

3 Phase 2400 Volt Typical Primary Fuse Sizing Chart										
Trans- former Rating kVA ¹	Full Load Amperes	2" Ferrule mounting			3" Ferrule mounting (single and double)			Bolt on		Clip Lock
		9F60 EJ "C"	9F60 EJO "C"	A055F	9F60 EJ "D"	9F60 EJO "D"	A055F	A055B	A055C	
9	2.2	9F60CCB005 *	9F60DJB005	A055F1C0R0-5E	-	-	-	-	-	
15	3.6	9F60CCB010 *	9F60DJB010	A055F1C0R0-7E	-	-	-	-	-	
30	7.2	9F60CCB020 *	9F60DJB020	A055F1C0R0-10E	-	-	A055F1D0R0-10E	A055B1DAR0-10E	A055C1D0R0-10E	
45	11	9F60CCB025 *	9F60DJB025	A055F1C0R0-15E	-	-	A055F1D0R0-15E	A055B1DAR0-15E	A055C1D0R0-15E	
75	18	-	-	A055F1C0R0-25E	9F60ECB030	9F60FJB030	A055F1D0R0-25E	A055B1DAR0-25E	A055C1D0R0-25E	
112.5	27	-	-	A055F1C0R0-40E	9F60ECB050	9F60FJB050	A055F1D0R0-40E	A055B1DAR0-40E	A055C1D0R0-40E	
150	36	-	-	A055F1C0R0-50E	9F60ECB065	9F60FJB065	A055F1D0R0-50E	A055B1DAR0-50E	A055C1D0R0-50E	
225	54	-	-	-	9F60ECB100	9F60FJB100	A055F1D0R0-80E	A055B1DAR0-80E	A055C1D0R0-80E	
300	72	-	-	-	9F60GCB125	9F60HJB125	A055F1D0R0-100E	A055B1DAR0-100E	A055C1D0R0-100E	
500	120	-	-	-	9F60GCB200	9F60HJB200	A055F1D0R0-200E	A055B1DAR0-200E	A055C1D0R0-200E	
750	181	-	-	-	-	-	A055F2D0R0-250E	A055B2DAR0-250E	A055C1D0R0-250E	
1000	241	-	-	-	-	-	A055F2D0R0-400E	A055B2DAR0-400E	A055C1D0R0-400E	
1500	361	-	-	-	-	-	-	A055B2D0R0-500E	A055C2D0R0-500E	
2000	482	-	-	-	-	-	-	A055B2D0R0-600E	A055C2D0R0-600E	

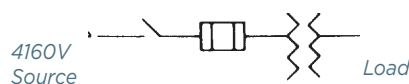
Fuses will carry transformer magnetizing inrush current of 25 times full load amperes for .01 second and 12 times full load current for .1 second. EJO fuses can be used outdoors without an enclosure. ¹The self cooled rating of the transformer. If using a force cooled transformer rating, the fuse E rating must be sized ≥ 1.25 times the force cooled transformer FLA. *Use CEB in place of CCB for 9" clip center fuses.

