

Order codes



F202 B



F204 B

New F200 B Type from 16 to 63 A

Number of poles	Type	Rated residual current $I_{\Delta n}$ [mA]	Rated current I_n [A]	Description			Weight [kg]	Pack Unit pc		
				ABB Type	Order Code	Bbn 8012542 EAN				
2	B	30	16	F202 B-16/0,03	2CSF202592R1160	961932	0,220	1		
			25	F202 B-25/0,03	2CSF202592R1250	961734	0,220	1		
			40	F202 B-40/0,03	2CSF202592R1400	960737	0,220	1		
			63	F202 B-63/0,03	2CSF202592R1630	629634	0,220	1		
		300	B	300	16	F202 B-16/0,3	2CSF202592R3160	372233	0,220	1
					25	F202 B-25/0,3	2CSF202592R3250	372738	0,220	1
					40	F202 B-40/0,3	2CSF202592R3400	372639	0,220	1
					63	F202 B-63/0,3	2CSF202592R3630	372530	0,220	1
					63	F202 B-63/0,3	2CSF202592R3630	372530	0,220	1
4	B	30	25	F204 B-25/0,03	2CSF204592R1250	348139	0,380	1		
			40	F204 B-40/0,03	2CSF204592R1400	358336	0,380	1		
			63	F204 B-63/0,03	2CSF204592R1630	348030	0,380	1		
		300	B	300	25	F204 B-25/0,3	2CSF204592R3250	347934	0,380	1
					40	F204 B-40/0,3	2CSF204592R3400	358138	0,380	1
					63	F204 B-63/0,3	2CSF204592R3630	347835	0,380	1
		300 S	B	300 S	40	F204 B S-40/0,3	2CSF204892R3400	347736	0,380	1
					63	F204 B S-63/0,3	2CSF204892R3630	357933	0,380	1
		500	B	500	40	F204 B-40/0,5	2CSF204592R4400	776932	0,380	1
					63	F204 B-63/0,5	2CSF204592R4630	347637	0,380	1
		500 S	B	500 S	40	F204 B S-40/0,5	2CSF204892R4400	357834	0,380	1
					63	F204 B S-63/0,5	2CSF204892R4630	347538	0,380	1

F200 B Type high ratings



F204 B 100, 125 A

Number of poles	Type	Rated residual current $I_{\Delta n}$ [mA]	Rated current I_n [A]	Description			Weight [kg]	Pack Unit pc
				ABB Type	Order Code	Bbn 8012542 EAN		
4	B	30	80	F204B-80/0,03	2CSF204501R1800	988601	0,500	1
			125	F204B-125/0,03L ¹	2CSF204523R1950	988700	0,500	1
		300	80	F204B-80/0,3	2CSF204501R3800	989103	0,500	1
			125	F204B-125/0,3L ¹	2CSF204523R3950	989202	0,500	1
		300 S	125	F204BS-125/0,3L ¹	2CSF204823R3950	989509	0,500	1
		500	125	F204B-125/0,5L ¹	2CSF204523R4950	730439	0,500	1
		500 S	125	F204BS-125/0,5L ¹	2CSF204823R4950	731238	0,500	1

¹ Left-sided neutral pole

Technical specifications



F202 B



F204 B



F204 B 125 A

	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 AC	
	Insulation voltage U_i		V	
	Max. operating voltage of circuit test	IEC	V	
	Min. operating voltage for detecting Type A/AC residual currents		V AC	
	Min. operating voltage for detecting Type B residual currents		V AC	
	Rated frequency		Hz	
	Frequency range of residual current		kHz	
	Rated conditional short-circuit current $I_{cs} = I_{\Delta}^3$	SCPD - fuse gG 100 A	kA	
	Rated residual breaking capacity $I_{\Delta n} = I_m$		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	
Maximum electronic consumption		W		
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		
		Min/Max Terminal size top/bottom for cable	IEC	Mm ²
Terminal size top/bottom for busbar		IEC	Mm ²	
Tightening torque		IEC	Nm	
Tool				
Mounting				
Supply				
Dimensions and weight	Withdrawal from busbar			
	Dimensions (H x D x W)	2P	Mm	
Combination with auxiliary elements	Weight	2P	g	
	Combinable with:	auxiliary contact		
		signal contact/auxiliary switch		
		motor operating device		
		shunt trip		
undervoltage release				

¹ "Ground-Fault Sensing and Relaying Equipment" (F200 up to 100 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 are available.

New F200 B Type		F200 B Type high ratings
F202 B 16-63 A	F204 B 25-63 A	F204 B 80-125 A
IEC/EN 61008-1 EN 62423		
B		
2P	4P	4P
16, 25, 40, 63		80, 125
0,03 - 0,3	0,03 - 0,3 - 0,5	0,03 - 0,3 - 0,5
230	230/400	230/400
500		
110/253 V AC	185/440 V AC	
170/253 V AC (30 mA)	300/440 V AC (30 mA)	
0		
50	50	50
50/60		50
B: 2		B: 100
10 (for 125 A fuse is gG 125 A)		
1		125 A: 1,25
4		
2,5		
III, disconnecter abilities		
3.000	3.000 - 5.000 (B S)	3.000 - 5.000 (B S)
1,2	3,5	7,2
Blue sealable in ON-OFF position		
yes		
10.000		2.000
20.000		5.000
IP4X		
IP2X		
28 cycles with 55°C/90-96% and 25°C/95-100%		
-25...+60		-25...+40
-40...+70		
Failsafe bi-directional cylinder-lift terminal at top and bottom (shock protected) (cage for In > 63 A) ²		
1 - 25		
10/10		
2,8		3
Flat tip PZ2		
Any position on DIN rail EN 60715 (35 mm) by means of fast clip device		
Top/bottom		
It is possible without using any tools only from the bottom		
		no
85 x 69 x 35	85 x 69 x 70	85 x 69,5 x 72
200	380	460
yes		no
yes		
yes		no
yes		no
yes		no