

## DIN Fuse Links

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- Fuse Links comply with DIN dimensional standard DIN43625.
- 'F' range, high performance full range fuse link.
- 'S' range, high performance back-up fuse link, with striker tripping.
- 'A' range, including high current rating back-up fuse link.
- Comply with IEC 60282-1 and VDE 0670 part 4.
- Wide variety of ratings, 3.6 kV to 36 kV.
- Versions suitable for indoor and outdoor use.
- Motor circuit fuse link option.



**Table of ratings for 'S' range 7.2 - 36kV to DIN dimensions**

**Selection Table**

Part Number	Voltage Rating	Current Rating	Breaking Capacity	Minimum Breaking Current	Cold resistance and watts loss in free air at rated current		Joule Integral (I <sup>2</sup> t)		Length mm	Diameter Ø mm	Weight kg
	U <sub>n</sub> kV	I <sub>n</sub> A	I <sub>1</sub> kA	I <sub>3</sub> A	m Ω	W	A <sup>2</sup> s				
							Minimum Pre-Arcing	Maximum Total Clearing			
7.2SDLSJ6.3	7.2	6.3	40	20	205	11	4.8X10 <sup>1</sup>	6.5X10 <sup>2</sup>	292	50.8	1.63
7.2SDLSJ10	7.2	10	40	31	99.7	19	2.5X10 <sup>2</sup>	2.7X10 <sup>3</sup>	292	50.8	1.63
7.2SDLSJ16	7.2	16	40	49	65.1	23	5.5X10 <sup>2</sup>	8.2X10 <sup>3</sup>	292	50.8	1.63
7.2SDLSJ20	7.2	20	40	49	48.9	27	9.7X10 <sup>2</sup>	1.1X10 <sup>4</sup>	292	50.8	1.63
7.2SDLSJ25	7.2	25	40	80	32.6	28	5.7X10 <sup>2</sup>	8.0X10 <sup>3</sup>	292	50.8	1.63
7.2SDLSJ31.5	7.2	31.5	40	100	26.0	36	8.9X10 <sup>2</sup>	1.0X10 <sup>4</sup>	292	50.8	1.63
7.2SDLSJ40	7.2	40	40	114	16.0	36	2.0X10 <sup>2</sup>	2.2X10 <sup>4</sup>	292	50.8	1.63
7.2SDLSJ50	7.2	50	40	143	12.9	46	3.2X10 <sup>2</sup>	3.2X10 <sup>4</sup>	292	50.8	1.63
7.2SDLSJ63	7.2	63	40	180	8.14	45	8.0X10 <sup>2</sup>	7.5X10 <sup>4</sup>	292	50.8	1.63
7.2SFLSJ80	7.2	80	40	264	6.01	54	5.0X10 <sup>3</sup>	6.5X10 <sup>4</sup>	292	76.2	3.1
7.2SFLSJ100	7.2	100	40	338	4.65	64	9.1X10 <sup>3</sup>	1.1X10 <sup>5</sup>	292	76.2	3.1
7.2SFLSJ125	7.2	125	40	375	3.60	79	1.5X10 <sup>4</sup>	1.7X10 <sup>5</sup>	292	76.2	3.1
7.2SFLSJ160	7.2	160	40	525	2.73	97	3.0X10 <sup>4</sup>	3.1X10 <sup>5</sup>	292	76.2	3.1
12SDLSJ6.3	12	6.3	50	20	285	14	7.0X10 <sup>1</sup>	6.5X10 <sup>2</sup>	292	50.8	1.63
12SDLSJ10	12	10	50	28	143	18	3.1X10 <sup>2</sup>	2.7X10 <sup>3</sup>	292	50.8	1.63
12SDLSJ16	12	16	50	35	81.4	26	9.8X10 <sup>2</sup>	8.6X10 <sup>3</sup>	292	50.8	1.63
12SDLSJ20	12	20	50	72	54.6	28	5.7X10 <sup>2</sup>	5.1X10 <sup>3</sup>	292	50.8	1.63
12SDLSJ25	12	25	50	90	43.7	35	8.9X10 <sup>2</sup>	8.1X10 <sup>3</sup>	292	50.8	1.63