3 Phase 4160 Volt Typical Primary Fuse Sizing Chart												
Trans- former Rating kVA ¹	Full Load Amp- eres	2" Ferrule mounting				3" Ferrule mounting (single and double)			Bolt on		Clip Lock	
		9F60 EJ "C"	9F60 EJO "C"	9F62 EJO "C"	A055F	9F60 EJO "D"	9F62 EJO "D"	A055F	9F62 EJO "DDDD"	A055B	A055C	
9	1.3	9F60CED005	9F60DJD005	-	A055F1C0R0-5E	-	-	-	-	-	-	
15	2.1	9F60CED007	9F60DJD007	-	A055F1C0R0-5E	-	-	-	-	-	-	
30	4.2	9F60CED015	9F60DJD015	-	A055F1C0R0-7E	-	-	A055F1D0R0-10E	-	A055B1DAR0-10E	A055C1D0R0-10E	
45	6.3	9F60CED015	9F60DJD015	-	A055F1C0R0-10E	-	-	A055F1D0R0-10E	-	A055B1DAR0-10E	A055C1D0R0-10E	
75	10	9F60CED025	9F60DJD025	9F62HCB025	A055F1C0R0-15E	-	-	A055F1D0R0-15E	-	A055B1DAR0-15E	A055C1D0R0-15E	
112.5	16	-	-	9F62HCB030	A055F1C0R0-20E	9F60FJD040	-	A055F1D0R0-20E	-	A055B1DAR0-20E	A055C1D0R0-20E	
150	21	-	-	9F62HCB040	A055F1C0R0-30E	9F60FJD040	-	A055F1D0R0-30E	-	A055B1DAR0-30E	A055C1D0R0-30E	
225	31	-	-	9F62HCB050	A055F1C0R0-40E	9F60FJD065	-	A055F1D0R0-40E	-	A055B1DAR0-40E	A055C1D0R0-40E	
300	42	-	-	-	A055F1C0R0-65E	9F60FJD080	9F62DCB080	A055F1D0R0-65E	-	A055B1DAR0-65E	A055C1D0R0-65E	
500	69	-	-	-	-	9F60FJD100	9F62DCB100	A055F1D0R0-100E	-	A055B1DAR0-100E	A055C1D0R0-100E	
750	104	-	-	-	-	9F60HJD150	9F62DCB150	A055F1D0R0-150E	-	A055B1DAR0-150E	A055C1D0R0-150E	
1000	139	-	-	-	-	9F60HJD200	9F62DCB200	A055F1D0R0-200E	-	A055B1DAR0-200E	A055C1D0R0-200E	
1500	208	-	-	-	-	-	9F62FCB300	A055F2D0R0-300E	-	A055B2DAR0-300E	A055C1D0R0-300E	
2000	278	-	-	-	-	-	9F62FCB350	A055F2D0R0-400E	-	A055B2DAR0-400E	A055C1D0R0-400E	
2500	347	-	-	-	-	-	-	-	9F62KCB500	A055B2D0R0-500E	A055C2D0R0-500E	
3000	417	-	-	-	-	-	-	-	9F62KCB600	A055B2D0R0-600E	A055C2D0R0-600E	
3750	520	-	-	-	-	-	-	-	9F62KCB700	A055B3D0R0-750E	-	
4000	556	-	-	-	-	-	-	-	9F62KCB700	A055B3D0R0-750E	-	
4500	625	-	-	-	-	-	-	-	9F62KCB800	A055B3D0R0-900E	-	
5000	695	-	-	-	-	-	-	-	9F62KCB900	A055B3D0R0-900E	-	

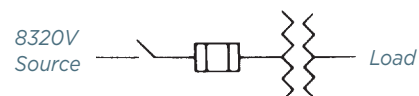
Fuses will carry transformer magnetizing inrush current of 25 times full load amperes for .01 second and 12 times full load current for .1 second. EJO fuses can be used outdoors without an enclosure. ¹The self cooled rating of the transformer. If using a force cooled transformer rating, the fuse E rating must be sized ≥ 1.25 times the force cooled transformer FLA.

EXAMPLES

1. A new installation has a 300kVA transformer with 4160V primary. It is not fully loaded. What is the typical primary fuse recommended?
2. What is the normal fuse size recommended for a 1500kVA transformer with 12,470V primary?



A 65 rating (Mersen A055F1DORO-65E or equivalent) is correct. Lower ratings may open when transformer is energized.



For this application use a 100E rating A155F2DORO-100E or equivalent which will allow normal overload operations of transformer up to 133% of rating.

