

Table of ratings for motor fuses 3.6 - 7.2kV to DIN dimensions

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	Diameter Ø	Weight
	U <sub>n</sub>	I <sub>n</sub>	I <sub>1</sub>	I <sub>3</sub>	m Ω	W	A <sup>2</sup> s				
	kV	A	kA	A			Minimum Pre-Arcing	Maximum Total Clearing	mm	mm	kg
3.6WDOSJ50	3.6	50	50	180	5.36	20	1.8X10 <sup>3</sup>	2.4X10 <sup>4</sup>	192	51	1.1
3.6WDOSJ63	3.6	63	50	225	3.68	21	3.8X10 <sup>3</sup>	4.5X10 <sup>4</sup>	192	51	1.1
3.6WDOSJ80	3.6	80	50	288	2.88	27	6.3X10 <sup>3</sup>	8.0X10 <sup>4</sup>	192	51	1.1
3.6WDOSJ100	3.6	100	50	360	2.16	31	9.8X10 <sup>3</sup>	1.1X10 <sup>5</sup>	192	51	1.1
3.6WDOSJ125	3.6	125	50	450	1.73	39	1.5X10 <sup>4</sup>	2.2X10 <sup>5</sup>	192	51	1.1
3.6WFOSJ160	3.6	160	50	600	1.28	47	3.1X10 <sup>4</sup>	6.2X10 <sup>5</sup>	192	76	2.1
3.6WFOSJ200	3.6	200	50	600	0.938	52	5.7X10 <sup>4</sup>	1.1X10 <sup>6</sup>	192	76	2.1
3.6WDLSJ50	3.6	50	50	152	7.73	27	1.8X10 <sup>3</sup>	2.4X10 <sup>4</sup>	292	51	1.63
3.6WDLSJ63	3.6	63	50	171	5.9	32	3.1X10 <sup>3</sup>	4.5X10 <sup>4</sup>	292	51	1.63
3.6WDLSJ80	3.6	80	50	190	4.12	37	6.3X10 <sup>3</sup>	8.0X10 <sup>4</sup>	292	51	1.63
3.6WDLSJ100	3.6	100	50	190	3.38	46	9.5X10 <sup>3</sup>	1.2X10 <sup>5</sup>	292	51	1.63
3.6WDLSJ125	3.6	125	50	190	2.85	61	1.3X10 <sup>4</sup>	1.8X10 <sup>5</sup>	292	51	1.63
3.6WFLSJ160	3.6	160	50	300	1.74	61	3.4X10 <sup>4</sup>	4.1X10 <sup>5</sup>	292	76	3.16
3.6WFLSJ200	3.6	200	50	300	1.42	80	5.1X10 <sup>4</sup>	7.2X10 <sup>5</sup>	292	76	3.16
3.6WKLSJ250	3.6	250	50	820	0.741	67	1.9X10 <sup>5</sup>	2.4X10 <sup>6</sup>	292	76	3.16
3.6WKLSJ315	3.6	315	50	820	0.507	69	4.0X10 <sup>5</sup>	5.0X10 <sup>6</sup>	292	76	3.16
3.6WKLSJ400	3.6	400	50	820	0.401	90	6.4X10 <sup>5</sup>	7.0X10 <sup>6</sup>	292	76	3.16
7.2WFMSJ25	7.2	25	63	84	33.9	33	1.4X10 <sup>2</sup>	2.1X10 <sup>3</sup>	442	76	5.2
7.2WFMSJ31.5	7.2	31.5	63	96	25.4	40	3.1X10 <sup>2</sup>	4.7X10 <sup>3</sup>	442	76	5.2
7.2WFMSJ40	7.2	40	63	107	17.8	56	6.1X10 <sup>2</sup>	8.0X10 <sup>3</sup>	442	76	5.2
7.2WFMSJ50	7.2	50	63	122	14.8	53	1.2X10 <sup>3</sup>	1.5X10 <sup>4</sup>	442	76	5.2
7.2WFMSJ63	7.2	63	63	133	11.6	61	1.9X10 <sup>3</sup>	3.0X10 <sup>4</sup>	442	76	5.2
7.2WFMSJ80	7.2	80	63	133	8.12	72	3.8X10 <sup>3</sup>	5.8X10 <sup>4</sup>	442	76	5.2
7.2WFMSJ100	7.2	100	63	262	5.33	74	9.8X10 <sup>3</sup>	1.3X10 <sup>5</sup>	442	76	5.2
7.2WFMSJ125	7.2	125	63	300	3.19	70	2.4X10 <sup>4</sup>	2.4X10 <sup>5</sup>	442	76	5.2
7.2WFMSJ160	7.2	160	63	337	2.23	79	5.0X10 <sup>4</sup>	7.0X10 <sup>5</sup>	442	76	5.2
7.2WKMSJ200	7.2	200	63	500	1.79	99	8.8X10 <sup>4</sup>	1.3X10 <sup>6</sup>	442	76	5.2
7.2WKMSJ224	7.2	224	63	500	1.59	110	1.1X10 <sup>5</sup>	1.6X10 <sup>6</sup>	442	76	5.2
7.2WKMSJ250	7.2	250	63	960	1.23	107	2.2X10 <sup>5</sup>	1.6X10 <sup>6</sup>	442	76	5.2
7.2WKMSJ315	7.2	315	63	960	0.869	120	4.5X10 <sup>5</sup>	3.1X10 <sup>6</sup>	442	76	5.2
7.2WKMSJ355	7.2	355	63	1000	0.724	125	6.4X10 <sup>5</sup>	3.9X10 <sup>6</sup>	442	76	5.2

