

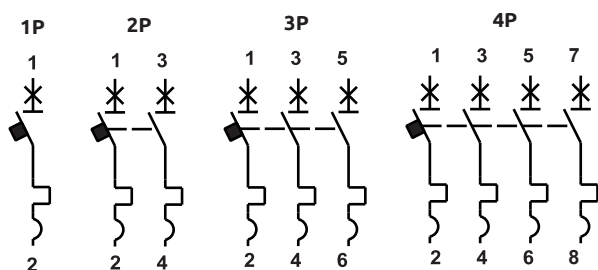




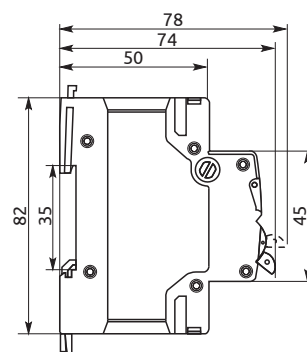
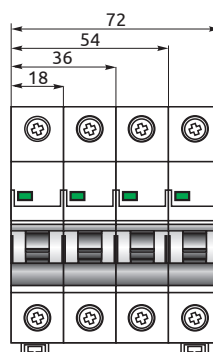
Technical specifications

Series	FB1-63
Standards	IEC/EN 60898, IEC/EN 60947-2
Number of poles	1, 2, 3, 4
Tripping characteristics	B, C
Rated voltage U_n , V	~230/400
Rated current I_n , A	1, 2, 3, 4, 5, 6, 8, 10, 13, 16, 20, 25, 32, 40, 50, 63
Rated frequency f , Hz	50/60
Rated voltage of the insulation U_i , V	500
Rated impulse withstand voltage U_{imp} , V	4000
Selectivity class	3
Rated breaking capacity I_{cs} , A	6 000
Switching wear resistance (number of cycles on/off)	10 000/20 000 (electrical/mechanical)
Connecting of additional devices	no
Cross-section of connecting conductors, mm ²	up to 25
Degree of protection	IP20
DIN rail mounting	TN35
Connecting of busbar	PIN/FORK
Width, mm	18
Sealing option ON/OFF	yes
Trip unit technology	electromagnetic/thermal

Schematic diagrams



Overall dimensions



1P



Characteristic B	Order code	Full name of	Rated current In, A	Packaging, pcs		Gross weight, kg		
				Packaging	Box	Unit	Packaging	Box
	FB1B1001	Miniature circuit breaker FB1-63 1P B 1A 6kA ECO	1	12	240	0,103	1,236	24,720
	FB1B1002	Miniature circuit breaker FB1-63 1P B 2A 6kA ECO	2	12	240	0,103	1,236	24,720
	FB1B1003	Miniature circuit breaker FB1-63 1P B 3A 6kA ECO	3	12	240	0,103	1,236	24,720
	FB1B1004	Miniature circuit breaker FB1-63 1P B 4A 6kA ECO	4	12	240	0,105	1,260	25,200
	FB1B1005	Miniature circuit breaker FB1-63 1P B 5A 6kA ECO	5	12	240	0,107	1,284	25,680
	FB1B1006	Miniature circuit breaker FB1-63 1P B 6A 6kA ECO	6	12	240	0,108	1,296	25,920
	FB1B1008	Miniature circuit breaker FB1-63 1P B 8A 6kA ECO	8	12	240	0,110	1,320	26,400
	FB1B1010	Miniature circuit breaker FB1-63 1P B 10A 6kA ECO	10	12	240	0,109	1,308	26,160
	FB1B1013	Miniature circuit breaker FB1-63 1P B 13A 6kA ECO	13	12	240	0,109	1,308	26,160
	FB1B1016	Miniature circuit breaker FB1-63 1P B 16A 6kA ECO	16	12	240	0,110	1,320	26,400
	FB1B1020	Miniature circuit breaker FB1-63 1P B 20A 6kA ECO	20	12	240	0,110	1,320	26,400
	FB1B1025	Miniature circuit breaker FB1-63 1P B 25A 6kA ECO	25	12	240	0,110	1,320	26,400
	FB1B1032	Miniature circuit breaker FB1-63 1P B 32A 6kA ECO	32	12	240	0,111	1,332	26,640
	FB1B1040	Miniature circuit breaker FB1-63 1P B 40A 6kA ECO	40	12	240	0,111	1,332	26,640
	FB1B1050	Miniature circuit breaker FB1-63 1P B 50A 6kA ECO	50	12	240	0,111	1,332	26,640
	FB1B1063	Miniature circuit breaker FB1-63 1P B 63A 6kA ECO	63	12	240	0,112	1,344	26,880