3 Phase 4800 Volt Typical Primary Fuse Sizing Chart											
Transformer Rating kVA ¹	Full Load Amperes	2" Ferrule mounting				3" Ferrule mounting (single and double)			Bolt on		Clip Lock
		9F60 EJ "C"	9F60 EJO "C"	9F62 EJO "C"	A055F	9F60 EJO "D"	9F62 EJO "D"	A055F	9F62 EJO "DDDD"	A055B	A055C
9	1.1	9F60CED005	9F60DJ005	-	-	-	-	-	-	-	-
15	1.8	9F60CED005	9F60DJ005	-	A055F1C0R0-5E	-	-	-	-	-	-
30	3.6	9F60CED010	9F60DJ010	-	A055F1C0R0-7E	-	-	-	-	-	-
45	5.4	9F60CED015	9F60DJ015	-	A055F1C0R0-10E	-	-	A055F1D0R0-10E	-	A055B1DAR0-10E	A055C1D0R0-10E
75	9.0	9F60CED020	9F60DJ020	9F62HCB025	A055F1C0R0-15E	-	-	A055F1D0R0-15E	-	A055B1DAR0-15E	A055C1D0R0-15E
112.5	14	9F60CED030	9F60DJ030	9F62HCB030	A055F1C0R0-20E	-	-	A055F1D0R0-20E	-	A055B1DAR0-20E	A055C1D0R0-20E
150	18	-	-	9F62HCB040	A055F1C0R0-25E	9F60FJD040	-	A055F1D0R0-25E	-	A055B1DAR0-25E	A055C1D0R0-25E
225	27	-	-	9F62HCB050	A055F1C0R0-40E	9F60FJD065	-	A055F1D0R0-40E	-	A055B1DAR0-40E	A055C1D0R0-40E
300	36	-	-	9F62HCB065	A055F1C0R0-50E	9F60FJD065	-	A055F1D0R0-50E	-	A055B1DAR0-50E	A055C1D0R0-50E
500	60	-	-	-	-	9F60FJD100	9F62DCB080	A055F1D0R0-80E	-	A055B1DAR0-80E	A055C1D0R0-80E
750	90	-	-	-	-	9F60HJD125	9F62DCB125	A055F1D0R0-125E	-	A055B1DAR0-125E	A055C1D0R0-125E
1000	120	-	-	-	-	9F60HJD150	9F62DCB150	A055F1D0R0-200E	-	A055B1DAR0-200E	A055C1D0R0-200E
1500	181	-	-	-	-	-	9F62FCB250	A055F2D0R0-250E	-	A055B2DAR0-250E	A055C1D0R0-250E
2000	241	-	-	-	-	-	9F62FCB350	A055F2D0R0-300E	-	A055B2DAR0-400E	A055C1D0R0-400E
2500	301	-	-	-	-	-	9F62FCB400	A055F2D0R0-400E	-	A055B2DAR0-400E	A055C1D0R0-400E
3000	361	-	-	-	-	-	-	-	9F62KCB500	A055B2D0R0-500E	A055C2D0R0-500E
3750	421	-	-	-	-	-	-	-	9F62KCB600	A055B2D0R0-600E	A055C2D0R0-600E
4000	482	-	-	-	-	-	-	-	9F62KCB700	A055B2D0R0-600E	A055C2D0R0-600E
4500	542	-	-	-	-	-	-	-	9F62KCB700	A055B3D0R0-750E	-
5000	602	-	-	-	-	-	-	-	9F62KCB800	A055B3D0R0-900E	-
5500	662	-	-	-	-	-	-	-	9F62KCB900	A055B3D0R0-900E	-
6000	723	-	-	-	-	-	-	-	9F62KCB900	A055B3D0R0-900E	-

Fuses will carry transformer magnetizing inrush current of 25 times full load amperes for .01 second and 12 times full load current for .1 second. EJO fuses can be used outdoors without an enclosure.

¹ The self cooled rating of the transformer. If using a force cooled transformer rating, the fuse E rating must be sized ≥ 1.25 times the force cooled transformer FLA.

3 Phase 6900 Volt Typical Primary Fuse Sizing Chart							
Transformer Rating kVA ¹	Full Load Amperes	2" Ferrule mounting		3" Ferrule mounting (single and double)			Bolt on
		9F60 EJO "C"	9F62 EJO "C"	9F60 EJO "D"	9F62 EJO "D"	A825X	A072B
9	0.75	9F60DJE003	-	-	-	-	-
15	1.3	9F60DJE005	-	-	-	-	-
30	2.5	9F60DJE010	-	-	-	-	-
45	3.8	9F60DJE010	-	-	-	-	-
75	6.3	-	9F62HCC020	9F60FJE020	-	A825X10E-1	-
112.5	9.4	-	9F62HCC020	9F60FJE025	-	A825X15E-1	-
150	13	-	9F62HCC025	9F60FJE040	-	A825X20E-1	-
225	19	-	9F62HCC040	9F60FJE050	-	A825X25E-1	-
300	25	-	9F62HCC040	9F60FJE065	-	A825X40E-1	-
500	42	-	-	9F60FJE100	9F62DCC065	A825X65E-1	-
750	63	-	-	9F60HJE125	9F62DCC080	A825X80E-1	-
1000	84	-	-	9F60HJE150	9F62DCC150	A825X125E-1	-
1500	126	-	-	-	9F62FCC200	A825X200E-1	-
2000	168	-	-	-	9F62FCC250	-	A072B2D0R0-250E
2500	209	-	-	-	-	-	A072B2D0R0-300E
3000	251	-	-	-	-	-	A072B2D0R0-350E
3500	293	-	-	-	-	-	A072B2D0R0-400E

Fuses will carry transformer magnetizing inrush current of 25 times full load amperes for .01 second and 12 times full load current for .1 second. EJO fuses can be used outdoors without an enclosure.

¹ The self cooled rating of the transformer. If using a force cooled transformer rating, the fuse E rating must be sized ≥ 1.25 times the force cooled transformer FLA.

