0.225	1/6
		100	936404	F202 AC-100/0.3	2CSF202005R3900		0.225	1/6
	500	25	883302	F202 AC-25/0.5	2CSF202005R4250		0.225	1/6
		40	883401	F202 AC-40/0.5	2CSF202005R4400		0.225	1/6
		63	883500	F202 AC-63/0.5	2CSF202005R4630		0.225	1/6
		80	936503	F202 AC-80/0.5	2CSF202005R4800		0.225	1/6
		100	936602	F202 AC-100/0.5	2CSF202005R4900		0.225	1/6

RCCBs

F 200 series AC  type, for overseas markets



F204

Number of poles	Rated residual current I Δ n mA	Rated current In A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
4	30	25	817109	F204 AC-25/0.03	2CSF204005R1250		0.375	1/3
		40	817208	F204 AC-40/0.03	2CSF204005R1400		0.375	1/3
		63	817307	F204 AC-63/0.03	2CSF204005R1630		0.375	1/3
		80	936701	F204 AC-80/0.03	2CSF204005R1800		0.405	1/3
		100	936800	F204 AC-100/0.03	2CSF204005R1900		0.405	1/3
	100	25	817406	F204 AC-25/0.1	2CSF204005R2250		0.375	1/3
		40	817505	F204 AC-40/0.1	2CSF204005R2400		0.375	1/3
		63	817604	F204 AC-63/0.1	2CSF204005R2630		0.375	1/3
		80	936909	F204 AC-80/0.1	2CSF204005R2800		0.405	1/3
		100	937005	F204 AC-100/0.1	2CSF204005R2900		0.405	1/3
	300	25	817703	F204 AC-25/0.3	2CSF204005R3250		0.375	1/3
		40	817802	F204 AC-40/0.3	2CSF204005R3400		0.375	1/3
		63	817901	F204 AC-63/0.3	2CSF204005R3630		0.375	1/3
		80	937104	F204 AC-80/0.3	2CSF204005R3800		0.405	1/3
		100	937203	F204 AC-100/0.3	2CSF204005R3900		0.405	1/3
	500	25	883609	F204 AC-25/0.5	2CSF204005R4250		0.375	1/3
		40	883609	F204 AC-40/0.5	2CSF204005R4400		0.375	1/3
		63	883807	F204 AC-63/0.5	2CSF204005R4630		0.375	1/3
		80	937302	F204 AC-80/0.5	2CSF204005R4800		0.405	1/3
		100	937401	F204 AC-100/0.5	2CSF204005R4900		0.405	1/3

RCCBs

F 200 series AC  type left neutral



F204 left neutral



F204 left neutral 125 A

F 200 AC type with neutral pole on the left

Function: protection against the effects of sinusoidal alternating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with $I_n=30$ mA). Product helpful where for installation habits, for wiring with busbars or cables, for special needs neutral on the left is needed.

Application: residential, commercial, industrial.

Standard: IEC/EN 61008-1; IEC/EN 61008-2-1

Marking: according to EN 61008-1; EN 61008-2-1

Number of poles	Rated residual current I_n mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
4	30	25	815907	F204 AC-25/0.03	2CSF204023R1250		0.375	1/3
		40	816003	F204 AC-40/0.03	2CSF204023R1400		0.375	1/3
		63	816102	F204 AC-63/0.03	2CSF204023R1630		0.375	1/3
		80	917403	F204 AC-80/0.03	2CSF204023R1800		0.405	1/3
		100	917502	F204 AC-100/0.03	2CSF204023R1900		0.405	1/3
		125	975106	F204 AC-125/0.03	2CSF204023R1950		0.500	1
100	25	816201	816201	F204 AC-25/0.1	2CSF204023R2250		0.375	1/3
		40	816300	F204 AC-40/0.1	2CSF204023R2400		0.375	1/3
		63	816409	F204 AC-63/0.1	2CSF204023R2630		0.375	1/3
300	25	816508	816508	F204 AC-25/0.3	2CSF204023R3250		0.375	1/3
		40	816607	F204 AC-40/0.3	2CSF204023R3400		0.375	1/3
		63	816706	F204 AC-63/0.3	2CSF204023R3630		0.375	1/3
		80	917601	F204 AC-80/0.3	2CSF204023R3800		0.405	1/3
		100	917700	F204 AC-100/0.3	2CSF204023R3900		0.405	1/3
		125	975304	F204 AC-125/0.3	2CSF204023R3950		0.500	1
500	25	816805	816805	F204 AC-25/0.5	2CSF204023R4250		0.375	1/3
		40	816904	F204 AC-40/0.5	2CSF204023R4400		0.375	1/3
		63	817000	F204 AC-63/0.5	2CSF204023R4630		0.375	1/3