12SDLSJ31.5	12	31.5	50	90	32.8	43	1.6X10 <sup>3</sup>	1.5X10 <sup>4</sup>	292	50.8	1.63
12SDLSJ40	12	40	50	128	21.6	49	3.2X10 <sup>3</sup>	2.7X10 <sup>4</sup>	292	50.8	1.63
12SDLSJ50	12	50	50	196	15.1	59	1.3X10 <sup>3</sup>	3.2X10 <sup>4</sup>	292	50.8	1.63
12SDLSJ63	12	63	50	275	12.1	75	2.3X10 <sup>3</sup>	5.7X10 <sup>4</sup>	292	50.8	1.63
12SFLSJ50	12	50	50	160	17.1	61	5.2X10 <sup>3</sup>	4.1X10 <sup>4</sup>	292	76.2	3.1
12SFLSJ63	12	63	50	227	12.1	69	1.0X10 <sup>4</sup>	8.8X10 <sup>4</sup>	292	76.2	3.1
12SFLSJ80	12	80	50	256	8.97	88	1.9X10 <sup>4</sup>	1.5X10 <sup>5</sup>	292	76.2	3.1
12SFLSJ100	12	100	50	446	5.61	83	1.4X10 <sup>4</sup>	2.2X10 <sup>5</sup>	292	76.2	3.1
12SKLSJ125	12	125	50	870	4.60	115	2.8X10 <sup>4</sup>	2.3X10 <sup>5</sup>	292	76.2	3.1
12SKLEJ160	12	160	63	500	4.30	200	1.1X10 <sup>5</sup>	5.0X10 <sup>5</sup>	292	88	3.7
12SKLEJ200	12	200	63	610	3.80	330	1.5X10 <sup>5</sup>	6.5X10 <sup>5</sup>	292	88	3.7
15.5SFMSJ100	15.5	100	25	707	8.23	119	1.2X10 <sup>4</sup>	1.4X10 <sup>5</sup>	442	76.2	4.5
15.5SKMSJ125	15.5	125	25	990	5.61	126	2.4X10 <sup>4</sup>	2.2X10 <sup>5</sup>	442	76.2	4.5
17.5SDLSJ6.3	17.5	6.3	35.5	23	313	15	4.8X10 <sup>1</sup>	6.1X10 <sup>2</sup>	292	50.8	1.63
17.5SDLSJ10	17.5	10	35.5	19	185	23	2.8X10 <sup>2</sup>	4.0X10 <sup>3</sup>	292	50.8	1.63
17.5SDLSJ16	17.5	16	35.5	59	104	34	2.9X10 <sup>2</sup>	2.0X10 <sup>3</sup>	292	50.8	1.63
17.5SDLSJ20	17.5	20	35.5	80	69.2	38	5.7X10 <sup>2</sup>	4.4X10 <sup>3</sup>	292	50.8	1.63
17.5SDLSJ25	17.5	25	35.5	100	55.4	48	8.9X10 <sup>2</sup>	6.6X10 <sup>3</sup>	292	50.8	1.63
17.5SDLSJ31.5	17.5	31.5	35.5	118	41.4	58	5.1X10 <sup>2</sup>	1.1X10 <sup>4</sup>	292	50.8	1.63
17.5SDLSJ40	17.5	40	35.5	148	31.1	76	8.0X10 <sup>2</sup>	1.8X10 <sup>4</sup>	292	50.8	1.63
17.5SFLSJ31.5	17.5	31.5	35.5	118	30.3	37	2.6X10 <sup>3</sup>	1.9X10 <sup>4</sup>	292	76.2	3.1
17.5SFLSJ40	17.5	40	35.5	132	21.9	51	5.1X10 <sup>3</sup>	3.8X10 <sup>4</sup>	292	76.2	3.1
17.5SFLSJ50	17.5	50	35.5	225	17.3	62	8.1X10 <sup>3</sup>	6.0X10 <sup>4</sup>	292	76.2	3.1
17.5SDMSJ6.3	17.5	6.3	35.5	16	509	26	4.8X10 <sup>1</sup>	6.0X10 <sup>2</sup>	442	50.8	2.2
17.5SDMSJ10	17.5	10	35.5	27	215	28	3.1X10 <sup>2</sup>	3.8X10 <sup>3</sup>	442	50.8	2.2
17.5SDMSJ16	17.5	16	35.5	57	112	37	2.9X10 <sup>2</sup>	1.2X10 <sup>4</sup>	442	50.8	2.2
17.5SDMSJ20	17.5	20	35.5	80	79.8	38	5.7X10 <sup>2</sup>	6.7X10 <sup>3</sup>	442	50.8	2.2
17.5SDMSJ25	17.5	25	35.5	100	63.8	52	8.9X10 <sup>2</sup>	1.1X10 <sup>4</sup>	442	50.8	2.2