MAXIMUM FUSE SIZE

The Code allows primary fuses to be sized at 250% of transformer primary current rating or next standard fuse rating. Sizing this large may not provide adequate protection. Maximum fuse size should be determined by making sure the fuse total clearing curve does not exceed transformer damage curve. The transformer manufacturer should be consulted to determine transformer overload and short circuit withstand capability.



3 Phase 7200 Volt Typical Primary Fuse Sizing Chart							
Transformer Rating kVA ¹	Full Load Amperes	2" Ferrule mounting		3" Ferrule mounting (single and double)			Bolt on A072B
		9F60 EJO "C"	9F62 EJO "C"	9F60 EJO "D"	9F62 EJO "D"	A825X	
9	0.72	9F60DJE003	-	-	-	-	-
15	1.2	9F60DJE005	-	-	-	-	-
30	2.4	9F60DJE010	-	-	-	-	-
45	3.6	9F60DJE010	-	-	-	-	-
75	6.0	-	-	9F60FJE020	-	-	-
112.5	9.0	-	9F62HCC020	9F60FJE025	-	-	-
150	12	-	9F62HCC020	9F60FJE040	-	A825X20E-1	-
225	18	-	9F62HCC040	9F60FJE050	-	A825X25E-1	-
300	24	-	9F62HCC040	9F60FJE065	-	A825X40E-1	-
500	40	-	9F62HCC050	9F60FJE100	-	A825X65E-1	-
750	60	-	-	9F60HJE125	9F62DCC080	A825X80E-1	-
1000	80	-	-	9F60HJE150	9F62DCC125	A825X125E-1	-
1500	120	-	-	9F60HJE200	9F62FCC200	A825X200E-1	-
2000	161	-	-	-	9F62FCC200	A825X200E-1	-
2500	201	-	-	-	9F62FCC250	-	A072B2D0R0-250E
3000	241	-	-	-	-	-	A072B2D0R0-300E
3500	281	-	-	-	-	-	A072B2D0R0-350E
4000	321	-	-	-	-	-	A072B2D0R0-400E

Fuses will carry transformer magnetizing inrush current of 25 times full load amperes for .01 second and 12 times full load current for .1 second
EJO fuses can be used outdoors without an enclosure

¹ The self cooled rating of the transformer. If using a force cooled transformer rating, the fuse E rating must be sized ≥ 1.25 times the force cooled transformer FLA.

3 Phase 12,000 Volt Typical Primary Fuse Sizing Chart											
Trans- former Rating kVA ¹	Full Load Amperes	2" Ferrule mounting				3" Ferrule mounting (single and double)			Bolt on		Clip Lock
		9F60 EJ "C"	9F60 EJO "C"	9F62 EJO "C"	A155F	9F60 EJO "D"	9F62 EJO "D"	A155F	9F62 EJO "DDDD"	A155B	A155C
9	0.43	9F60CJH002	9F60DMH002	-	-	-	-	-	-	-	-
15	0.72	9F60CJH003	9F60DMH003	-	-	-	-	-	-	-	-
30	1.4	9F60CJH005	9F60DMH005	-	-	-	-	-	-	-	-
45	2.2	9F60CJH007	9F60DMH007	-	A155F1C0R0-5E	-	-	-	-	-	-
75	3.6	9F60CJH010	9F60DMH010	-	A155F1C0R0-7E	-	-	-	-	-	-
112.5	5.4	-	-	9F62HDD020	A155F1C0R0-10E	9F60FMH020	-	A155F1D0R0-10E	-	A155B1D0R0-10E	A155C1D0R0-10E
150	7.2	-	-	9F62HDD020	A155F1C0R0-10E	9F60FMH025	-	A155F1D0R0-10E	-	A155B1D0R0-10E	A155C1D0R0-10E
225	10.8	-	-	9F62HDD020	A155F1C0R0-15E	9F60FMH030	-	A155F1D0R0-15E	-	A155B1D0R0-15E	A155C1D0R0-15E
300	14	-	-	9F62HDD025	A155F1C0R0-20E	9F60FMH040	-	A155F1D0R0-20E	-	A155B1D0R0-20E	A155C1D0R0-20E
500	24	-	-	-	-	9F60HMH065	-	A155F1D0R0-40E	-	A155B1D0R0-40E	A155C1D0R0-40E
750	36	-	-	-	-	9F60HMH100	9F62DDD065	A155F1D0R0-50E	-	A155B1D0R0-50E	A155C1D0R0-50E
1000	48	-	-	-	-	9F60HMH100	9F62DDD065	A155F1D0R0-65E*	-	A155B1D0R0-65E	A155C1D0R0-65E

Fuses will carry transformer magnetizing inrush current of 25 times full load amperes for .01 second and 12 times full load current for .1 second.
EJO fuses can be used outdoors without an enclosure.

