



HRC Fuse links, DIN-type

Technical data

Standards:

- ▶ EN/IEC 60269-1-2, DIN
- ▶ VDE 0636, DIN 43620
- ▶ SFS 6000-8-801 (801.473.2) /2000
- ▶ SFS 6000-801/2007

Approvals:

- ▶ Lloyd's Register of Shipping
- ▶ DNV
- ▶ BV

RoHs certificate:

All fuse links are environment friendly and fulfill the requirements by RoHs.

Technical data according to EN/IEC 60269

The fuse links are tested to the following short circuit ratings:

Size			000	00	0	1	2	3	4
Max. current rating, AC	500 V	A	100	160	250	355	500	800	1250
	690 V	A	80	125	160	250	355	500	1000
Max. current rating, DC, time constant <20 ms	250 V	A	100	160			500	800	
	400 V	A			200	250	355	400	1250
	440 V	A				160	160		1000

Size			000...3	4	5
Breaking capacity, AC	500 V	kA	120	120	
	690 V	kA	80	160	160
Breaking capacity, DC	250 V	kA	40		
	400 V	kA	80	80	
	440 V	kA	80	80	80

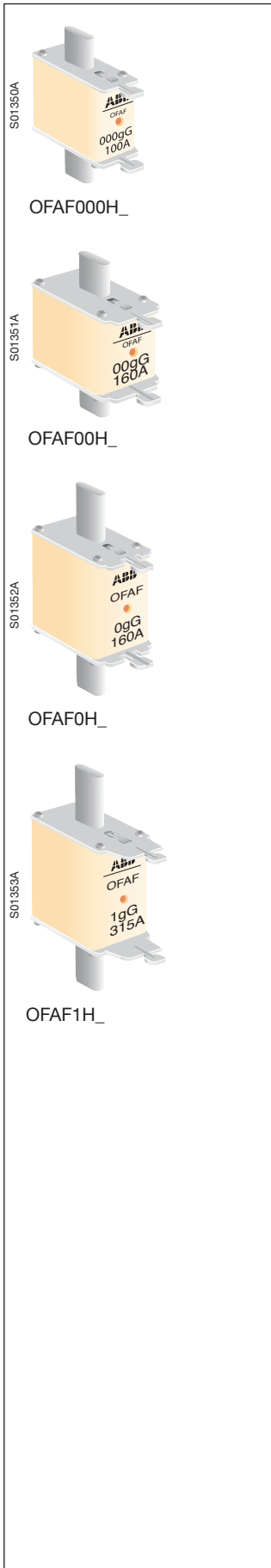
Applications:

- ▶ gG- fuse links for general installation and industrial applications
 - ▶ 500 V / 690 V, OFAF_H_ / OFAA_GG_
 - Low power loss
 - Dual indication up to 630 A
 - ▶ 690 V, OFAA_H_ ja OFAA_H_-H20
 - for industrial applications, see coordination tables:
www.abb.com/Low Voltage products/Software tools/Coordination tables for motor protection
 - H20 -types for demanding industrial applications, silver coating 20µm
- ▶ aM-fuse links for motor protection
 - ▶ 500 V / 690 V, OFAF_AM_ / OFAA_AM_
 - Low power loss
 - Dual indication up to 630 A
 - ▶ 690 V, OFAM_AM_
 - Optimum dimensioning 400 V..690 V for motor protection in industrial applications, see coordination tables:
www.abb.com/Low Voltage products/Software tools/Coordination tables for motor protection
 - H20 -types for demanding industrial applications, silver coating 20µm



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Ordering information



HRC fuse links, gG, universal fuses OFAF_H_, ≤ 500 V

The type code includes one fuse link, the delivery batch is according to the column. Dual indication.