2P



	FB1B2001	Miniature circuit breaker FB1-63 2P B 1A 6kA ECO	1	6	120	0,206	1,236	24,720
	FB1B2002	Miniature circuit breaker FB1-63 2P B 2A 6kA ECO	2	6	120	0,206	1,236	24,720
	FB1B2003	Miniature circuit breaker FB1-63 2P B 3A 6kA ECO	3	6	120	0,206	1,236	24,720
	FB1B2004	Miniature circuit breaker FB1-63 2P B 4A 6kA ECO	4	6	120	0,210	1,260	25,200
	FB1B2005	Miniature circuit breaker FB1-63 2P B 5A 6kA ECO	5	6	120	0,214	1,284	25,680
	FB1B2006	Miniature circuit breaker FB1-63 2P B 6A 6kA ECO	6	6	120	0,216	1,296	25,920
	FB1B2008	Miniature circuit breaker FB1-63 2P B 8A 6kA ECO	8	6	120	0,218	1,308	26,160
	FB1B2010	Miniature circuit breaker FB1-63 2P B 10A 6kA ECO	10	6	120	0,218	1,308	26,160
	FB1B2013	Miniature circuit breaker FB1-63 2P B 13A 6kA ECO	13	6	120	0,218	1,308	26,160
	FB1B2016	Miniature circuit breaker FB1-63 2P B 16A 6kA ECO	16	6	120	0,220	1,320	26,400
	FB1B2020	Miniature circuit breaker FB1-63 2P B 20A 6kA ECO	20	6	120	0,220	1,320	26,400
	FB1B2025	Miniature circuit breaker FB1-63 2P B 25A 6kA ECO	25	6	120	0,220	1,320	26,400
	FB1B2032	Miniature circuit breaker FB1-63 2P B 32A 6kA ECO	32	6	120	0,222	1,332	26,640
	FB1B2040	Miniature circuit breaker FB1-63 2P B 40A 6kA ECO	40	6	120	0,222	1,332	26,640
	FB1B2050	Miniature circuit breaker FB1-63 2P B 50A 6kA ECO	50	6	120	0,224	1,344	26,880
	FB1B2063	Miniature circuit breaker FB1-63 2P B 63A 6kA ECO	63	6	120	0,224	1,344	26,880

3P



	FB1B3001	Miniature circuit breaker FB1-63 3P B 1A 6kA ECO	1	4	80	0,309	1,236	24,720
	FB1B3002	Miniature circuit breaker FB1-63 3P B 2A 6kA ECO	2	4	80	0,309	1,236	24,720
	FB1B3003	Miniature circuit breaker FB1-63 3P B 3A 6kA ECO	3	4	80	0,309	1,236	24,720
	FB1B3004	Miniature circuit breaker FB1-63 3P B 4A 6kA ECO	4	4	80	0,315	1,260	25,200
	FB1B3005	Miniature circuit breaker FB1-63 3P B 5A 6kA ECO	5	4	80	0,321	1,284	25,680
	FB1B3006	Miniature circuit breaker FB1-63 3P B 6A 6kA ECO	6	4	80	0,324	1,296	25,920
	FB1B3008	Miniature circuit breaker FB1-63 3P B 8A 6kA ECO	8	4	80	0,327	1,308	26,160
	FB1B3010	Miniature circuit breaker FB1-63 3P B 10A 6kA ECO	10	4	80	0,327	1,308	26,160
	FB1B3013	Miniature circuit breaker FB1-63 3P B 13A 6kA ECO	13	4	80	0,327	1,308	26,160
	FB1B3016	Miniature circuit breaker FB1-63 3P B 16A 6kA ECO	16	4	80	0,330	1,320	26,400
	FB1B3020	Miniature circuit breaker FB1-63 3P B 20A 6kA ECO	20	4	80	0,330	1,320	26,400
	FB1B3025	Miniature circuit breaker FB1-63 3P B 25A 6kA ECO	25	4	80	0,330	1,320	26,400
	FB1B3032	Miniature circuit breaker FB1-63 3P B 32A 6kA ECO	32	4	80	0,333	1,332	26,640
	FB1B3040	Miniature circuit breaker FB1-63 3P B 40A 6kA ECO	40	4	80	0,333	1,332	26,640
	FB1B3050	Miniature circuit breaker FB1-63 3P B 50A 6kA ECO	50	4	80	0,336	1,344	26,880
	FB1B3063	Miniature circuit breaker FB1-63 3P B 63A 6kA ECO	63	4	80	0,336	1,344	26,880