17.5SDMSJ31.5	17.5	31.5	35.5	100	47.9	61	1.6X10 <sup>3</sup>	2.0X10 <sup>4</sup>	442	50.8	2.2
17.5SDMSJ40	17.5	40	35.5	143	31.6	66	3.2X10 <sup>3</sup>	3.6X10 <sup>4</sup>	442	50.8	2.2
17.5SFMSJ50	17.5	50	35	180	25.0	88	5.2X10 <sup>3</sup>	5.5X10 <sup>4</sup>	442	76.2	4.5
17.5SFMSJ63	17.5	63	35	240	17.8	102	1.0X10 <sup>4</sup>	1.2X10 <sup>5</sup>	442	76.2	4.5
17.5SFMSJ80	17.5	80	35	270	13.1	128	1.9X10 <sup>4</sup>	1.9X10 <sup>5</sup>	442	76.2	4.5
24SDMSJ6.3	24	6.3	50	19	489	24	8.1X10 <sup>1</sup>	1.3X10 <sup>3</sup>	442	50.8	2.2
24SDMSJ10	24	10	50	28	287	35	3.1X10 <sup>2</sup>	5.5X10 <sup>3</sup>	442	50.8	2.2
24SDMSJ16	24	16	50	47	165	60	9.8X10 <sup>2</sup>	1.5X10 <sup>4</sup>	442	50.8	2.2
24SDMSJ20	24	20	50	80	79.3	38	8.1X10 <sup>2</sup>	1.1X10 <sup>4</sup>	442	50.8	2.2
24SDMSJ25	24	25	50	84	62.0	49	1.3X10 <sup>3</sup>	2.0X10 <sup>4</sup>	442	50.8	2.2
24SDMSJ31.5	24	31.5	50	105	46.5	56	2.1X10 <sup>3</sup>	2.9X10 <sup>4</sup>	442	50.8	2.2
24SDMSJ40	24	40	50	140	34.0	79	3.2X10 <sup>3</sup>	4.4X10 <sup>4</sup>	442	50.8	2.2
24SFMSJ40	24	40	50	119	38.0	85	5.1X10 <sup>3</sup>	6.9X10 <sup>4</sup>	442	76.2	4.5
24SFMSJ50	24	50	50	225	27.1	96	8.1X10 <sup>3</sup>	9.0X10 <sup>4</sup>	442	76.2	4.5
24SFMSJ63	24	63	50	306	21.6	128	3.8X10 <sup>3</sup>	5.0X10 <sup>4</sup>	442	76.2	4.5
24SFMSJ71	24	71	50	350	17.7	134	5.0X10 <sup>3</sup>	6.6X10 <sup>4</sup>	442	76.2	4.5
24SHMEJ80	24	80	63	300	20.5	250	1.7X10 <sup>4</sup>	8.4X10 <sup>4</sup>	442	64	3.1
24SHMEJ100	24	100	63	350	18.0	350	2.8X10 <sup>4</sup>	9.3X10 <sup>4</sup>	442	64	3.1
24SKMEJ125	24	125	63	420	16.7	171	2.4X10 <sup>4</sup>	8.7X10 <sup>4</sup>	442	78	3.7
24SKMEJ160	24	160	63	320	14.0	279	4.4X10 <sup>4</sup>	1.7X10 <sup>5</sup>	442	88	4.2
36SDQJ3.15	36	3.15	20	-	-	-	-	-	537	50.8	2.9
36SDQJ6.3	36	6.3	35.5	23	684	34	1.0X10 <sup>2</sup>	1.2X10 <sup>3</sup>	537	50.8	2.9
36SDQJ10	36	10	35.5	35	402	44	3.1X10 <sup>2</sup>	3.6X10 <sup>3</sup>	537	50.8	2.9
36SDQJ16	36	16	35.5	70	165	52	4.6X10 <sup>2</sup>	5.1X10 <sup>3</sup>	537	50.8	2.9
36SDQJ20	36	20	35.5	98	117	62	8.9X10 <sup>2</sup>	8.2X10 <sup>3</sup>	537	50.8	2.9
36SDQJ25	36	25	35.5	112	98.0	85	1.2X10 <sup>3</sup>	1.5X10 <sup>4</sup>	537	50.8	2.9
36SFQJ31.5	36	31.5	35.5	116	73.4	96	2.1X10 <sup>3</sup>	2.3X10 <sup>4</sup>	537	76.2	6.0
36SFQJ40	36	40	35.5	178	52.4	116	4.1X10 <sup>3</sup>	3.9X10 <sup>4</sup>	537	76.2	6.0
36SFQJ50	36	50	35.5	255	36.8	133	8.3X10 <sup>3</sup>	8.1X10 <sup>4</sup>	537	76.2	6.0
36SQEJ63	36	63	20	280	35.0	271	1.1X10 <sup>4</sup>	6.2X10 <sup>4</sup>	537	88	6.5

