

Switch fuses 20-1250A

Fuseblock switch fuse range
DIN/BS/NFC Fuse patterns

- main switches
- motor circuit switches (AC 23 ratings)
- isolator switches
- local safety switches
- IEC 60947-3 / 60969-1 / 60969-2
- DIN 43620
- VDE 0636-10 / 0660 (Part 107)



Thermal current I _{th} (40°C)		CD 20 A	CD 32 A	CD 50 A	CD 63 A	CD 100 A
Frame size		0	0	11	12	13
Rated insulation voltage U _i (V)		800	800	750	750	750
Rated impulse withstand voltage U _{imp} (kV)		8	8	8	8	8
Rated operational currents I_e (A)						
Rated voltage	Load duty					
400 VAC	AC-22 A	20	32	50	63	100
	AC-23 A	20	32	50	63	100
690 VAC	AC-22 A	20	32	50	63	100
	AC-23 A	20	32	50	63	100
220 VDC	DC-22 A	-	32	50	63	100
	DC-23 A	-	-	40	40	100
400 VDC	DC-22 A	-	-	50	63	100
	DC-23 A	-	-	40	40	100
Operational power in AC-23						
At 400 VAC without pre-break AC	kW	9	15	25	30	51
At 690 VAC without pre-break AC	kW	15	25	45	55	90
Reactive power						
At 400 VAC	kvar	8	15	23	28	45
Fuse protected short-circuit characteristics BS88/DIN						
Prospective short-circuit current	kA rms	80	80	100	80/100	80/100
Associated fuse rating	A	20	32	50	63/63	100/100
Overload capacity						
Fuse switch cut-off	kA peak	5.5	5.5	7.6	10.6	20
Fuse selection (maximum fuse size)						
NFC (cylindrical)			10 x 38	14 x 51		
BS88		A1	A1		A2-A3	A4
DIN			-		C00	
Connection						
Minimum Cu cable section	mm ²	2.5	2.5	6	10	25
Maximum Cu busbar width	mm ²	16	16	25	25	95
Maximum busbar width	mm	-	-	-	-	20
Min. tightening torque	Nm	2	2	6	6	9
Mechanical characteristics						
Endurance (number of operating cycles)		20 000	20 000	10 000	10 000	10 000
Frame pitch	mm	-	-	27	32	36
Dimensions						
High	mm	98	98	118	118	162
Wide	mm	96	96	121	136	148
Deep	mm	83	83	87	132	132



CD 125 A	CD 160 A	CD 200 A	CD 250 A	CD 315 A	CD 400 A	CD 630 A	CD 800 A	CD 1250 A
13	14	15	15	16	16	17	17	18
750	750	750	750	800	800	1000	1000	1000
8	8	8	8	8	8	12	12	12
125	160	200	250	315	400	630	800	1250
125	160	200	250	315	400	630	800	1250
125	160	200	250	315	315	500	800	800
100	125	200	250	250	250	315	630	630
125	160	200	250	250	315	315	800	1250
100	125	200	200	200	200	400	800	1250
125	160	200	250	250	315	315	800	1000
100	125	200	200	200	250	400	800	1000
63	80	100	132	160	220	355	450	560
90	110	150	220	220	220	295	400	400
55	75	90	115	145	185	290	365	460
80/100	80/100	80/-	80/100	80/-	80/100	80/100	80/100	-/100
125/125	160/160	200/-	250/250	315/-	400/400	630/630	800/800	-/1250
20	22.7	32.5	32.5	40	40	70	80	90
22 x 58	-	-						
-	A4	A4	B1-B2-B3	B1-B2-B3	B2-B3-B4	C1-C2	C1-C2-C3	D1
C00	00	-	1	-	2	3	3	4
35	50	95	95	185	185	2 x 150	2 x 185	-
95	95	240	240	240	240	2 x 300	2 x 300	4 x 185
20	20	32	32	45	45	63	63	80
9	9	20	20	20	20	40	40	40
10 000	10 000	10 000	10 000	10 000	10 000	8000	8000	5000
36	50	60	60	66	66	94	94	120
162	162	195	195	205	205	300	300	300
148	190	234	234	252	252	364	364	442
132	137	146	146	149	149	250	250	289