¹ The self cooled rating of the transformer. If using a force cooled transformer rating, the fuse E rating must be sized ≥ 1.25 times the force cooled transformer FLA.

* Use F2 in place of F1 for double barrel fuses.

3 Phase 12,470 Volt Typical Primary Fuse Sizing Chart												
Transformer Rating kVA ¹	Full Load Amperes	2" Ferrule mounting				3" Ferrule mounting (single and double)			9F62 EJO "DDDD"	Bolt on		Clip Lock
		9F60 EJ "C"	9F60 EJO "C"	9F62 EJO "C"	A155F	9F60 EJO "D"	9F62 EJO "D"	A155F		A155B	A155C	
30	1.4	9F60CJH005	9F60DMH005	-	-	-	-	-	-	-	-	
45	2.1	9F60CJH007	9F60DMH007	-	A155F1COR0-5E	-	-	-	-	-	-	
75	3.5	9F60CJH010	9F60DMH010	-	A155F1COR0-7E	-	-	-	-	-	-	
112.5	5.2	-	-	9F62HDD020	A155F1COR0-10E	9F60FMH020	-	A155F1DOR0-10E	-	A155B1DOR0-10E	A155C1DOR0-10E	
150	7.0	-	-	9F62HDD020	A155F1COR0-10E	9F60FMH020	-	A155F1DOR0-10E	-	A155B1DOR0-10E	A155C1DOR0-10E	
225	10	-	-	9F62HDD020	A155F1COR0-15E	9F60FMH025	-	A155F1DOR0-15E	-	A155B1DOR0-15E	A155C1DOR0-15E	
300	14	-	-	9F62HDD025	A155F1COR0-20E	9F60FMH040	-	A155F1DOR0-20E	-	A155B1DOR0-20E	A155C1DOR0-20E	
500	23	-	-	9F62HDD030	A155F1COR0-30E	9F60FMH050	-	A155F1DOR0-30E	-	A155B1DOR0-30E	A155C1DOR0-30E	
750	35	-	-	-	-	9F60HMH065	9F62DDD065	A155F1DOR0-50E	-	A155B1DOR0-50E	A155C1DOR0-50E	
1000	46	-	-	-	-	9F60HMH080	9F62DDD065	A155F1DOR0-65E*	-	A155B1DOR0-65E	A155C1DOR0-65E	
1500	70	-	-	-	-	-	9F62DDD100	A155F1DOR0-100E*	-	A155B1DOR0-100E	A155C1DOR0-100E	
2000	93	-	-	-	-	-	9F62FDD125	A155F2DOR0-125E	-	A155B2DOR0-125E	A155C2DOR0-125E	
2500	116	-	-	-	-	-	9F62FDD150	A155F2DOR0-150E	-	A155B2DOR0-150E	A155C2DOR0-150E	
3000	139	-	-	-	-	-	9F62FDD175	A155F2DOR0-175E	-	A155B2DOR0-200E	A155C2DOR0-200E	
3500	162	-	-	-	-	-	9F62FDD200	A155F2DOR0-200E	-	A155B2DOR0-200E	A155C2DOR0-200E	
4000	185	-	-	-	-	-	-	-	-	A155B3DOR0-250E	A155C3DOR0-250E	
4500	209	-	-	-	-	-	-	-	-	A155B3DOR0-250E	A155C3DOR0-250E	
5000	232	-	-	-	-	-	-	-	9F62KED300	A155B3DOR0-300E	A155C3DOR0-300E	
5500	255	-	-	-	-	-	-	-	9F62KED300	A155B3DOR0-300E	A155C3DOR0-300E	

Fuses will carry transformer magnetizing inrush current of 25 times full load amperes for .01 second and 12 times full load current for .1 second. EJO fuses can be used outdoors without an enclosure.

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* Use F2 in place of F1 for double barrel fuses.