Rating at 64%

## Table of ratings for 'F' range 12 - 24kV to DIN dimensions

Selection Table

Part Number	Voltage Rating	Current Rating	Breaking Capacity	Minimum Breaking Current	Cold resistance and watts loss in free air at rated current		Joule Integral (I <sup>2</sup> t)		Length mm	Diameter Ø mm	Weight kg
	U <sub>n</sub> kV	I <sub>n</sub> A	I <sub>1</sub> kA	I <sub>3</sub> A	m Ω	W	A <sup>2</sup> s				
							Minimum Pre-Arcing	Maximum Total Clearing			
12FDLSJ6.3	12	6.3	50	6.3	208	10	6.9X10 <sup>1</sup>	6.3X10 <sup>2</sup>	292	50.8	1.63
12FDLSJ10	12	10	50	10	116	15	2.2X10 <sup>2</sup>	2.1X10 <sup>3</sup>	292	50.8	1.63
12FDLSJ16	12	16	50	16	55.4	17	8.8X10 <sup>2</sup>	3.9X10 <sup>3</sup>	292	50.8	1.63
12FDLSJ20	12	20	50	20	39.6	20	1.7X10 <sup>3</sup>	7.6X10 <sup>3</sup>	292	50.8	1.63
12FDLSJ25	12	25	50	25	31.2	26	2.8X10 <sup>3</sup>	1.3X10 <sup>4</sup>	292	25.8	1.63
12FDLSJ31.5	12	31.5	50	31.5	26.4	36	2.6X10 <sup>3</sup>	1.3X10 <sup>4</sup>	292	50.8	1.63
12FFLSJ40	12	40	50	40	19.7	42	3.8X10 <sup>3</sup>	3.8X10 <sup>4</sup>	292	76.2	3.16
12FFLSJ50	12	50	50	50	14.8	51	6.8X10 <sup>3</sup>	5.6X10 <sup>4</sup>	292	76.2	3.16
12FFLSJ63	12	63	50	63	12.4	72	5.1X10 <sup>3</sup>	5.4X10 <sup>4</sup>	292	76.2	3.16
12FXLSJ80	12	80	50	80	7.94	72	2.2X10 <sup>4</sup>	1.1X10 <sup>5</sup>	292	88	4
12FXLSJ100	12	100	50	100	5.64	82	4.2X10 <sup>4</sup>	2.0X10 <sup>5</sup>	292	88	4
24FDMSJ6.3	24	6.3	35.5	6.3	437	21	6.8X10 <sup>1</sup>	5.4X10 <sup>2</sup>	442	50.8	2.2
24FDMSJ10	24	10	35.5	10	218	29	2.7X10 <sup>2</sup>	2.1X10 <sup>3</sup>	442	50.8	2.2
24FDMSJ16	24	16	35.5	16	118	39	8.2X10 <sup>2</sup>	2.7X10 <sup>3</sup>	442	50.8	2.2
24FDMSJ20	24	20	35.5	20	82.2	43	1.6X10 <sup>3</sup>	5.1X10 <sup>3</sup>	442	50.8	2.2
24FDMSJ25	24	25	35.5	25	54.7	48	3.4X10 <sup>3</sup>	1.2X10 <sup>4</sup>	442	50.8	2.2
24FDMSJ31.5	24	31.5	35.5	31.5	48.6	71	3.2X10 <sup>3</sup>	1.2X10 <sup>4</sup>	442	50.8	2.2
24FFMSJ25	24	25	35.5	25	58.6	47	3.4X10 <sup>3</sup>	1.1X10 <sup>4</sup>	442	76.2	4.5
24FFMSJ31.5	24	31.5	35.5	31.5	48.8	70	4.7X10 <sup>3</sup>	1.5X10 <sup>4</sup>	442	76.2	4.5
24FFMSJ40	24	40	35.5	40	38.4	85	7.6X10 <sup>3</sup>	2.5X10 <sup>4</sup>	442	76.2	4.5
24FFMSJ45	24	45	35.5	45	31.4	92	7.2X10 <sup>3</sup>	3.0X10 <sup>4</sup>	442	76.2	4.5