RCCBs

F 200 series A  type



F202

F 200 A type

Function: protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with $I_{\Delta n}=30$ mA).

Application: residential, commercial, industrial.

Standard: IEC/EN 61008-1; IEC/EN 61008-2-1

Marking: according to EN 61008-1; EN 61008-2-1

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
2	10	16	782407	F202 A-16/0.01	2CSF202101R0160		0.225	1/6
	30	25	782506	F202 A-25/0.03	2CSF202101R1250		0.225	1/6
		40	782605	F202 A-40/0.03	2CSF202101R1400		0.225	1/6
		63	782704	F202 A-63/0.03	2CSF202101R1630		0.225	1/6
		80	915201	F202 A-80/0.03	2CSF202101R1800		0.225	1/6
		100	915300	F202 A-100/0.03	2CSF202101R1900		0.225	1/6
	100	25	786900	F202 A-25/0.1	2CSF202101R2250		0.225	1/6
		40	787006	F202 A-40/0.1	2CSF202101R2400		0.225	1/6
		63	787105	F202 A-63/0.1	2CSF202101R2630		0.225	1/6
		80	915409	F202 A-80/0.1	2CSF202101R2800		0.225	1/6
		100	915508	F202 A-100/0.1	2CSF202101R2900		0.225	1/6
	300	25	782803	F202 A-25/0.3	2CSF202101R3250		0.225	1/6
		40	782902	F202 A-40/0.3	2CSF202101R3400		0.225	1/6
		63	783008	F202 A-63/0.3	2CSF202101R3630		0.225	1/6
		80	915607	F202 A-80/0.3	2CSF202101R3800		0.225	1/6
		100	915706	F202 A-100/0.3	2CSF202101R3900		0.225	1/6
	500	25	783107	F202 A-25/0.5	2CSF202101R4250		0.225	1/6
		40	783206	F202 A-40/0.5	2CSF202101R4400		0.225	1/6
		63	783305	F202 A-63/0.5	2CSF202101R4630		0.225	1/6
		80	915805	F202 A-80/0.5	2CSF202101R4800		0.225	1/6
		100	915904	F202 A-100/0.5	2CSF202101R4900		0.225	1/6

RCCBs

F 200 series A  type



F204



F204 125 A

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
4	30	25	783404	F204 A-25/0.03	2CSF204101R1250		0.375	1/3
		40	783503	F204 A-40/0.03	2CSF204101R1400		0.375	1/3
		63	783602	F204 A-63/0.03	2CSF204101R1630		0.375	1/3
		80	917809	F204 A-80/0.03	2CSF204101R1800		0.405	1/3
		100	917908	F204 A-100/0.03	2CSF204101R1900		0.405	1/3
		125	941903	F204 A-125/0.03	2CSF204101R1950		0.500	1
	100	25	787204	F204 A-25/0.1	2CSF204101R2250		0.375	1/3
		40	787303	F204 A-40/0.1	2CSF204101R2400		0.375	1/3
		63	787402	F204 A-63/0.1	2CSF204101R2630		0.375	1/3
		80	918004	F204 A-80/0.1	2CSF204101R2800		0.405	1/3
		100	918103	F204 A-100/0.1	2CSF204101R2900		0.405	1/3
		125	942009	F204 A-125/0.1	2CSF204101R2950		0.500	1
	300	25	783701	F204 A-25/0.3	2CSF204101R3250		0.375	1/3
		40	783800	F204 A-40/0.3	2CSF204101R3400		0.375	1/3
		63	783909	F204 A-63/0.3	2CSF204101R3630		0.375	1/3
		80	918202	F204 A-80/0.3	2CSF204101R3800		0.405	1/3
		100	918301	F204 A-100/0.3	2CSF204101R3900		0.405	1/3
		125	942108	F204 A-125/0.3	2CSF204101R3950		0.500	1
	500	25	784005	F204 A-25/0.5	2CSF204101R4250		0.375	1/3
		40	784104	F204 A-40/0.5	2CSF204101R4400		0.375	1/3
		63	784203	F204 A-63/0.5	2CSF204101R4630		0.375	1/3
		80	918400	F204 A-80/0.5	2CSF204101R4800		0.405	1/3
		100	918509	F204 A-100/0.5	2CSF204101R4900		0.405	1/3
		125	942207	F204 A-125/0.5	2CSF204101R4950		0.500	1