■ Higher Current Ratings

Higher ratings than those tabulated above can be obtained by using fuse links connected in parallel. Special fixing arrangements for connecting up to 3 fuse links in parallel, are available. Please contact Bussmann application engineers for more details. The code designations for these arrangements are given in 'How to Order' (page 61), dimensional drawings are given on page 26.

Table of ratings for motor fuses 2.75 - 5.5kV to USA dimensions

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	Diameter Ø	Weight
	U <sub>n</sub>	I <sub>n</sub>	I <sub>1</sub>	I <sub>3</sub>	m Ω	W	A <sup>2</sup> s				
	kV	A	kA	A			Minimum Pre-Arcing	Maximum Total Clearing	mm	mm	kg
2.75VFRHA*R	2.75	2R	60	180	6.15	52	8.1x10 <sup>3</sup>	2.8x10 <sup>4</sup>	276	76	2.5
2.75VFRHA*R	2.75	3R	60	229	4.04	57	1.9x10 <sup>4</sup>	7.5x10 <sup>4</sup>	276	76	2.5
2.75VFRHA*R	2.75	4R	60	257	2.69	62	4.2x10 <sup>4</sup>	1.4x10 <sup>5</sup>	276	76	2.5
2.75VFRHA*R	2.75	6R	60	525	1.62	65	3.9x10 <sup>4</sup>	3.4x10 <sup>5</sup>	276	76	2.5
2.75VKRHA*R	2.75	9R	60	500	1.15	70	8.8x10 <sup>4</sup>	8.4x10 <sup>5</sup>	276	76	2.5
2.75VKRHA*R	2.75	12R	60	500	1.03	80	1.1x10 <sup>5</sup>	1.2x10 <sup>6</sup>	276	76	2.5
2.75VKRHK*R	2.75	18R	60	500	0.577	140	3.5x10 <sup>5</sup>	3.2x10 <sup>6</sup>	276	76	5.2
2.75VKRHK*R	2.75	24R	60	500	0.514	156	4.5x10 <sup>5</sup>	5.5x10 <sup>6</sup>	276	76	5.2
5.5VFNHA*R	5.5	2R	60	180	8.35	70	8.1x10 <sup>3</sup>	2.8x10 <sup>4</sup>	403	76	3.8
5.5VFNHA*R	5.5	3R	60	229	5.48	77	1.9x10 <sup>4</sup>	7.9x10 <sup>4</sup>	403	76	3.8
5.5VFNHA*R	5.5	4R	60	257	3.65	85	4.2x10 <sup>4</sup>	1.6x10 <sup>5</sup>	403	76	3.8
5.5VFNHA*R	5.5	6R	60	525	2.31	91	3.9x10 <sup>4</sup>	3.6x10 <sup>5</sup>	403	76	3.8
5.5VKNHA*R	5.5	9R	60	500	1.63	99	8.8x10 <sup>4</sup>	8.8x10 <sup>5</sup>	403	76	3.8
5.5VKNHA*R	5.5	12R	60	500	1.45	110	1.1x10 <sup>5</sup>	1.3x10 <sup>6</sup>	403	76	3.8
5.5VKNHK*R	5.5	18R	60	500	0.815	198	3.5x10 <sup>5</sup>	3.4x10 <sup>6</sup>	403	76	7.8
5.5VKNHK*R	5.5	24R	60	500	0.725	220	4.5x10 <sup>5</sup>	5.8x10 <sup>6</sup>	403	76	7.8