

Table 1A for input fuses of all F5 – (200) 240V inverters

KEB Size	FLA [A] 3 ph.	Input FLA [A] 3ph./1ph.	Housing	Vol.1 / Sec. ?	Vol.2 / Sec. ?	RK5 fuse [A]	Self Protected Manual Motor Controllers [A] 3ph / 1ph	Other fusing *1) [A]
05.F5	2,0	2,8 / 4,0	A	14	-	A: 6 / 10	A: 6.3 / 10	50 140 06 12 / 50 140 06 20
			B	11	4	B: 6 / 10 A	B: 6,3 / 10A	
07.F5	4,1	5,7 / 8,0	A	14	-	A: 10 / 15	A: 10 / 16	50 140 06 20 / 50 140 06 40
			B	11	4	B: 10 / 15 A	B: 10 / 16 A	
09.F5	6,8	9,5 / 14	B	11	4	B: 15 / 20 A	B: 16 / 20 A	B:50 140 06 32 / 50 140 06 63 D: 50 140 06 25 / 50 140 06 40
			D	13	5	D: 15 / 20 A	D: 16 / 20 A	
10.F5	9,6	13,5 / 20	B	11	4	B: 25 / 30 A	B: 20 / 25 A	B:50 140 06 50 / 50 140 06 100 D:50 140 06 35 / 50 140 06 63
			D	13	5	D: 25 / 30	D: 20/ 25 A	
12.F5	15,2	21 / 30	D	13	5	25 / 35 A	D: 25 / 32 A	50 140 06 50 / 50 140 06 100
13.F5	22	28	E	15	6	E: 40	E: 40 A	50 140 06 80
14.F5	28	36	E	15	6	E: 50 A	E: 45 A	50 140 06 100
			G	16	7	G: 50 A	--	
15.F5	42	55	G	16	--	G: 70 A	--	50 140 06 80
			H	17		H: 70 A	--	
16.F5	54	59	H	17	--	H: 90 A	--	
17.F5	68	75	H	17	--	H: 110 A	--	
			R	8		R: 110	--	
18.F5	80	88	R	8	--	R: 125	--	
19.F5	104	115	R	8	--	R: 150	--	
20.F5	130	143	R	8	--	R: 175	--	
21.F5	154	170	R	8	--	R: 200	--	

Table 1B for input fuses of all B6 – (200) 240V inverters

KEB Size	FLA [A] 3 ph.	Input FLA [A] 3ph./1ph.	Housing	Vol.1 / Sec. ?	Vol.2 / Sec. ?	RK5 fuse [A]	Self Protected Manual Motor Controllers [A] 3ph / 1ph	Other fusing *1) [A]
05.B6	2,0	2,8 / 4,0	A	21	--	6	10	--
07.B6	4,1	5,7 / 8,0	A	21	--	10	10	--

Table 2A for input fuses of all F5 – 480V inverters up to housing “ H ”								
KEB size	FLA [A] 3 phase.	Input FLA [A] 3ph.	Housing	Vol.1 / Sec. ?	Vol.2 / Sec. ?	RK5 fuse [A]	Self Protected Manual Motor Controllers [A] 3ph	Other fusing *1) [A]
05.F5	1,1	1,6	A, B	14 11	- 4	A: 5 B:5	A: 6.3 B: 10 A	B:50 140 06 10
07.F5	1,8	2,5	A, B	14 11	- 4	A: 6 B:6	A: 10 B: 10 A	B:50 140 06 16
09.F5	3,4	4,8	A, B, D	14 11 13	- 4 5	A: 10 B: 10 D: 10	A: 10 B: 10 A D: 10 A	B:50 140 06 35 D:50 140 06 12
10.F5	4,8	6,7	B D	11 13	4 5	B: 12 D: 12	B: 12 A D: 12 A	50 140 06 16
12.F5	7,6	10,6	B D	11 13	4 5	B: 15 D: 15	B: 16 A D: 16 A	50 140 06 25
13.F5	11	15,4	D E	13 15	5 6, 9	D: 25 E: 25	D: 25 A E: 25 A	50 140 06 40
14.F5	14	19,6	D E G	13 15 16	5 6, 9 7, 10	D: 30 E: 30 G: 30	D: 30 A E: 30 A -	D:50140 06 40 E:50140 06 50 G:50140 06 32
15.F5	21	27,3	E G H	17 16 17	6, 9 7, 10 8, 11	E: 40 G: 40 H: 40	E: 40 A - -	E:50 140 06 80 G:50140 06 40 H:50140 06 40
16.F5	27	35	E G H	15 16 17	6, 9 7, 10 8, 11	E: 50 G: 50 H: 50	E: 50 A - -	E:5014006 100 G:5014006 63 H:5014006 63
17.F5	34	44	G H	16 17	7, 10 8, 11	G: 60 H: 60	- -	G:5014006 80 H:5014006 80
18.F5	40	52	G H	16 17	7, 10 8, 11	G: 70 H: 70	- -	G:5014006 80 H:5014006 80
19.F5	52	57	H	17	8,11	H: 90	-	H:5014006 100
20.F5	65	72	H	17	8,11	H: 100	-	--

Table 2B for input fuses of all F5 – 480V inverters from housing “ R ” up to “ W ”