RCCBs

F 200 series A  type left neutral



F204 left neutral



F204 left neutral 125 A

F 200 A type with neutral pole on the left

Function: protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with $I_{\Delta n}=30$ mA). Product helpful where for installation habits, for wiring with bus-bars or cables, for special needs neutral on the left is needed.

Application: residential, commercial, industrial.

Standard: IEC/EN 61008-1; IEC/EN 61008-2-1

Marking: according to EN 61008-1; EN 61008-2-1

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
4	30	25	820109	F204 A-25/0.03	2CSF204123R1250		0.375	1/3
		40	820208	F204 A-40/0.03	2CSF204123R1400		0.375	1/3
		63	820307	F204 A-63/0.03	2CSF204123R1630		0.375	1/3
		80	918608	F204 A-80/0.03	2CSF204123R1800		0.405	1/3
		100	918707	F204 A-100/0.03	2CSF204123R1900		0.405	1/3
		125	967705	F204 A-125/0.03	2CSF204123R1950		0.500	1
100	25	820406	F204 A-25/0.1	2CSF204123R2250			0.375	1/3
		40	820505	F204 A-40/0.1	2CSF204123R2400		0.375	1/3
		63	820604	F204 A-63/0.1	2CSF204123R2630		0.375	1/3
		25	820703	F204 A-25/0.3	2CSF204123R3250		0.375	1/3
300	40	820802	F204 A-40/0.3	2CSF204123R3400			0.375	1/3
		63	820901	F204 A-63/0.3	2CSF204123R3630		0.375	1/3
		80	918806	F204 A-80/0.3	2CSF204123R3800		0.405	1/3
		100	918905	F204 A-100/0.3	2CSF204123R3900		0.405	1/3
		125	967804	F204 A-125/0.3	2CSF204123R3950		0.500	1
500	25	821007	F204 A-25/0.5	2CSF204123R4250			0.375	1/3
		40	821106	F204 A-40/0.5	2CSF204123R4400		0.375	1/3
		63	821205	F204 A-63/0.5	2CSF204123R4630		0.375	1/3

RCCBs

F 200 series A  type, AP-R (high immunity)



F202



F204



F204 125 A

F 200 AP-R, A type

Function: protection against the effects of sinusoidal alternating and direct pulsating earth fault currents, providing the best compromise between safety and continuity in the service thanks to the resistance to unwanted trippings; protection against indirect contacts and additional protection against direct contacts ($I_{\Delta n}=30$ mA).

Application: residential, commercial, industrial.

