



Reference: - AC690+ Specification

SSDE Division

The AC690+ drive series B, C, D, E and F are now approved for use on supplies with a short circuit current rating (SCCR) up to 50,000A when used with the specified line inductor and branch protection, as appended to this letter. The AC690+ drive series G, H and J are suitable for use on supplies with an SCCR up to 100,000A.

The AC690+ series of drives are approved by UL (Including cUL) and CE according to these ratings.

Line Reactors and Fuses for AC690+ series AC Drives

460V 3 Phase

Frame Size	Drive Catalog number	*Fuse Type CT	VT	Parker SSD part number	MTE part number	Inductance mH	Rated amps
B	690+0001/460/...	AJT6	-	CO470650	RL-00201	12.00	2
B	690+0002/460/...	AJT6	-	CO470651	RL-00402	6.50	4
B	690+0003/460/...	AJT10	-	CO352782	RL-00803	5.00	8
B	690+0005/460/...	AJT12	-	CO470652	RL-00802	3.00	8
B	690+0007/460/...	AJT20	-	CO352783	RL-01202	2.50	12
B	690+0010/460/...	AJT25	-	CO352785	RL-01802	1.50	18
C	690+0010/460/...	AJT25	AJT30	CO352785	RL-01802	1.50	18
C	690+0015/460/...	AJT30	AJT40	CO352786	RL-02502	1.20	25
C	690+0020/460/...	AJT40	AJT50	CO352901	RL-03502	0.80	35
D	690+0025/460/...	AJT50	AJT50	CO352901	RL-03502	0.80	35
D	690+0030/460/...	AJT50	AJT60	CO352902	RL-04502	0.70	45
D	690+0040/460/...	AJT60	AJT80	CO352903	RL-05502	0.50	55
E	690+0050/460/...	AJT80	AJT100	CO352904	RL-08002	0.40	80
E	690+0060/460/...	AJT100	AJT125	CO352904	RL-08002	0.40	80
F	690+0075/460/...	AJT125	AJT150	CO352905	RL-10002	0.30	100
F	690+0100/460/...	AJT150	AJT175	CO352906	RL-13002	0.20	130
F	690+0125/460/...	AJT175	AJT225	CO470057	RL-16002	0.15	160
F	690+0150/460/...	AJT225	-	CO470045	RL-20002	0.11	200
G	690+0200/460/...	A50QS300	A50QS400	CO470046	RL-25002	0.09	250
G	690+0250/460/...	A50QS400	A50QS500	CO470047	RL-32002	0.075	320
G	690+0300/460/...	A50QS500	A50QS500	CO470048	RL-40002	0.06	400
H	690+0350/460/...	A50QS500	A50QS500	CO470049	RL-50002	0.05	500
H	690+0400/460/...	A50QS500	A50QS700	CO470049	RL-50002	0.05	500
H	690+0450/460/...	A50QS700	A50QS800	CO470050	RL-60002	0.04	600
J	690+0500/460/...	A50QS800	A50QS800	CO470050	RL-60002	0.04	600

* Class J, Amp-Trap AJT fuses manufactured by Ferraz-Shawmut. SSD part number CS470754Uxxx (xxx= amps)

*Semiconductor, A50QS fuses manufactured by Ferraz-Shawmut. SSD part number CS470408Uxxx (xxx= amps)



230V 3 Phase

Frame Size	Drive HP	*Fuse Type CT	VT	Parker SSD part number	MTE part number	Inductance mH	Rated amps
B	690+0001/230/...	AJT6	-	CO470653	RL-00401	3.00	4
B	690+0002/230/...	AJT10	-	CO353011	RL-00801	1.50	8
B	690+0003/230/...	AJT15	-	CO470638	RL-01201	1.25	12
B	690+0005/230/...	AJT30	-	CO353012	RL-01801	0.80	18
C	690+0007/230/...	AJT30	AJT40	CO353013	RL-02501	0.50	25
C	690+0010/230/...	AJT40	AJT60	CO353014	RL-03501	0.40	35
D	690+0015/230/...	AJT60	AJT70	CO353015	RL-04501	0.30	45
D	690+0020/230/...	AJT70	AJT80	CO353016	RL-05501	0.25	55
D	690+0025/230/...	AJT80	-	CO353017	RL-08001	0.20	80
E	690+0030/230/...	AJT100	AJT125	CO353017	RL-08001	0.20	80
F	690+0040/230/...	AJT125	AJT150	CO470654	RL-10001	0.15	100
F	690+0050/230/...	AJT150	AJT200	CO353018	RL-13001	0.10	130
F	690+0060/230/...	AJT200	AJT225	CO471264	RL-16001	0.075	160

* Class J, Amp-Trap AJT fuses manufactured by Ferraz-Shawmut. SSD part number CS470754Uxxx (xxx= amps)
 *Semiconductor, A50QS fuses manufactured by Ferraz-Shawmut. SSD part number CS470408Uxxx (xxx= amps)

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