

# FERRAZ SHAWMUT DRIVE FUSE SELECTION TABLE

## Allen Bradley Powerflex 700 DC Common Bus 540VDC – 650VDC

540 Volt DC Input	kW Normal Duty	kW Heavy Duty	I <sub>(A)</sub> DC Input	I <sub>(A)</sub> Output	I <sub>(A)</sub> 1 Minute	I <sub>(A)</sub> 3 Seconds	Fuses
20BC8P7	4	3	9.3	8.7	9.9	13.2	HSJ20
20BC011	5.5	4	12.6	11.5	13	17.4	HSJ25
20BC015	7.5	5.5	16.8	15.4	17.2	23.1	HSJ30
20BC022	11	7.5	24	22	24.2	33	HSJ45
20BC030	15	11	33.2	30	33	45	HSJ60
20BC037	18.5	15	40.9	37	45	60	HSJ80
20BC043	22	18.5	47.5	43	56	74	HSJ90
20BC056	30	22	61.9	56	64	86	HSJ110
20BC072	37	30	80.5	72	84	112	HSJ150
20BC085	–	37	80.5	72	108	144	HSJ150
20BC085	45	–	95.1	85	94	128	HSJ200
20BH105	–	45	95.1	85	128	170	HSJ200
20BH105	55	–	117.4	105	116	158	HSJ200
20BH125	–	45	91.9	96	144	168	HSJ150
20BH125	55	–	139.8	125	138	163	HSJ225
20BH140	–	55	117.4	105	158	210	HSJ200
20BH140	75	–	158.4	140	154	210	HSJ300
20DH170	–	75	158.4	140	210	280	HSJ300
20DH170	90	–	192.4	170	187	255	HSJ350
20DH205	–	90	192.4	170	255	313	HSJ350
20DH205	110	–	232	205	220	289	HSJ400

  

650 Volt DC Input	kW Normal Duty	kW Heavy Duty	I <sub>(A)</sub> DC Input	I <sub>(A)</sub> Output	I <sub>(A)</sub> 1 Minute	I <sub>(A)</sub> 3 Seconds	Fuses
20BD8P0	5	3	8.1	8	8.8	12	HSJ15
20BD011	7.5	5	11.1	11	12.1	16.5	HSJ20
20BD014	10	7.5	14.7	14	16.5	22	HSJ30
20BD022	15	10	23.3	22	24.2	33	HSJ45
20BD027	20	15	28.9	27	33	44	HSJ60
20BD034	25	20	36.4	34	40.5	54	HSJ70
20BD040	30	25	42.9	40	51	68	HSJ80
20BD052	40	30	55.7	52	60	80	HSJ100
20BD065	50	40	69.7	65	78	104	HSJ150
20BR077	–	50	67.9	65	98	130	HSJ150
20BR077	60	–	84.5	77	85	116	HSJ150
20BR096	–	60	84.5	77	116	154	HSJ150
20BR096	75	–	105.3	96	106	144	HSJ200
20BR125	–	75	105.3	96	144	168	HSJ200
20BR125	100	–	137.1	125	138	163	HSJ250
20BR156	–	100	137.1	125	188	250	HSJ250
20BR156	125	–	171.2	156	172	234	HSJ300
20BR180	–	125	171.2	156	234	312	HSJ300
20BR180	150	–	204.1	180	198	270	HSJ400

Ferraz Shawmut HSJ fuses are intended to provide both branch circuit and drive protection. Fuse selection must be in accordance with drive manufacturers recommendations and conform to applicable national and local electrical codes. Recommended fuse ratings were selected for the maximum HP specified for the drive by the manufacturer, based on the most currently available information at the time. Fuses shown will minimize the amount of energy passed by the fuse under short circuit conditions, however, in some cases, component damage may result. Recommended HSJ fuse sizes are for non-bypass mode applications only.

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