Standard: IEC/EN 61008-1; IEC/EN 61008-2-1

Surge current resistance (wave 8/20)=3000 A

Marking: according to EN 61008-1; EN 61008-2-1

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
2	30	25	785101	F202 A-25/0.03 AP-R	2CSF202401R1250		0.225	1/6
		40	785200	F202 A-40/0.03 AP-R	2CSF202401R1400		0.225	1/6
		63	785309	F202 A-63/0.03 AP-R	2CSF202401R1630		0.225	1/6
		80	916406	F202 A-80/0.03 AP-R	2CSF202401R1800		0.225	1/6
		100	916505	F202 A-100/0.03 AP-R	2CSF202401R1900		0.225	1/6

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
4	30	25	785408	F204 A-25/0.03 AP-R	2CSF204401R1250		0.375	1/3
		40	785507	F204 A-40/0.03 AP-R	2CSF204401R1400		0.375	1/3
		63	785606	F204 A-63/0.03 AP-R	2CSF204401R1630		0.375	1/3
		80	919407	F204 A-80/0.03 AP-R	2CSF204401R1800		0.405	1/3
		100	919506	F204 A-100/0.03 AP-R	2CSF204401R1900		0.405	1/3
		125	967903	F204 A-125/0.03 AP-R	2CSF204401R1950		0.500	1

RCCBs

F 200 series A  type, selective



F202



F204



F204 125 A

F 200 A selective type

Function: protection against the effects of sinusoidal alternating and direct pulsating earth fault currents with an intentional tripping delay, which permits to realize the selectivity with downstream instantaneous devices (for more information about selectivity see the technical guide); protection against indirect contacts.

Application: commercial, industrial.

Standard: IEC/EN 61008-1; IEC/EN 61008-2-1

Surge current resistance (wave 8/20)=5000 A

Marking: according to EN 61008-1; EN 61008-2-1

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
2	100	40	822905	F202 A S-40/0.1	2CSF202201R2400		0.225	1/6
		63	823001	F202 A S-63/0.1	2CSF202201R2630		0.225	1/6
		100	916000	F202 A S-100/0.1	2CSF202201R2900		0.225	1/6
	300	40	784302	F202 A S-40/0.3	2CSF202201R3400		0.225	1/6
		63	784401	F202 A S-63/0.3	2CSF202201R3630		0.225	1/6
		100	916109	F202 A S-100/0.3	2CSF202201R3900		0.225	1/6
	500	40	784500	F202 A S-40/0.5	2CSF202201R4400		0.225	1/6
		63	784609	F202 A S-63/0.5	2CSF202201R4630		0.225	1/6
		100	916208	F202 A S-100/0.5	2CSF202201R4900		0.225	1/6
	1000	40	823100	F202 A S-40/1	2CSF202201R5400		0.225	1/6
		63	823209	F202 A S-63/1	2CSF202201R5630		0.225	1/6
		100	916307	F202 A S-100/1	2CSF202201R5900		0.225	1/6

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
4	100	40	823308	F204 A S-40/0.1	2CSF204201R2400		0.375	1/3
		63	823407	F204 A S-63/0.1	2CSF204201R2630		0.375	1/3
		100	919001	F204 A S-100/0.1	2CSF204201R2900		0.405	1/3
	300	40	784708	F204 A S-40/0.3	2CSF204201R3400		0.375	1/3
		63	784807	F204 A S-63/0.3	2CSF204201R3630		0.375	1/3
		100	919100	F204 A S-100/0.3	2CSF204201R3900		0.405	1/3
	500	125	968207	F204 A S-125/0.3	2CSF204201R3950		0.500	1
		40	784906	F204 A S-40/0.5	2CSF204201R4400		0.375	1/3
		63	785002	F204 A S-63/0.5	2CSF204201R4630		0.375	1/3
	1000	100	919209	F204 A S-100/0.5	2CSF204201R4900		0.405	1/3
		125	968405	F204 A S-125/0.5	2CSF204201R4950		0.500	1
		40	823506	F204 A S-40/1	2CSF204201R5400		0.375	1/3
		63	823605	F204 A S-63/1	2CSF204201R5630		0.375	1/3
		100	919308	F204 A S-100/1	2CSF204201R5900		0.405	1/3

RCCBs

F 200 110V series A  type



F202 110V



F204 110V

F 200 110V A type

Function: protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with $I_{\Delta n}=30$ mA). This particular series of devices has the minimum operating voltage of test button of 110V and it is suitable for 230 V applications. This range is UL approved.

Application: residential, commercial, industrial.