KEB size	FLA [A] 3 ph.	Input FLA [A] 3ph.	Housing	Vol.1 / Sec. ?	Vol.2 / Sec. ?	RK5 fuse [A]	UL 489 Circuit breakers [A] 3ph	Other fusing *1) [A]
18.F5	40	52	R	8	12	R: 70	--	R: --
19.F5	52	57	H R	17 8	8,11 12	H: 90 R: 90	-- --	H:5014006 100 R: --
20.F5	65	72	H R	17 8	8,11 12	H: 100 R: 100	-- 150 / DG-frame	-- UL Class L: 250
21.F5	77	86	R	8	12	150	150 / DG-frame	UL Class L: 300
22.F5	96	105	R	8	12	175	150 / DG-frame	UL Class L: 400
23.F5	136	150	R U	8 9	12 13	R: 200 U: 200	200 / FG-frame 200 / FG-frame	UL Class L: 500
24.F5	172	189	R U	8 9	12 13	R: 250 U: 225	250 / FG-frame 250 / FG-frame	--
25.F5	198	218	U	9	13	275	275 / JG-frame	--
26.F5	231	254	U	9	13	300	300 / JG-frame	--
27.F5	264	290	U	9	13	350	350 / JG-frame	--
28.F5	332	365	U W	9 18	13 14	400 400 or 2 x 200	1 x 400 / JG-frame 1 x 400 / JG-frame or 2 x 200 / FG-frame	UL Class L: 800
29.F5	397	437	W	18	14	500 or 2 x 250	1 x 500 / LG-frame or 2 x 250 / FG-frame	UL Class L: 1000
30.F5	455	500	W	18	14	2 x 315	2 x 400 / JG-frame or 1 x 600 / LG-frame	UL Class L: 1200
31.F5	545	600	W	18	14	2 x 350	2 x 400 / JG-frame	--
32.F5	630	680	W	18	14	2 x 400	2 x 400 / JG-frame	--

Table 2C for input fuses of all F5 – 480V inverters for housing “ P ”

KEB size	FLA [A] 3 ph.	Input FLA [A] 3ph.	Housing	Vol.1 / Sec. ?	Vol.2 / Sec. ?	RK5 fuse [A]	UL 489 Circuit breakers [A] 3ph	Other fusing *1) [A]
28.F5	320	336	P	19 / 36	--	400	400 / JG-frame	--
29.F5	398	417	P	19 / 36	--	500	500 / LG-frame	--
30.F5	493	517	P	19 / 36	--	600	600 / LG-frame	--
31.F5	545	572	P	19 / 36	--	2 x 350	2 x 350 / JG-frame	--
32.F5	615	646	P	19 / 36	--	2 x 400	2 x 400 / JG-frame	--
33.F5	692	726	P	19 / 36	--	2 x 500	2 x 500 / LG-frame	--
34.F5	828	869	P	19 / 36	--	2 x 500	2 x 500 / LG-frame	--
35.F5	867	910	P	19 / 36	--	3 x 400	3 x 400 / JG-frame	--
36.F5	996	1045	P	19 / 36	--	3 x 500	3 x 500 / LG-frame	--
37.F5	1151	1209	P	19 / 36	--	3 x 600	3 x 600 / LG-frame	--
38.F5	1255	1318	P	19 / 36	--	3 x 600	3 x 600 / LG-frame	--

Table 2D for input fuses of all B6 – (400) 480V inverters (planned / pending)

KEB Size	FLA [A] 3 ph.	Input FLA [A] 3ph./1ph.	Housing	Vol.1 / Sec. ?	Vol.2 / Sec. ?	RK5 fuse [A]	Self Protected Manual Motor Controllers [A] 3ph / 1ph	Other fusing *1) [A]
05.F5	1,1	1,6	A	21	--	A: 5	A: 6.3	--
07.F5	1,8	2,5	A	21	--	A: 6	A: 10	--
09.F5	3,4	4,8	A	21	--	A: 10	A: 10	--
10.F5	4,8	6,7	A	21	--	A: 12	A: 16	--
12.F5	7,6	10,6	A	21	--	A: 15	A: 16	--

Table 3A for input fuses of special inverters and units

KEB size	FLA [A] DC	Input FLA [A] 3ph.	Housing	Vol.2 / Sec. ?	Input fuse RK5 [A]	Input fuse Other [A]	AC - Fuse model Other	DC bus fuse [A]	DC – bus Fuse model
14.R4	23	18	G	2	---	32	50 140 06 32 / SIBA	35	A100P 35 - 4 / Ferraz -Shawmut
18.R4	40	36	G	2	---	80	50 140 06 80 / SIBA	80	A100P 80 - 4 / Ferraz -Shawmut
22.R4	120	100	R	3	---	500	JLS / Littelfuse		A100P 250 - 4 / Ferraz -Shawmut
15.R6	32	26A for 240/480V	E	16	50	40	3NC2 240 / Siemens	50	3NE8-717-1 / Siemens 170M1364-1 / Bussmann
19.R6	80	65A for 240/480V	E	16	90	100	3NC2 200 / Siemens	125	3NE8-722-1 / Siemens 170M1368-1 / Bussmann

Table 3B for input fuses of special inverters

KEB size	FLA [A] 3 ph.	Input FLA [A] 3ph.	Housing	Vol.1 / Sec. ?	Vol.2 / Sec. ?	RK5 fuse [A]	Self Protected Manual Motor Controllers [A] 3ph	Other fusing *1) [A]
02/04/06.W6	different	max 13.2	Special	20	---	16	16	---