3 Phase 13,200 Volt Typical Primary Fuse Sizing Chart												
Transformer Rating kVA ¹	Full Load Amperes	2" Ferrule mounting				3" Ferrule mounting (single and double)			9F62 EJO "DDDD"	Bolt on		Clip Lock
		9F60 EJ "C"	9F60 EJO "C"	9F62 EJO "C"	A155F	9F60 EJO "D"	9F62 EJO "D"	A155F		A155B	A155C	
9	0.4	9F60CJH002	9F60DMH002	-	-	-	-	-	-	-	-	
15	0.7	9F60CJH003	9F60DMH003	-	-	-	-	-	-	-	-	
30	1.3	9F60CJH005	9F60DMH005	-	-	-	-	-	-	-	-	
45	2.0	9F60CJH007	9F60DMH007	-	A155F1COR0-5E	-	-	-	-	-	-	
75	3.3	9F60CJH010	9F60DMH010	-	A155F1COR0-7E	-	-	-	-	-	-	
112.5	4.9	-	-	-	A155F1COR0-10E	9F60FMH015	-	A155F1DOR0-10E	-	A155B1DOR0-10E	A155C1DOR0-10E	
150	6.6	-	-	-	A155F1COR0-10E	9F60FMH020	-	A155F1DOR0-10E	-	A155B1DOR0-10E	A155C1DOR0-10E	
225	10	-	-	9F62HDD020	A155F1COR0-15E	9F60FMH030	-	A155F1DOR0-15E	-	A155B1DOR0-15E	A155C1DOR0-15E	
300	13	-	-	9F62HDD025	A155F1COR0-20E	9F60FMH040	-	A155F1DOR0-20E	-	A155B1DOR0-20E	A155C1DOR0-20E	
500	22	-	-	9F62HDD030	A155F1COR0-30E	9F60HMH065	-	A155F1DOR0-30E	-	A155B1DOR0-30E	A155C1DOR0-30E	
750	33	-	-	-	-	9F60HMH080	9F62DDD050	A155F1DOR0-50E	-	A155B1DOR0-50E	A155C1DOR0-50E	
1000	44	-	-	-	-	9F60HMH100	9F62DDD065	A155F1DOR0-65E*	-	A155B1DOR0-65E	A155C1DOR0-65E	
1500	66	-	-	-	-	-	9F62DDD100	A155F1DOR0-100E*	-	A155B1DOR0-100E	A155C1DOR0-100E	
2000	88	-	-	-	-	-	9F62FDD125	A155F2DOR0-125E	-	A155B2DOR0-125E	A155C2DOR0-125E	
2500	109	-	-	-	-	-	9F62FDD150	A155F2DOR0-150E	-	A155B2DOR0-150E	A155C2DOR0-150E	
3000	131	-	-	-	-	-	9F62FDD175	A155F2DOR0-200E	-	A155B2DOR0-200E	A155C2DOR0-200E	
3500	153	-	-	-	-	-	9F62FDD200	A155F2DOR0-200E	-	A155B2DOR0-200E	A155C2DOR0-200E	
4000	175	-	-	-	-	-	-	-	-	A155B3DOR0-250E	A155C3DOR0-250E	
4500	197	-	-	-	-	-	-	-	-	A155B3DOR0-250E	A155C3DOR0-250E	
5000	219	-	-	-	-	-	-	-	9F62KED300	A155B3DOR0-300E	A155C3DOR0-300E	
5500	241	-	-	-	-	-	-	-	9C62KED300	A155B3DOR0-300E	A155C3DOR0-300E	

Fuses will carry transformer magnetizing inrush current of 25 times full load amperes for .01 second and 12 times full load current for .1 second. EJO fuses can be used outdoors without an enclosure.

¹ The self cooled rating of the transformer. If using a force cooled transformer rating, the fuse E rating must be sized ≥ 1.25 times the force cooled transformer FLA.

* Use F2 in place of F1 for double barrel fuses.