Standard: IEC 61008-1; IEC 61008-2-1

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
2	30	25	343332	F202 A-25/0.03 110V	2CSF202199R1250		0.225	1/6
		40	343233	F202 A-40/0.03 110V	2CSF202199R1400		0.225	1/6
		63	343134	F202 A-63/0.03 110V	2CSF202199R1630		0.225	1/6
		80	343035	F202 A-80/0.03 110V	2CSF202199R1800		0.225	1/6
		100	342939	F202 A-100/0.03 110V	2CSF202199R1100		0.225	1/6

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
4	30	25	776734	F204 A-25/0.03 110V	2CSF204199R1250		0.375	1/3
		40	342830	F204 A-40/0.03 110V	2CSF204199R1400		0.375	1/3
		63	342731	F204 A-63/0.03 110V	2CSF204199R1630		0.375	1/3
		80	358435	F204 A-80/0.03 110V	2CSF204199R1800		0.405	1/3
		100	079132	F204 A-100/0.03 110V	2CSF204199R1100		0.405	1/3

RCCBs

F 200 series A  type for high frequency and railways applications



F202



F204

F 200 A type for high frequency (400 Hz)

Function: protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contacts and additional protection against direct (with $I_{\Delta n}=30$ mA) contacts.

Advantages: increasing the frequency generates an increase of the magnetic reluctance of the toroidal transformer of standard RCCB and what follows is the value of the increasing operating residual current at 400 Hz reaching values 3 or more times higher than those of the residual current at 50 Hz. The RCCB F 200 400 Hz guarantees protection against indirect contacts and additional protection against direct contacts (with $I_{\Delta n}=30$ mA) considering that the operating residual current doesn't increase with the increase of the network frequency.

Application: commercial, industrial.

Standard: IEC/EN 61008-1; IEC/EN 61008-2-1

Marking: according to EN 61008-1; EN 61008-2-1

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
4	30	25	968603	F204 A-25/0.03 400Hz	2CSF204197R1250		0.375	1/3
		40	968702	F204 A-40/0.03 400Hz	2CSF204197R1400		0.375	1/3

F200 A type 16 2/3 Hz

Function: protection against the effects of sinusoidal alternating and direct pulsating earth fault currents; protection against indirect contacts and additional protection against direct contacts (with $I_{\Delta n}=30$ mA).

The RCCB F200 16 2/3 Hz can work at rated frequency of 16 2/3 Hz which is common in railways applications