IEC-size	Rated current I _n [A]	Power loss P _b [W]	Type	Order number	Delivery-batch [pcs]	Weight/unit [kg]
000	2	3.9	OFAF000H2	1SCA022627R0230	9	0.12
	4	1.5	OFAF000H4	1SCA022627R0310	9	0.12
	6	1.6	OFAF000H6	1SCA022627R0400	9	0.12
	10	1.1	OFAF000H10	1SCA022627R0580	9	0.12
	16	1.8	OFAF000H16	1SCA022627R0660	9	0.12
	20	2.4	OFAF000H20	1SCA022627R0740	9	0.12
	25	2.4	OFAF000H25	1SCA022627R0820	9	0.12
	32	2.7	OFAF000H32	1SCA022627R0910	9	0.12
	35	3.0	OFAF000H35	1SCA022627R1040	9	0.12
	40	3.4	OFAF000H40	1SCA022627R1120	9	0.12
	50	3.9	OFAF000H50	1SCA022627R1210	9	0.12
	63	4.7	OFAF000H63	1SCA022627R1390	9	0.12
80	5.7	OFAF000H80	1SCA022627R1470	9	0.12	
100	6.7	OFAF000H100	1SCA022627R1550	9	0.12	
00	125	8.4	OFAF00H125	1SCA022627R1630	3	0.18
	160	10.6	OFAF00H160	1SCA022627R1710	3	0.18
0	6	1.8	OFAF0H6	1SCA022627R1800	3	0.21
	10	1.5	OFAF0H10	1SCA022627R1980	3	0.21
	16	2.5	OFAF0H16	1SCA022627R2010	3	0.21
	20	3.5	OFAF0H20	1SCA022627R2100	3	0.21
	25	3.5	OFAF0H25	1SCA022627R2280	3	0.21
	32	3.2	OFAF0H32	1SCA022627R2360	3	0.21
	35	3.5	OFAF0H35	1SCA022627R2440	3	0.21
	40	4.2	OFAF0H40	1SCA022627R2520	3	0.21
	50	5.1	OFAF0H50	1SCA022627R2610	3	0.21
	63	6.2	OFAF0H63	1SCA022627R2790	3	0.21
	80	7.1	OFAF0H80	1SCA022627R2870	3	0.21
	100	8.7	OFAF0H100	1SCA022627R2950	3	0.21
	125	11.0	OFAF0H125	1SCA022627R3090	3	0.21
	160	11.7	OFAF0H160	1SCA022627R3170	3	0.21
	200	15.0	OFAF0H200	1SCA022629R5140	3	0.30
224	16.2	OFAF0H224	1SCA022629R5220	3	0.30	
250	17.8	OFAF0H250	1SCA022629R5310	3	0.30	
1	16	2.5	OFAF1H16	1SCA022627R3250	3	0.28
	20	3.5	OFAF1H20	1SCA022627R3330	3	0.28
	25	3.3	OFAF1H25	1SCA022627R3410	3	0.28
	32	3.2	OFAF1H32	1SCA022627R3500	3	0.28
	35	3.5	OFAF1H35	1SCA022627R3680	3	0.28
	40	4.2	OFAF1H40	1SCA022627R3760	3	0.28
	50	5.1	OFAF1H50	1SCA022627R3840	3	0.28
	63	6.2	OFAF1H63	1SCA022627R3920	3	0.28
	80	7.1	OFAF1H80	1SCA022627R4060	3	0.28
	100	8.7	OFAF1H100	1SCA022627R4140	3	0.28
	125	11.0	OFAF1H125	1SCA022627R4220	3	0.40
	160	11.7	OFAF1H160	1SCA022627R4310	3	0.40
	200	14.5	OFAF1H200	1SCA022627R4490	3	0.40
	224	15.9	OFAF1H224	1SCA022627R4570	3	0.40
	250	19.7	OFAF1H250	1SCA022627R4650	3	0.40
	315	26.0	OFAF1H315	1SCA022627R4730	3	0.40
	355	26.4	OFAF1H355	1SCA022701R4520	3	0.40



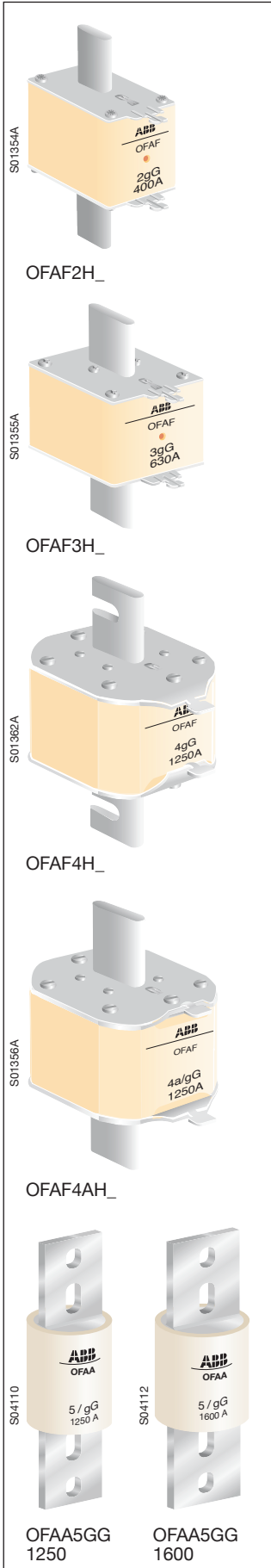
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Ordering information