## Table of ratings for 'A' range 3.6 - 24kV to DIN dimensions

Selection Table

Part Number	Voltage Rating	Current Rating	Breaking Capacity	Minimum Breaking Current	Cold resistance and watts loss in free air at rated current		Joule Integral (I <sup>2</sup> t)		Length mm	Diameter Ø mm	Weight kg
	U <sub>n</sub> kV	I <sub>n</sub> A	I <sub>1</sub> kA	I <sub>3</sub> A	m Ω	W	A <sup>2</sup> s				
							Minimum Pre-Arcing	Maximum Total Clearing			
3.6ADOSJ6.3	3.6	6.3	40	13	158	9	4.5X10 <sup>1</sup>	1.9X10 <sup>2</sup>	192	50.8	1.1
3.6ADOSJ10	3.6	10	40	31	79.2	11	2.3X10 <sup>2</sup>	9.7X10 <sup>2</sup>	192	50.8	1.1
3.6ADOSJ16	3.6	16	40	49	50.8	18	5.5X10 <sup>2</sup>	2.4X10 <sup>3</sup>	192	50.8	1.1
3.6ADOSJ20	3.6	20	40	49	38.1	21	9.8X10 <sup>2</sup>	4.2X10 <sup>3</sup>	192	50.8	1.1
3.6ADOSJ25	3.6	25	40	106	28.9	25	1.3X10 <sup>3</sup>	1.2X10 <sup>3</sup>	192	50.8	1.1
3.6ADOSJ31.5	3.6	31.5	40	106	19.2	26	2.9X10 <sup>2</sup>	2.7X10 <sup>3</sup>	192	50.8	1.1
3.6ADOSJ40	3.6	40	40	106	11.6	26	8.0X10 <sup>2</sup>	7.5X10 <sup>3</sup>	192	50.8	1.1
3.6ADLSJ6.3	3.6	6.3	40	13	158	9	4.5X10 <sup>1</sup>	1.9X10 <sup>2</sup>	292	50.8	1.63
3.6ADLSJ10	3.6	10	40	13	95.6	13	1.3X10 <sup>2</sup>	5.4X10 <sup>2</sup>	292	50.8	1.63
3.6ADLSJ16	3.6	16	40	20	63.3	22	3.0X10 <sup>2</sup>	1.3X10 <sup>3</sup>	292	50.8	1.63
3.6ADLSJ20	3.6	20	40	31	45.9	25	6.3X10 <sup>2</sup>	2.7X10 <sup>3</sup>	292	50.8	1.63
3.6ADLSJ25	3.6	25	40	106	28.7	25	1.3X10 <sup>2</sup>	1.2X10 <sup>3</sup>	292	50.8	1.63
3.6ADLSJ31.5	3.6	31.5	40	106	19.1	26	2.9X10 <sup>2</sup>	2.7X10 <sup>3</sup>	292	50.8	1.63
3.6ADLSJ40	3.6	40	40	106	11.4	25	8.0X10 <sup>2</sup>	7.5X10 <sup>3</sup>	292	50.8	1.63
12AILSJ100	12	100	31.5	176	5.03	70	1.4X10 <sup>4</sup>	2.0X10 <sup>5</sup>	292	76.2	3.3
17.5AILSJ40	17.5	40	25	78	26.3	58	1.3X10 <sup>3</sup>	1.8X10 <sup>4</sup>	292	76.2	3.3
17.5AILSJ50	17.5	50	25	98	21.1	73	2.0X10 <sup>3</sup>	2.7X10 <sup>4</sup>	292	76.2	3.3
17.5AILSJ63	17.5	63	25	156	12.3	68	5.0X10 <sup>3</sup>	7.0X10 <sup>4</sup>	292	76.2	3.3
17.5AIMSJ100	17.5	100	25	176	7.33	102	1.4X10 <sup>4</sup>	2.0X10 <sup>5</sup>	442	76.2	4.5
24AFMSJ50	24	50	20	137	29.5	102	1.8X10 <sup>3</sup>	2.9X10 <sup>4</sup>	442	76.2	4.5
24AFMSJ63	24	63	20	125	23.6	130	3.2X10 <sup>3</sup>	4.5X10 <sup>4</sup>	442	76.2	4.5
24AIMSJ71	24	71	20	176	15.1	106	6.3X10 <sup>3</sup>	8.5X10 <sup>4</sup>	442	76.2	4.5

**Notes**

- a) 17.5kV fuse links in 10/12 dimensions are offered, since some switchgear in the 10/12 series is suitable for use at higher voltages.
- b) Fuse links listed are normally for indoor use but versions suitable for outdoor use are also available in the same ratings and dimensions. For outdoor versions of the 'S' range, replace the 'S' with a 'T' when ordering - for example 'TDLSJ'
- c) \* All the fuse link code references listed in the preceding tables are for striker fitted versions, for non-striker versions please replace the letter 'S' with the letter 'N' in the code - for example 'SDLNJ'.