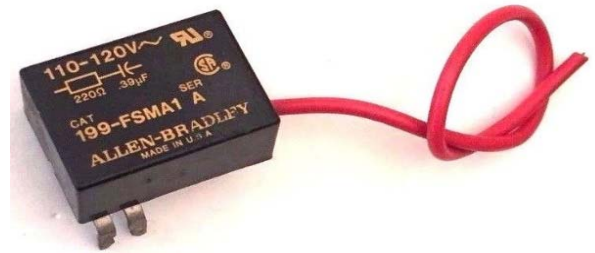


Product Details and Certifications

Cross Reference RA Part Number: 199-FSMA1 B

→ Product: **199-FSMA1**

Description: Surge Suppressor, 12-120V AC



Representative Photo Only (actual product may vary based on configuration sections)

INTERLOCK DATA


Bulletin Number	199, 599 IEC Surge Suppressir
Accessory Selection	Individual Accessory Selection

SELECTION

Surge suppressor Type





Contactor Accessories

For use on Bulletins 500, 500F, 500L, 500FL, 500LP, 502, 502L, 503, 503L, 505, 505V, 506, 506X, 507, 507X, 509, 512, 512H, 512M, 512V, 513, 513H, 513M, 513V, 520, 520V, 522, 523, 530, 532, 533, 540, 542, 543, 570, 572, 573, 1242, 1243, 1272, 1273, 1282, 1283, 1232X, 1232V, 1233X, and 1233V

Description	NEMA Size	Cat. No.	
	0...1	Coils (60 Hz) 115...120V	CB-236
		200...208V	CB-249
		230...240V	CB-254
		460...480V	CB-273
		575...600V	CB-278
	2	115...120V	CC-236
		200...208V	CC-249
		230...240V	CC-254
		460...480V	CC-273
		575...600V	CC-278
	3	115...120V	CD-236
		200...208V	CD-249
		230...240V	CD-254
		460...480V	CD-273
		575...600V	CD-278
	4	115...120V	CE-236
		200...208V	CE-249
		230...240V	CE-254
		460...480V	CE-273
		575...600V	CE-278
5 (SER. L)	115...120V	AF-236	
	200...208V	AF-249	
	230...240V	AF-254	
	460...480V	AF-273	
	575...600V	AF-278	

Note: For complete listing of coils available, see page 1-157

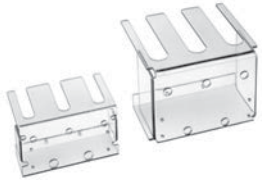


Surge Suppressor — Made to be easily mounted directly across the coil terminals of contactors and starters with 120V or 240V AC coils. The purpose of the suppressor is to limit voltage transients for applications requiring interface with solid-state components. One suppressor is required per coil.


	00*	RC Module AC Operating Mechanism 24...48V AC, 50/60 Hz	100-FSC48
		110...280V AC, 50/60 Hz	100-FSC280
		380...480V AC, 50/60 Hz	100-FSC480
	00*	Varistor Module AC/DC Operating Mechanism 12...55V AC/ 12...77V DC	100-FSV55
		56...136V AC/ 78...180V DC	100-FSV136
		137...277V AC/ 181...350V DC	100-FSV277
		278...575V AC	100-FSV575
		12...120V AC	599-K04
	0...5	240...264V AC Varistor	599-KA04
		12...120V AC	199-FSMA1*
		12...120V AC Varistor	199-GSMA1‡
	7...8	120V AC	700-N24

Cat. No. 100-FSC280

Cat. No. 599-K04

* For non-combination starters only.
* For use on the interposing relay.
‡ For use on the contactor or starter.

Description	NEMA Size	Cat. No.
	0...1	599-TC01N
	2	599-TC2N
	3	599-TC3N
	4	599-TC4N
	5	599-TC5N
	0...1	599-TC01R
	0...2	599-TP02
	3...5	599-TP34

Description	For Use With	No. of Poles	NEMA Size	Cat. No.
	500/F/FL, 500L, 500LP, 505	3	0...1	599-PC01
	509, 505, 520E (2), 520F/G	3	0...1	599-PS01▶
	500L, 500LP	5	0...1	599-PC01-5♦
	520F/G	5	0...1	599-PS01-5▶
	500/F/FL, 500L, 500LP, 505	3	2	599-PC2
	509, 505, 520E (2), 520F/G	3	2	599-PS2▶
	500L, 500LP	5	2	599-PC2-5♦
	520F/G	5	2	599-PS2-5▶
	500/F/FL, 500L, 500LP, 505	3	3	599-PC3
	509, 505, 520E (2), 520F/G	3	3	599-PS3▶
	500L, 500LP	5	3	599-PC3-5♦
	520F/G	5	3	599-PS3-5▶
	500/F/FL, 500L, 500LP, 505	3	4	599-PC4
	509, 505, 520E (2), 520F/G	3	4	599-PS4▶
	500L, 500LP	5	4	599-PC4-5♦
520F/G	5	4	599-PS4-5▶	
500/F/FL, 500L, 500LP	3	5	599-PC5	
509	3	5	599-PS5▶	

Cat. No. 599-PS01

♦ Used on 5-pole contactors and starters.
▶ Bul. 592 Eutectic alloy or solid-state overload relays.