



NEMA Non-Combination Starter Accessories

For Field Installation

Note: Please refer to the label on the inside of the enclosure's door to determine the Enclosure Type, NEMA Starter Size, Coil and Line Voltage.

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Section 1: Contactor Accessories	NEMA Starter Size	Enclosure Type	Catalog Number
Coils (60 Hz)			
115...120V	0-1	All	CB-236
200...208V	0-1	All	CB-249
230...240V	0-1	All	CB-254
460...480V	0-1	All	CB-273
575...600V	0-1	All	CB-278
115...120V	2	All	CC-236
200...208V	2	All	CC-249
230...240V	2	All	CC-254
460...480V	2	All	CC-273
575...600V	2	All	CC-278
115...120V	3	All	CD-236
200...208V	3	All	CD-249
230...240V	3	All	CD-254
460...480V	3	All	CD-273
575...600V	3	All	CD-278
115...120V	4	All	CE-236
200...208V	4	All	CE-249
230...240V	4	All	CE-254
460...480V	4	All	CE-273
575...600V	4	All	CE-278
115...120V	5	All	CF-236
200...208V	5	All	AF-249
230...240V	5	All	AF-254
460...480V	5	All	AF-273
575...600V	5	All	AF-278
Surge Suppressor			
Surge Suppressor (12...120V AC) Varistor Surge	0-5	All	599-K04
Suppressor (12...240V AC) Varistor	0-5	All	599-KA04
Lug Kits			
Bul. 500, 509	1P	All	40410-356-51
Bul. 500, 500L, 505, 509, 520E, 520F, 520G	2	All	1494R-N1
Bul. 500, 500L, 505, 509, 520E, 520F, 520G	3	All	1494R-N2
Bul. 500, 500L, 505, 509, 520E, 520F, 520G	4	All	1494R-N3
Bul. 500, 500L, 505, 509, 520E, 520F, 520G	5	All	42450-804-01
Bul. 500, 505, 509, 520E	6	All	199-LJ1
Bul. 500, 505, 509, 520E	7	All	199-LG1
Terminal and Lug Covers			
Line Side Terminal Covers			
Line Side Terminal Covers	0-1	All	599-TC01N
Line Side Terminal Covers (reversing)	0-1	All	599-TC01R
Line Side Terminal Covers	2	All	599-TC2N
Line Side Terminal Covers	3	All	599-TC3N
Line Side Terminal Covers	4	All	599-TC4N
Line Side Terminal Covers	5	All	599-TC5N
Line and Load Side Lug Covers			
Line Side Lug Covers for (3 per Cat. No.)	3	All	599-LC-3-L
Load Side Lug Covers for (3 per Cat. No.)	3	All	599-LC-3-T
Line Side Lug Covers for (3 per Cat. No.)	4	All	599-LC-4-L
Load Side Lug Covers for (3 per Cat. No.)	4	All	599-LC-4-T
Line Side Lug Covers for (3 per Cat. No.)	5	All	599-LC-5-L
Load Side Lug Covers for (3 per Cat. No.)	5	All	599-LC-5-T
Tie Point Terminals			
Tie Point Terminal	0-2	All	599-TP02
Tie Point Terminal	3-5	All	599-TP34
Timer Attachments			
Left hand, On delay	0-5	All	596-TL32
Left hand, Off delay	0-5	All	596-TL33
Right hand, On delay	0-5	All	596-TR32
Right hand, Off delay	0-5	All	596-TR33
Auxiliary Contact- Contactor			
One Normally Open and Closed (1) N.O. - N.C. (Side Mounted)	00	All	198-SA11
One Normally Open and Closed (1) N.O. - N.C. (Front Mounted)	00	All	198-FA11
One Normally Open (1) N.O.	0-5	All	595-A
Two Normally Open (2) N.O.	0-5	All	595-AA
One Normally Closed (1) N.C.	0-5	All	595-B
Two Normally Closed (2) N.C.	0-5	All	595-BB
One Normally Open and Closed (1) N.O. - N.C.	0-5	All	595-AB
One Normally Closed Late Break (1) N.C.- LB	0-5	All	595-BL
One Normally Open (1) N.O.	6	All	195-GA10
Two Normally Open (2) N.O.	6	All	195-GA20
One Normally Closed (1) N.C.	6	All	195-GB01
Two Normally Closed (2) N.C.	6	All	195-GB02
One Normally Open and Closed (1) N.O. - N.C.	6	All	195-GB11
One Normally Closed Late Break (1) N.C.- LB	6	All	195-GL01
One Normally Open (1) N.O.	7	All	1495-J6
Two Normally Open (2) N.O.	7	All	1495-K6
One Normally Closed (1) N.C.	7	All	1495-J6
Two Normally Closed (2) N.C.	7	All	1495-K6
Interposing Relay (120V-60Hz)	6	All	500-NX100D
Interposing Relay (240V-60Hz)	6	All	500-NX100A

