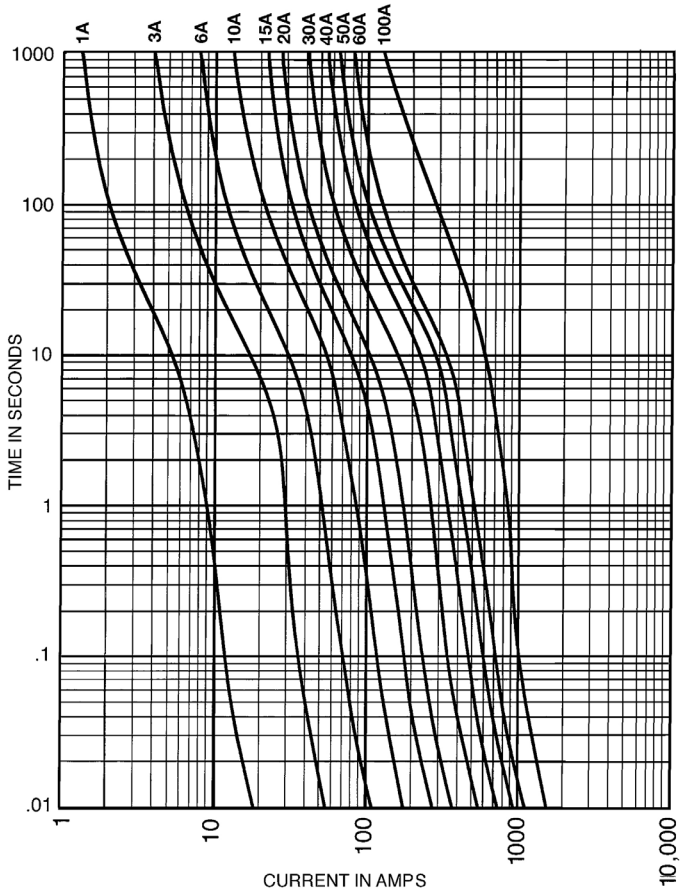
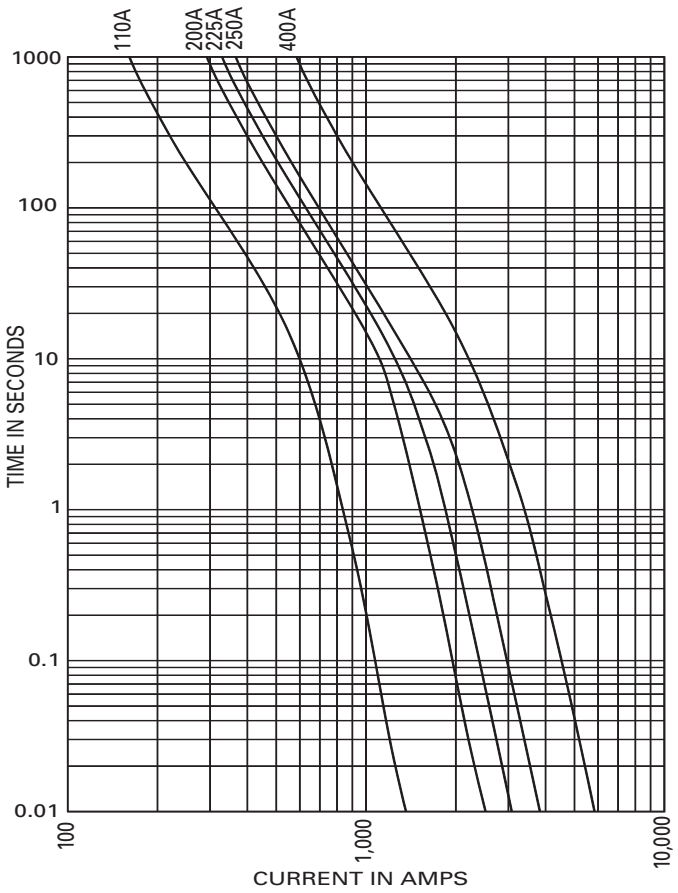
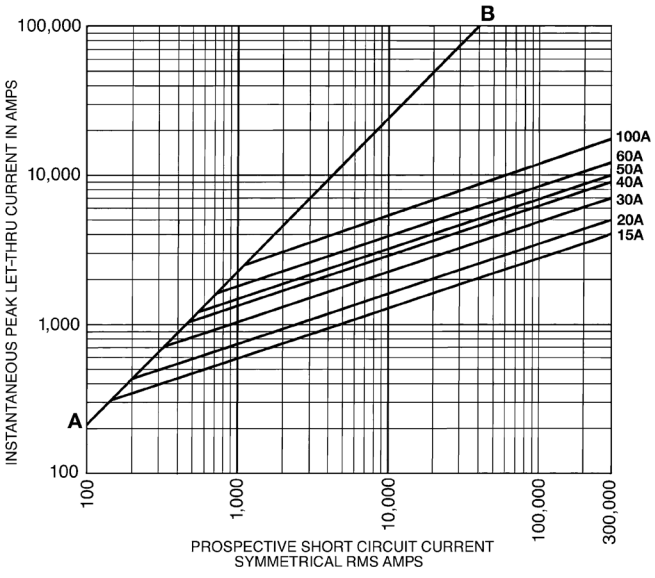
Up to 100 A time-current characteristics — average melt



