

Accessories — Field Installed

NEMA Non-Combination Contactors/Starters and Combination Contactors/Starters

Contactors Accessories, continued

For use on Bulletins 500, 500F, 500L, 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

1

Timer Attachment Kit — A pneumatic timer attachment may be field installed in the space of two adjacent auxiliary contact blocks. Timing units are available for either ON-Delay or OFF-Delay operation with a timed set of one (1) N.O. and one (1) N.C. snap-action contacts that are electrically isolated.

Repetitive accuracy within the timer range is approximately ±10% provided a minimum reset time of 75 ms is allowed.


Note:

- Sizes 0...5: Timers can be added to the left- or right-hand side of the contactor body. On Size 00 they can be mounted to the front of the contactor.
- Size 0, 1 and 2: Timers cannot be used on the same side as power pole adders.
- Size 2 Devices: The operating coil must be changed. See [T-1678929] and refer to the size 2 operating coil listing. Order the coil listed for a 4-...5-pole device.

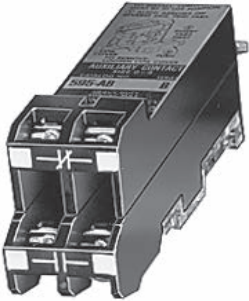
Note: These coils can also be factory installed.

- Enclosed Devices: Please contact your local Rockwell Automation sales office or Allen-Bradley distributor.

Contact Ratings: NEMA A600 (10 A, 600V AC max.)
NEMA P300 (5 A, 300V DC max.)

Description	NEMA Size	Cat. No.
 Cat No. 596-TR32	On-Delay	100-FPTA30
	On-Delay	100-FPTA180
	Off-Delay	100-FPTB30
	Off-Delay	100-FPTB180
Left-hand ON Delay	00§	596-TL32
		596-TL33
		596-TR32
		596-TR33
Left-hand OFF Delay	0...5	596-TL32
		596-TL33
		596-TR32
		596-TR33
Right-hand ON Delay	0...5	596-TR32
		596-TR33
Right-hand OFF Delay	0...5	596-TR33

§ For open type, non-combination starters only.

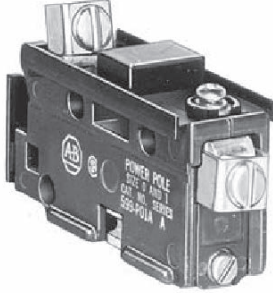
Description	NEMA Size	Cat. No.
 Auxiliary Contact — Contactors	1 N.O.	0...5 595-A
	2 N.O.	0...5 595-AA
	1 N.C.	0...5 595-B
	2 N.C.	0...5 595-BB
	1 N.O. and N.C.	0...5 595-AB
	1 N.C.L.B.	0...5 595-BL
	1 N.O.	6 195-GA10
	1 N.O.	7 ♣ 1495-J6
	2 N.O.	6 195-GA20
	2 N.O.	7...8 ♣ 1495-K6
	2 N.O.	9 ♣ 1495-K8
	1 N.C.	6 195-GB01
	1 N.C.	7...9 ♣ 1495-J6
	2 N.C.	6 195-GB02
	2 N.C.	7...8 ♣ 1495-K6
	2 N.C.	9 ♣ 1495-K8
1 N.O. and N.C.	6 195-GB11	
2 N.O.	7...8 ♣ 1495-K6	
2 N.O.	9 ♣ 1495-K8	
1 N.C.L.B.	6 195-GL01	

♣ The normally open contacts can easily be changed to normally closed in the field.

Power Pole Adders — The 1 N.O. and 1 N.C. power poles may be field added to all size 0...4 Bulletin 500 line contactors and starters except the Bulletin 500L and 500FL. Two- and three-pole contactors will accept a maximum of two adder poles and four-pole devices will accept one adder pole. Each adder pole kit includes a mechanical load balancer to be used when only one power pole is added.

Note: When power poles are added to Size 2, 3, or 4 (2- or 3-pole devices) the operating coil must be changed. Refer to the listing for the size of your contactor or starter. Order the operating coil listed for a 4-...5-pole device.


Note: These coils can also be factory installed.

Description	NEMA Size	Cat. No.
 Cat. No. 599-P01A (1 N.O.) Size 0...1, 27 Amps.	1 N.O.	599-P01A
	1 N.C.	599-P01B
	1 N.C. Late Break	599-P01BL
	1 N.O.	599-P2A
	1 N.C.	599-P2B
	1 N.C. Late Break	599-P2BL
	1 N.O.	599-P3A
	1 N.C.	599-P3B
1 N.O.	4	599-P4A
1 N.C.	4	599-P4B

Contactors Kick-off Springs — For horizontal mounting of 2- or 3-pole Bulletin 500 contactors and starters.


Note: When kick-off springs are added to Size 2, 3 or 4, the operating coil must be changed. Refer to the listing for the size of your contactor or starter. Order the operating coil listed for a 4-pole device.

Note: These coils can also be factory installed.

Description	NEMA Size	Cat. No.
	0...1	599-N11
	2	599-N12
	3	599-N13
	4...5	599-N14

Wire Size	NEMA Size	Cat. No.
Lug Connectors (3 per package)		
#14...8 AWG Wire	0...1	*
#14...4 AWG Wire	2	1494R-N1
#8...1/0 AWG Wire	3	1494R-N2
#6...4/0 AWG Wire	4	1494R-N3
2 of #1/0...350 MCM Wire	5	42450-804-01

* All terminals of the 30 A switches are furnished with self-lifting pressure plate connectors as standard.