HRC fuse links, gG, universal fuses OFAF_H_, ≤ 500V

The type code includes one fuse link, the delivery batch is according to the column.
Dual indication on fuse link sizes 2 and 3 up to 630 A.

IEC-size	Rated current I _n [A]	Power loss P _n [W]	Type	Order number	Delivery-batch [pcs]	Weight/unit [kg]
2	25	3.3	OFAF2H25	1SCA115948R1001	3	0.42
	35	3.5	OFAF2H35	1SCA022627R4810	3	0.42
	40	5.1	OFAF2H40	1SCA022627R4900	3	0.42
	50	6.0	OFAF2H50	1SCA022627R5030	3	0.42
	63	7.1	OFAF2H63	1SCA022627R5110	3	0.42
	80	8.6	OFAF2H80	1SCA022627R5200	3	0.42
	100	10.6	OFAF2H100	1SCA022627R5380	3	0.42
	125	11.9	OFAF2H125	1SCA022627R5460	3	0.42
	160	14.0	OFAF2H160	1SCA022627R5540	3	0.42
	200	15.4	OFAF2H200	1SCA022627R5620	3	0.42
	224	19.1	OFAF2H224	1SCA022627R5710	3	0.42
	250	22.5	OFAF2H250	1SCA022627R5890	3	0.42
	300	24.0	OFAF2H300	1SCA022627R5970	3	0.63
	315	26.2	OFAF2H315	1SCA022627R6010	3	0.63
	355	27.5	OFAF2H355	1SCA022627R6190	3	0.63
	400	30.2	OFAF2H400	1SCA022627R6270	3	0.63
425	33.0	OFAF2H425	1SCA022706R3900	3	0.63	
500	44.0	OFAF2H500	1SCA022701R4610	3	0.63	
3	250	17.9	OFAF3H250	1SCA022627R6350	1	0.63
	300	20.0	OFAF3H300	1SCA022627R6430	1	0.63
	315	22.4	OFAF3H315	1SCA022627R6510	1	0.63
	355	23.5	OFAF3H355	1SCA022627R6600	1	0.63
	400	30.1	OFAF3H400	1SCA022627R6780	1	0.63
	425	33.0	OFAF3H425	1SCA022627R6860	1	1.00
	450	36.0	OFAF3H450	1SCA022627R6940	1	1.00
	500	44.0	OFAF3H500	1SCA022627R7080	1	1.00
	630	47.5	OFAF3H630	1SCA022627R7160	1	1.00
	800	56.9	OFAF3H800	1SCA022627R7240	1	0.90
4	400	31.0	OFAF4H400	1SCA022627R7320	1	2.00
	500	35.0	OFAF4H500	1SCA022627R7410	1	2.00
	630	44.0	OFAF4H630	1SCA022627R7590	1	2.00
	800	70.0	OFAF4H800	1SCA022627R7670	1	2.00
	1000	85.0	OFAF4H1000	1SCA022627R7750	1	2.00
4a	1250	93.0	OFAF4H1250	1SCA022627R7830	1	2.00
	500	33.0	OFAF4AH500	1SCA022637R3980	1	2.00
	630	43.0	OFAF4AH630	1SCA022637R4010	1	2.00
	800	58.0	OFAF4AH800	1SCA022637R4100	1	2.00
	1000	71.0	OFAF4AH1000	1SCA022637R4280	1	2.00
5	1250 ¹⁾	78	OFAA5GG1250	1SCA112680R1001	1	3.20
	1600 ¹⁾	111	OFAA5GG1600	1SCA112681R1001	1	4.20



¹⁾ U_n 690 V