Miniature circuit breakers FB1-63

ECo

4P



Characteristic B	Order code	Full name of	Rated current In, A	Packaging, pcs		Gross weight, kg		
				Packaging	Box	Unit	Packaging	Box
	FB1B4001	Miniature circuit breaker FB1-63 4P B 1A 6kA ECO	1	3	60	0,412	1,236	24,720
	FB1B4002	Miniature circuit breaker FB1-63 4P B 2A 6kA ECO	2	3	60	0,412	1,236	24,720
	FB1B4003	Miniature circuit breaker FB1-63 4P B 3A 6kA ECO	3	3	60	0,412	1,236	24,720
	FB1B4004	Miniature circuit breaker FB1-63 4P B 4A 6kA ECO	4	3	60	0,420	1,260	25,200
	FB1B4005	Miniature circuit breaker FB1-63 4P B 5A 6kA ECO	5	3	60	0,428	1,284	25,680
	FB1B4006	Miniature circuit breaker FB1-63 4P B 6A 6kA ECO	6	3	60	0,432	1,296	25,920
	FB1B4008	Miniature circuit breaker FB1-63 4P B 8A 6kA ECO	8	3	60	0,436	1,308	26,160
	FB1B4010	Miniature circuit breaker FB1-63 4P B 10A 6kA ECO	10	3	60	0,436	1,308	26,160
	FB1B4013	Miniature circuit breaker FB1-63 4P B 13A 6kA ECO	13	3	60	0,436	1,308	26,160
	FB1B4016	Miniature circuit breaker FB1-63 4P B 16A 6kA ECO	16	3	60	0,440	1,320	26,400
	FB1B4020	Miniature circuit breaker FB1-63 4P B 20A 6kA ECO	20	3	60	0,440	1,320	26,400
	FB1B4025	Miniature circuit breaker FB1-63 4P B 25A 6kA ECO	25	3	60	0,440	1,320	26,400
	FB1B4032	Miniature circuit breaker FB1-63 4P B 32A 6kA ECO	32	3	60	0,444	1,332	26,640
	FB1B4040	Miniature circuit breaker FB1-63 4P B 40A 6kA ECO	40	3	60	0,444	1,332	26,640
	FB1B4050	Miniature circuit breaker FB1-63 4P B 50A 6kA ECO	50	3	60	0,448	1,344	26,880
	FB1B4063	Miniature circuit breaker FB1-63 4P B 63A 6kA ECO	63	3	60	0,448	1,344	26,880