Description	NEMA Size	Cat. No.
 Terminal Lug Kit	6	199-LJ1
Terminal Lug Kit	7...8	199-LG1

Accessories — Field Installed

NEMA Non-Combination Contactors/Starters and Combination Contactors/Starters

Disconnect Switch Accessories, continued

For use on Bulletins 502, 502L, 506, 506X, 512, 512H, 512M, 512V, 522, 532, 542, 572, 1242, 1272, 1282, 1232X, and 1232V

1



Cat. No. 1494R-N3

Description		For Use With	Cat. No.
Lug Connectors (3 per package)			
Disconnect Size [A]	Wire Size	1494C, 1494F, 1494G, and 1494V Disconnect Switches	
30	#14...8 AWG Wire		*
60	#14...4 AWG Wire		§ 1494R-N1
100	#8...1/0 AWG Wire		§ 1494R-N2
200	#6...4/0 AWG Wire		§ 1494R-N3
400	#6...250 MCM AWG 16 mm ² ...120 mm ²		1494R-N14
400	#4 AWG...500 MCM Wire (oversized)		1494R-N15
600	(2) of #1/0...350 MCM Wire		§ 1494R-N10
600	(2) of #1/0...350 MCM Wire	1491-N621 or 1491-R621 600 A fuse blocks	♣ 1494R-N11



Protective Fuse Covers				
Switch Rating [A]	Fuse Class	Fuse Clip Rating [A]		Cat. No.
		250V	600V	
30	Non-fusible	—	—	1495-N64
30	H, R	30	—	
60	H, R	60	—	
30	J	30	30	
60	J	60	60	
60	Non-fusible	—	—	
100	Non-fusible	—	—	
30	H, R	—	30	1495-N65
60	H, R	—	60	
100	J	100	100	
100	H, R	100	100	1495-N66
	J	200	200	
200	Non-fusible	—	—	♢ 1495-N67
200	H, J, R	200	200	
	J	400	400	
200	Non-fusible	—	—	♢ 1495-N62
200	H, J, R	200	200	
400	Non-fusible	—	—	♢ 1495-N68
400	H, J, R	400	400	
400	Non-fusible	—	—	♢ 1495-N63
400	H, J, R	400	400	
600	Non-fusible	—	—	♢ 1495-N61
	J	600	600	

* All terminals of the 30 A switches are furnished with self-lifting pressure plate connectors (N56, N57, and N58) as standard.





§ Each kit contains three lugs.

♣ Each kits contains two lugs.

♢ Switch with right-hand mechanism.

♢ Switch with left-hand mechanism.



	Description	For Use With	Cat. No.	
 Cat. No. 1494R-N3	Lug Connectors (3 per package)	1494C, 1494F, 1494G, and 1494V Disconnect Switches		
	Disconnect Size [A]		Wire Size	*
	30		#14...8 AWG Wire	§ 1494R-N1
	60		#14...4 AWG Wire	§ 1494R-N2
	100		#8...1/0 AWG Wire	§ 1494R-N3
	200		#6...4/0 AWG Wire	§ 199-LF1
			#6...250 MCM Wire (oversized)	§ 1494R-N14
	400		(2) of #1/0...250 MCM Wire	§ 1494R-N15
			#4 AWG...500 MCM Wire (oversized)	§ 1494R-N10
	600		(2) of #1/0...350 MCM Wire	1491-N621 or 1491-R621 600 A fuse blocks
(2) of #1/0...350 MCM Wire		♣ 1494R-N12		
 Cat. No. 599-GR1	Ground Connectors	1494C, 1494F, 1494G, and 1494V Disconnect Switches	599-GR1	
	Ground Lug Kits		30...100 A	599-GR2
			200...400 A	599-GR3
		600 A	599-GR4	
		30, 60 A	1494H & 1494HL Safety Switches	599-GR5
		100, 200 A		
	Neutral Kits	1494H Safety Switches		
	30 A @ 250/600V AC Fusible (Type 1 & 3R)		599-NK1	
	30 A @ 250/600V AC Non-Fusible (Type 1 & 3R)		599-NK2	
	30 A @ 250/600V AC Fusible & Non-Fusible (Type 12)		599-NK3	
	60 A @ 250/600V AC Fusible & Non-Fusible (Type 1 & 3R)		599-NK4	
	60 A @ 250/600V AC Fusible (Type 12)		599-NK5	
	60 A @ 250/600V AC Non-Fusible (Type 12)		599-NK6	
	100 A @ 250/600V AC Fusible (Type 1 & 3R)		599-NK7	
	100 A @ 250/600V AC Non-Fusible (Type 1, 3R, and 12)		599-NK8	
	100 A @ 250/600V AC Fusible (Type 12)		599-NK9	
	200 A @ 250/600V AC Fusible & Non-Fusible (Type 1 & 3R)		599-NK10	
200 A @ 250/600V AC Fusible & Non-Fusible (Type 12)	599-NK11			
	Phase Barrier Kits	1494C, 1494F, 1494G, 1494V		
	Disconnect Size [A]			
	30, 60		1494F-PH2	
	100		1494F-PH3	
	200		1494F-PH4	
	400		1494F-PH5	

* All terminals of the 30 A switches are furnished with self-lifting pressure plate connectors as standard.
 ♣ Each kits contains (2) lugs.
 § Each kit contains (3) lugs.