Primary Fuses for MV 3-PHASE POWER TRANSFORMERS

APPLICATION
INFORMATION

3 Phase 13,800 Volt Typical Primary Fuse Sizing Chart											
Trans- former Rating kVA ¹	Full Load Amp- eres	2" Ferrule mounting				3" Ferrule mounting (single and double)			Bolt on		Clip Lock
		9F60 EJ "C"	9F60 EJO "C"	9F62 EJO "C"	A155F	9F60 EJO "D"	9F62 EJO "D"	A155F	9F62 EJO "DDDD"	A155B	A155C
30	1	9F60CJH005	9F60DMH005	-	-	-	-	-	-	-	-
45	2	9F60CJH007	9F60DMH007	-	A155F1C0R0-5E	-	-	-	-	-	-
75	3	9F60CJH010	9F60DMH010	-	A155F1C0R0-7E	-	-	-	-	-	-
112.5	5	-	-	-	A155F1C0R0-10E	9F60FMH015	-	A155F1D0R0-10E	-	A155B1D0R0-10E	A155C1D0R0-10E
150	6	-	-	-	A155F1C0R0-10E	9F60FMH020	-	A155F1D0R0-10E	-	A155B1D0R0-10E	A155C1D0R0-10E
225	9	-	-	9F62HDD020	A155F1C0R0-15E	9F60FMH030	-	A155F1D0R0-15E	-	A155B1D0R0-15E	A155C1D0R0-15E
300	13	-	-	9F62HDD025	A155F1C0R0-20E	9F60FMH030	-	A155F1D0R0-20E	-	A155B1D0R0-20E	A155C1D0R0-20E
500	21	-	-	9F62HDD030	A155F1C0R0-30E	9F60FMH040	-	A155F1D0R0-30E	-	A155B1D0R0-30E	A155C1D0R0-30E
750	31	-	-	-	-	9F60HMH065	9F62DDD050	A155F1D0R0-50E	-	A155B1D0R0-50E	A155C1D0R0-50E
1000	42	-	-	-	-	9F60HMH080	9F62DDD065	A155F1D0R0-65E*	-	A155B1D0R0-65E	A155C1D0R0-65E
1500	63	-	-	-	-	9F60HMH100	9F62DDD100	A155F1D0R0-100E*	-	A155B1D0R0-100E	A155C1D0R0-100E
2000	84	-	-	-	-	-	9F62FDD125	A155F2D0R0-125E	-	A155B2D0R0-125E	A155C2D0R0-125E
2500	105	-	-	-	-	-	9F62FDD150	A155F2D0R0-150E	-	A155B2D0R0-150E	A155C2D0R0-150E
3000	126	-	-	-	-	-	9F62FDD200	A155F2D0R0-200E	-	A155B2D0R0-200E	A155C2D0R0-200E
3500	147	-	-	-	-	-	9F62FDD200	A155F2D0R0-200E	-	A155B2D0R0-200E	A155C2D0R0-200E
4000	168	-	-	-	-	-	-	-	-	A155B3D0R0-250E	A155C3D0R0-250E
4500	188	-	-	-	-	-	-	-	-	A155B3D0R0-250E	A155C3D0R0-250E
5000	209	-	-	-	-	-	-	-	-	A155B3D0R0-300E	A155C3D0R0-300E
5500	230	-	-	-	-	-	-	-	9F62KED300	A155B3D0R0-300E	A155C3D0R0-300E
6000	251	-	-	-	-	-	-	-	9F62KED300	A155B3D0R0-300E	A155C3D0R0-300E

Fuses will carry transformer magnetizing inrush current of 25 times full load amperes for .01 second and 12 times full load current for .1 second.
EJO fuses can be used outdoors without an enclosure.

¹ The self cooled rating of the transformer. If using a force cooled transformer rating, the fuse E rating must be sized ≥ 1.25 times the force cooled transformer FLA.

* Use F2 in place of F1 for double barrel fuses.

3 Phase 14,400 Volt Typical Primary Fuse Sizing Chart											
Trans- former Rating kVA ¹	Full Load Amp- eres	2" Ferrule mounting				3" Ferrule mounting (single and double)			Bolt on		Clip Lock
		9F60 EJ "C"	9F60 EJO "C"	9F62 EJO "C"	A155F	9F60 EJO "D"	9F62 EJO "D"	A155F	9F62 EJO "DDDD"	A155B	A155C
9	0.4	9F60DMH002	9F60CJH002	-	-	-	-	-	-	-	-
15	0.6	9F60DMH003	9F60CJH003	-	-	-	-	-	-	-	-
30	1.2	9F60DMH005	9F60CJH005	-	-	-	-	-	-	-	-
45	1.8	9F60DMH007	9F60CJH007	-	A155F1C0R0-5E	-	-	-	-	-	-
75	3.0	9F60DMH010	9F60CJH010	-	A155F1C0R0-7E	-	-	-	-	-	-
112.5	5	-	-	-	A155F1C0R0-10E	9F60FMH015	-	A155F1D0R0-10E	-	A155B1D0R0-10E	A155C1D0R0-10E
150	6	-	-	-	A155F1C0R0-10E	9F60FMH020	-	A155F1D0R0-10E	-	A155B1D0R0-10E	A155C1D0R0-10E
225	9	-	-	9F62HDD020	A155F1C0R0-15E	9F60FMH030	-	A155F1D0R0-15E	-	A155B1D0R0-15E	A155C1D0R0-15E
300	12	-	-	9F62HDD020	A155F1C0R0-20E	9F60FMH040	-	A155F1D0R0-20E	-	A155B1D0R0-20E	A155C1D0R0-20E
500	20	-	-	9F62HDD030	A155F1C0R0-30E	9F60FMH050	-	A155F1D0R0-30E	-	A155B1D0R0-30E	A155C1D0R0-30E
750	30	-	-	-	-	9F60FMH080	9F62DDD050	A155F1D0R0-40E	-	A155B1D0R0-50E	A155C1D0R0-50E
1000	40	-	-	-	-	9F60FMH100	9F62DDD065	A155F1D0R0-65E*	-	A155B1D0R0-65E	A155C1D0R0-65E
1500	60	-	-	-	-	-	9F62DDD080	A155F1D0R0-80E*	-	A155B1D0R0-100E	A155C1D0R0-100E
2000	80	-	-	-	-	-	9F62FDD125	A155F2D0R0-125E	-	A155B2D0R0-125E	A155C2D0R0-125E
2500	100	-	-	-	-	-	9F62FDD150	A155F2D0R0-150E	-	A155B2D0R0-150E	A155C2D0R0-150E
3000	120	-	-	-	-	-	9F62FDD175	A155F2D0R0-175E	-	A155B2D0R0-150E	A155C2D0R0-150E
3500	140	-	-	-	-	-	9F62FDD200	A155F2D0R0-200E	-	A155B2D0R0-200E	A155C2D0R0-200E
4000	161	-	-	-	-	-	-	-	-	A155B3D0R0-250E	A155C3D0R0-250E
4500	181	-	-	-	-	-	-	-	-	A155B3D0R0-250E	A155C3D0R0-250E
5000	201	-	-	-	-	-	-	-	-	A155B3D0R0-300E	A155C3D0R0-300E
5500	221	-	-	-	-	-	-	-	9F62KED300	A155B3D0R0-300E	A155C3D0R0-300E
6000	241	-	-	-	-	-	-	-	9F62KED300	A155B3D0R0-300E	A155C3D0R0-300E