Characteristic C

1P



	FB1C1001	Miniature circuit breaker FB1-63 1P C 1A 6kA ECO	1	12	240	0,103	1,236	24,720
	FB1C1002	Miniature circuit breaker FB1-63 1P C 2A 6kA ECO	2	12	240	0,103	1,236	24,720
	FB1C1003	Miniature circuit breaker FB1-63 1P C 3A 6kA ECO	3	12	240	0,103	1,236	24,720
	FB1C1004	Miniature circuit breaker FB1-63 1P C 4A 6kA ECO	4	12	240	0,105	1,260	25,200
	FB1C1005	Miniature circuit breaker FB1-63 1P C 5A 6kA ECO	5	12	240	0,107	1,284	25,680
	FB1C1006	Miniature circuit breaker FB1-63 1P C 6A 6kA ECO	6	12	240	0,108	1,296	25,920
	FB1C1008	Miniature circuit breaker FB1-63 1P C 8A 6kA ECO	8	12	240	0,109	1,308	26,160
	FB1C1010	Miniature circuit breaker FB1-63 1P C 10A 6kA ECO	10	12	240	0,109	1,308	26,160
	FB1C1013	Miniature circuit breaker FB1-63 1P C 13A 6kA ECO	13	12	240	0,109	1,308	26,160
	FB1C1016	Miniature circuit breaker FB1-63 1P C 16A 6kA ECO	16	12	240	0,110	1,320	26,400
	FB1C1020	Miniature circuit breaker FB1-63 1P C 20A 6kA ECO	20	12	240	0,110	1,320	26,400
	FB1C1025	Miniature circuit breaker FB1-63 1P C 25A 6kA ECO	25	12	240	0,110	1,320	26,400
	FB1C1032	Miniature circuit breaker FB1-63 1P C 32A 6kA ECO	32	12	240	0,111	1,332	26,640
	FB1C1040	Miniature circuit breaker FB1-63 1P C 40A 6kA ECO	40	12	240	0,111	1,332	26,640
	FB1C1050	Miniature circuit breaker FB1-63 1P C 50A 6kA ECO	50	12	240	0,112	1,344	26,880
	FB1C1063	Miniature circuit breaker FB1-63 1P C 63A 6kA ECO	63	12	240	0,112	1,344	26,880

2P



	FB1C2001	Miniature circuit breaker FB1-63 2P C 1A 6kA ECO	1	6	120	0,206	1,236	24,720
	FB1C2002	Miniature circuit breaker FB1-63 2P C 2A 6kA ECO	2	6	120	0,206	1,236	24,720
	FB1C2003	Miniature circuit breaker FB1-63 2P C 3A 6kA ECO	3	6	120	0,206	1,236	24,720
	FB1C2004	Miniature circuit breaker FB1-63 2P C 4A 6kA ECO	4	6	120	0,210	1,260	25,200
	FB1C2005	Miniature circuit breaker FB1-63 2P C 5A 6kA ECO	5	6	120	0,214	1,284	25,680
	FB1C2006	Miniature circuit breaker FB1-63 2P C 6A 6kA ECO	6	6	120	0,216	1,296	25,920
	FB1C2008	Miniature circuit breaker FB1-63 2P C 8A 6kA ECO	8	6	120	0,218	1,308	26,160
	FB1C2010	Miniature circuit breaker FB1-63 2P C 10A 6kA ECO	10	6	120	0,218	1,308	26,160
	FB1C2013	Miniature circuit breaker FB1-63 2P C 13A 6kA ECO	13	6	120	0,218	1,308	26,160
	FB1C2016	Miniature circuit breaker FB1-63 2P C 16A 6kA ECO	16	6	120	0,220	1,320	26,400
	FB1C2020	Miniature circuit breaker FB1-63 2P C 20A 6kA ECO	20	6	120	0,220	1,320	26,400
	FB1C2025	Miniature circuit breaker FB1-63 2P C 25A 6kA ECO	25	6	120	0,220	1,320	26,400
	FB1C2032	Miniature circuit breaker FB1-63 2P C 32A 6kA ECO	32	6	120	0,222	1,332	26,640
	FB1C2040	Miniature circuit breaker FB1-63 2P C 40A 6kA ECO	40	6	120	0,222	1,332	26,640
	FB1C2050	Miniature circuit breaker FB1-63 2P C 50A 6kA ECO	50	6	120	0,224	1,344	26,880
	FB1C2063	Miniature circuit breaker FB1-63 2P C 63A 6kA ECO	63	6	120	0,224	1,344	26,880

