

Applications

GS1 switch-disconnector fuses provide on-load breaking and making, safe isolation and overcurrent protection. They are used, in particular, on the incoming supply for control panels, for protecting and switching off main supply. They provide simultaneous disconnection, together with all the other associated functions such as padlocking. Their compact design means that they can also be fitted in small automation system equipment to provide



Fuse type	NF C or DIN									
Rated thermal current (I_{th})	32 A	50 A	63 A	100 A	125 A	160 A	250 A	400 A	630 A	1250 A
Number of poles	3 3 + Nc		3 or 4							
Fuse size	10 x 38	14 x 51	T000	22 x 58	22 x 58 T00	T0 T00	T1	T2	T3	T4
Internal operator, packlockable	Front		Side					Side or front		
External operator, padlockable and lockable	Side or front							Side or front		
Rated operational voltage (U_e)	690 V									
Rated operational current (I_e) at 400 V, AC-23A	32 A	50 A	63 A	100 A	125 A	160 A	250 A	400 A	630 A	1250 A
Rated breaking capacity at 400 V, AC-23B	256 A	400 A	500 A	800 A	1000 A	1280 A	2000 A	3200 A	5040 A	10 000
Rated making capacity at 400 V, AC-23B	320 A	500 A	630 A	1000 A	1250 A	1600 A	2500 A	4000 A	6300 A	12 500
Rated rms conditional short circuit current at 400 V, with gG (gl) fuses	100 kA	100 kA	100 kA	100 kA	100 kA	100 kA	100 kA	100 kA	100 kA	100 kA
Switch-disconnector-fuse type references	GS1-DD	GS1-	GS1-	GS1-	GS1- or KK	GS1- or LL	GS1-	GS1- QQ	GS1-	GS1-
Pages	23024/2 and 23024/3									

protection.
 circuits (including emergency stop).
 and interlocking..
 disconnect and protection functions on the incoming supply of equipment, generators, starters or motors



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32 A	63 A	100 A	160 A	200 A	250 A	315 A	400 A	630 A	800 A	1250 A
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A1	A2-A3	A4 $\varnothing \leq 31$ mm	A4-B1-B2	B1-B2	B1...B3	B1...B3	B1...B4	C1-C2	C1...C3	D1
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Front	Side	Side or front
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Side or front	Side or front
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32 A	63 A	100 A	160 A	200 A	250 A	315 A	400 A	630 A	800 A	1000 A
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256 A	500 A	800 A	1280 A	1600 A	2000 A	2520 A	3200 A	5040 A	6400 A	10 000 A
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320 A	630 A	1000 A	1600 A	2000 A	2500 A	3150 A	4000 A	6300 A	8000 A	8000 A
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100 kA	100 kA	100 kA	80 kA	100 kA	80 kA	80 kA	80 kA	100 kA	100 kA	100 kA
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GS1-	GS1-GB	GS1-JB	GS1-LB or LLB	GS1-	GS1-NB	GS1-	GS1-QQB	GS1-SB	GS1-TB	GS1-VB
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