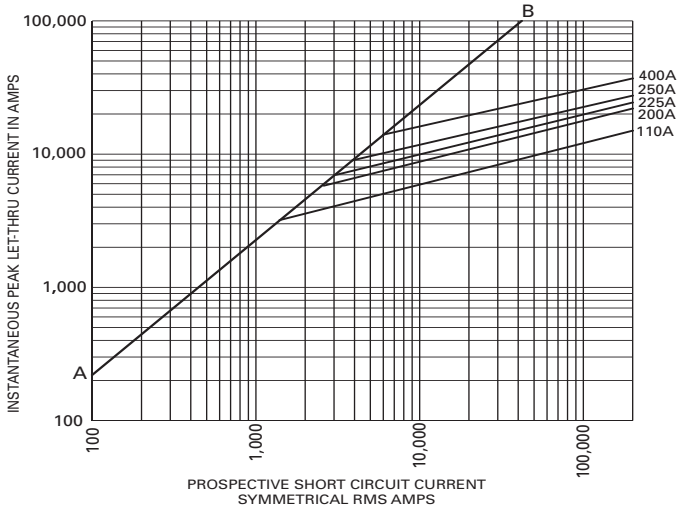
110 to 400 A time-current characteristics — average melt



Up to 100 A current let-through curves



110 to 400 A current let-through curves



Motor sizing table (from NEC Tables 430.248 and 430.250)

Bussmann series TCF Low-Peak time-delay Class CF fuses

Voltage	Motor size (Hp)	Motor FLA (amps)	Min (amps)	NEC code max (amps)	Heavy start* (amps)
115 Vac, 1-phase	0.167	4.4	10	10	10
	0.25	5.8	10	15	15
	0.333	7.2	15	15	15
	0.5	9.8	15	20	20
	0.75	13.8	25	25	30
	1	16	25	30	35
	1.5	20	30	35	45
	2	24	40	45	50
	3	34	50	60	70
	5**	56	90	100	125
	7.5	80	125	150	175
	10	100	150	175	225
230 Vac, 1-phase	0.167	2.2	6	6	6
	0.25	2.9	6	6	6
	0.333	3.6	6	10	10
	0.5	4.9	10	10	10
	0.75	6.9	15	15	15
	1	8	15	15	17.5
	1.5	10	15	20	20
	2	12	20	25	25
	3	17	25	30	35
	5	28	45	50	60
	7.5	40	60	70	90
	10**	50	80	90	110
200 Vac, 3-phase	0.5	2.5	6	6	6
	0.75	3.7	6	10	10
	1	4.8	10	10	10
	1.5	6.9	15	15	15
	2	7.8	15	15	17.5
	3	11	17.5	20	20
	5	17.5	30	35	35
	7.5	25.3	40	45	50
	20**	62.1	100	110	125
	25	78.2	125	150	175
	30	92	150	175	200
	40	120	200	225	250
	50	150	225	300	300
	60	177	300	350	350
208 Vac, 3-phase	0.5	2.4	6	6	6
	0.75	3.5	6	10	10
	1	4.6	10	10	10
	1.5	6.6	10	15	15
	2	7.5	15	15	15
	3	10.6	17.5	20	20
	5	16.7	25	30	35
	7.5	24.2	40	45	50
	20**	59.4	90	110	125
	25	74.8	125	150	150
	30	88	150	175	175
	40	114	175	200	250
	50	143	225	300	300
	60	169	300	300	350
230 Vac, 3-phase	0.5	2.2	6	6	6
	0.75	3.2	6	6	6
	1	4.2	10	10	10
	1.5	6	10	15	15
	2	6.8	15	15	15
	3	9.6	15	20	20
	5	15.2	25	30	30
	7.5	22	35	40	45
	20**	54	90	100	110
	25	68	110	125	150
	30	80	125	150	175
	40	104	175	200	225
	50	130	200	250	250
	60	154	250	300	300
	75	192	300	350	400
460 Vac, 3-phase	0.5	1.1	3	3	3
	0.75	1.6	3	3	3
	1	2.1	6	6	6
	1.5	3	6	6	6
	2	3.4	6	6	6
	3	4.8	10	10	10
	5	7.6	15	15	15
	7.5	11	17.5	20	20
	10	14	25	25	30
	15	21	35	40	45
	20	27	40	50	60
	50**	65	100	125	125
	60	77	125	150	150
	75	96	150	175	200
	100	124	200	225	250
	125	156	250	300	350
	150	180	300	350	400

Note: Use NEC code max column for low to moderate reverse/jog/plug applications.

* Heavy Start permitted only if NEC code max does not allow motor start-up.
** If equipment terminations are rated for 60°C conductors only, the 60°C conductor ampacities must be utilized and therefore larger conductor sizes or conduit sizes may be required.