Application: railways

Standard: IEC/EN 61008-1; IEC/EN 61008-2-1

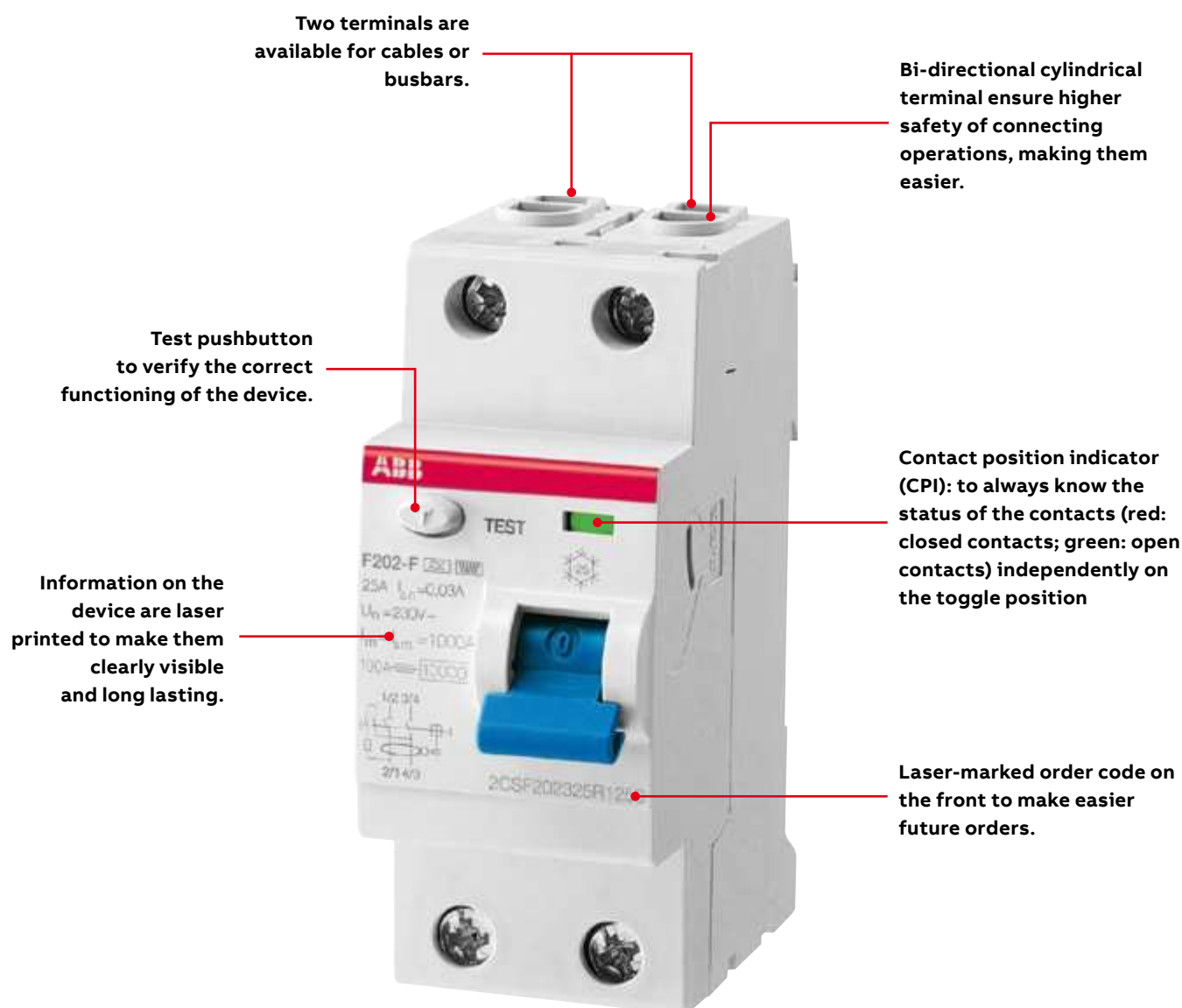
Marking: according to EN 61008-1; EN 61008-2-1

Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
2	30	63	734536	F202 A-63/0.03 16-2/3Hz	2CSF202196R1630		0.225	1/6
	300	63	733638	F202 A-63/0.3 16-2/3Hz	2CSF202196R3630		0.225	1/6
	500	63	734437	F202 A-63/0.5 16-2/3Hz	2CSF202196R4630		0.225	1/6
Number of poles	Rated residual current $I_{\Delta n}$ mA	Rated current I_n A	Bbn 8012542 EAN	Order details		Price 1 piece	Weight 1 piece kg	Pack unit pc.
				Type code	Order code			
4	30	63	733539	F204 A-63/0.03 16-2/3Hz	2CSF204196R1630		0.375	1/3
	300	63	734338	F204 A-63/0.3 16-2/3Hz	2CSF204196R3630		0.375	1/3
	500	63	733430	F204 A-63/0.5 16-2/3Hz	2CSF204196R4630		0.375	1/3

RCCB F 200 type F

The details make the difference

A range designed to ensure efficiency and protection





RCCBs F200 can be used in ambient conditions where the temperature of the surrounding atmosphere has values between -25 °C (snowflake laser printed on the front of the device) and +55 °C.



The availability of two terminals offers different connection solutions thanks to the possibility to connect two independent cables in the same device: the second terminal can be used for an auxiliary circuit or for the supply of devices with small section cables without connecting them together with the main circuit.



High performances:

- rated breaking capacity and rated residual breaking capacity laser printed on the device: $I_m = I_{\Delta m} = 1000 \text{ A}$
- coordination with a 100 A rated current SCPD (short-circuit protective device) = 10 000 A.



The F 202 can be coupled with the autoreclosing unit F2C-ARH in order to ensure continuity of service for the whole installation of your home avoiding lack of supply.