3P



Characteristic C	Order code	Full name of	Rated current I _n , A	Packaging, pcs		Gross weight, kg		
				Packaging	Box	Unit	Packaging	Box
	FB1C3001	Miniature circuit breaker FB1-63 3P C 1A 6kA ECO	1	4	80	0,309	1,236	24,720
	FB1C3002	Miniature circuit breaker FB1-63 3P C 2A 6kA ECO	2	4	80	0,309	1,236	24,720
	FB1C3003	Miniature circuit breaker FB1-63 3P C 3A 6kA ECO	3	4	80	0,309	1,236	24,720
	FB1C3004	Miniature circuit breaker FB1-63 3P C 4A 6kA ECO	4	4	80	0,315	1,260	25,200
	FB1C3005	Miniature circuit breaker FB1-63 3P C 5A 6kA ECO	5	4	80	0,321	1,284	25,680
	FB1C3006	Miniature circuit breaker FB1-63 3P C 6A 6kA ECO	6	4	80	0,324	1,296	25,920
	FB1C3008	Miniature circuit breaker FB1-63 3P C 8A 6kA ECO	8	4	80	0,327	1,308	26,160
	FB1C3010	Miniature circuit breaker FB1-63 3P C 10A 6kA ECO	10	4	80	0,327	1,308	26,160
	FB1C3013	Miniature circuit breaker FB1-63 3P C 13A 6kA ECO	13	4	80	0,327	1,308	26,160
	FB1C3016	Miniature circuit breaker FB1-63 3P C 16A 6kA ECO	16	4	80	0,330	1,320	26,400
	FB1C3020	Miniature circuit breaker FB1-63 3P C 20A 6kA ECO	20	4	80	0,330	1,320	26,400
	FB1C3025	Miniature circuit breaker FB1-63 3P C 25A 6kA ECO	25	4	80	0,330	1,320	26,400
	FB1C3032	Miniature circuit breaker FB1-63 3P C 32A 6kA ECO	32	4	80	0,333	1,332	26,640
	FB1C3040	Miniature circuit breaker FB1-63 3P C 40A 6kA ECO	40	4	80	0,333	1,332	26,640
	FB1C3050	Miniature circuit breaker FB1-63 3P C 50A 6kA ECO	50	4	80	0,336	1,344	26,880
	FB1C3063	Miniature circuit breaker FB1-63 3P C 63A 6kA ECO	63	4	80	0,336	1,344	26,880

4P



	FB1C4001	Miniature circuit breaker FB1-63 4P C 1A 6kA ECO	1	3	60	0,412	1,236	24,720
	FB1C4002	Miniature circuit breaker FB1-63 4P C 2A 6kA ECO	2	3	60	0,412	1,236	24,720
	FB1C4003	Miniature circuit breaker FB1-63 4P C 3A 6kA ECO	3	3	60	0,412	1,236	24,720
	FB1C4004	Miniature circuit breaker FB1-63 4P C 4A 6kA ECO	4	3	60	0,420	1,260	25,200
	FB1C4005	Miniature circuit breaker FB1-63 4P C 5A 6kA ECO	5	3	60	0,428	1,284	25,680
	FB1C4006	Miniature circuit breaker FB1-63 4P C 6A 6kA ECO	6	3	60	0,432	1,296	25,920
	FB1C4008	Miniature circuit breaker FB1-63 4P C 8A 6kA ECO	8	3	60	0,436	1,308	26,160
	FB1C4010	Miniature circuit breaker FB1-63 4P C 10A 6kA ECO	10	3	60	0,436	1,308	26,160
	FB1C4013	Miniature circuit breaker FB1-63 4P C 13A 6kA ECO	13	3	60	0,436	1,308	26,160
	FB1C4016	Miniature circuit breaker FB1-63 4P C 16A 6kA ECO	16	3	60	0,440	1,320	26,400
	FB1C4020	Miniature circuit breaker FB1-63 4P C 20A 6kA ECO	20	3	60	0,440	1,320	26,400
	FB1C4025	Miniature circuit breaker FB1-63 4P C 25A 6kA ECO	25	3	60	0,440	1,320	26,400
	FB1C4032	Miniature circuit breaker FB1-63 4P C 32A 6kA ECO	32	3	60	0,444	1,332	26,640
	FB1C4040	Miniature circuit breaker FB1-63 4P C 40A 6kA ECO	40	3	60	0,444	1,332	26,640
	FB1C4050	Miniature circuit breaker FB1-63 4P C 50A 6kA ECO	50	3	60	0,448	1,344	26,880
	FB1C4063	Miniature circuit breaker FB1-63 4P C 63A 6kA ECO	63	3	60	0,448	1,344	26,880