Fuses will carry transformer magnetizing inrush current of 25 times full load amperes for .01 second and 12 times full load current for .1 second.
EJO fuses can be used outdoors without an enclosure.

¹ The self cooled rating of the transformer. If using a force cooled transformer rating, the fuse E rating must be sized ≥ 1.25 times the force cooled transformer FLA.

* use F2 in place of F1 for double barrel fuses.

AP

3 Phase 22,000 Volt Typical Primary Fuse Sizing Chart			
Transformer Rating kVA ¹	Full Load Amperes	2" Ferrule mounting	3" Ferrule mounting (single and double)
		9F60 EJO "C"	9F60 EJO "D"
30	0.79	9F60DNJ003	-
45	1.18	9F60DNJ005	-
75	1.97	9F60DNJ007	-
112.5	2.95	9F60DNJ010	-
150	3.93	9F60DNJ010	-
225	5.9	-	9F60FNJ020
300	7.84	-	9F60FNJ020
500	13.1	-	9F60FNJ030
750	19.7	-	9F60FNJ050
1000	26.2	-	9F60HNJ065
1500	39.4	-	9F60HNJ080
2000	52.4	-	9F60HNJ100

Fuses will carry transformer magnetizing inrush current of 25 times full load amperes for .01 second and 12 times full load current for .1 second.
EJO fuses can be used outdoors without an enclosure.

¹ The self cooled rating of the transformer. If using a force cooled transformer rating, the fuse E rating must be sized ≥ 1.25 times the force cooled transformer FLA.

3 Phase 33,000 Volt Typical Primary Fuse Sizing Chart			
Transformer Rating kVA ¹	Full Load Amperes	3" Ferrule mounting (single and double)	
		9F60 EJO "D" with indicator	9F60 EJO "D" without indicator
45	0.79	9F60FPK002	9F60FPT002
75	1.31	9F60FPK005	9F60FPT005
112.5	1.98	9F60FPK005	9F60FPT005
150	2.62	9F60FPK007	9F60FPT007
225	3.96	9F60FPK010	9F60FPT010
300	5.26	9F60FPK015	9F60FPT015
500	8.71	9F60FPK025	9F60FPT025
750	13.1	9F60FPK030	9F60FPT030
1000	17.5	9F60FPK040	9F60FPT040
1500	26.2	9F60HPK065	9F60HPT065
2000	35	9F60HPK065	9F60HPT065
2500	43.7	9F60HPK080	9F60HPT080

Fuses will carry transformer magnetizing inrush current of 25 times full load amperes for .01 second and 12 times full load current for .1 second.
EJO fuses can be used outdoors without an enclosure.

¹ The self cooled rating of the transformer. If using a force cooled transformer rating, the fuse E rating must be sized ≥ 1.25 times the force cooled transformer FLA.