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Section 2: Voltage Control Accessories	NEMA Starter Size	Enclosure Type	Catalog Number
Transformers with Top Mounted Fuse Block Standard Capacity			
80VA, 208V Primary / 120V Secondary, 60 Hz	0-2	All	1497-N1PK
80VA, 240V Primary / 120V Secondary, 60 Hz	0-2	All	1497-N2PK
80VA, 480V Primary / 120V Secondary, 60 Hz	0-2	All	1497-N2PK
80VA, 600V Primary / 120V Secondary, 60 Hz	0-2	All	1497-N3PK
200VA, 208V Primary / 120V Secondary, 60 Hz	3	All	1497-N4PK
200VA, 240V Primary / 120V Secondary, 60 Hz	3	All	1497-N5PK
200VA, 480V Primary / 120V Secondary, 60 Hz	3	All	1497-N5PK
200VA, 600V Primary / 120V Secondary, 60 Hz	3	All	1497-N6PK
250VA, 208V Primary / 120V Secondary, 60 Hz	4	All	1497-N7PK
250VA, 240V Primary / 120V Secondary, 60 Hz	4	All	1497-N8PK
250VA, 480V Primary / 120V Secondary, 60 Hz	4	All	1497-N8PK
250VA, 600V Primary / 120V Secondary, 60 Hz	4	All	1497-N9PK
350VA, 208V Primary / 120V Secondary, 60 Hz	5	All	1497-N10PK
350VA, 240V Primary / 120V Secondary, 60 Hz	5	All	1497-N11PK
350VA, 480V Primary / 120V Secondary, 60 Hz	5	All	1497-N11PK
350VA, 600V Primary / 120V Secondary, 60 Hz	5	All	1497-N12PK
100 Watt Extra Capacity			
130VA, 208V Primary / 120V Secondary, 60 Hz	0-2	All	1497-N15PK
130VA, 240V Primary / 120V Secondary, 60 Hz	0-2	All	1497-N16PK
130VA, 480V Primary / 120V Secondary, 60 Hz	0-2	All	1497-N16PK
130VA, 600V Primary / 120V Secondary, 60 Hz	0-2	All	1497-N17PK
250VA, 208V Primary / 120V Secondary, 60 Hz	3	All	1497-N7PK
250VA, 240V Primary / 120V Secondary, 60 Hz	3	All	1497-N8PK
250VA, 480V Primary / 120V Secondary, 60 Hz	3	All	1497-N8PK
250VA, 600V Primary / 120V Secondary, 60 Hz	3	All	1497-N9PK
350VA, 208V Primary / 120V Secondary, 60 Hz	4	All	1497-N10PK
350VA, 240V Primary / 120V Secondary, 60 Hz	4	All	1497-N11PK
350VA, 480V Primary / 120V Secondary, 60 Hz	4	All	1497-N11PK
350VA, 600V Primary / 120V Secondary, 60 Hz	4	All	1497-N12PK
500VA, 208V Primary / 120V Secondary, 60 Hz	5	All	1497-N18PK
500VA, 240V Primary / 120V Secondary, 60 Hz	5	All	1497-N19PK
500VA, 480V Primary / 120V Secondary, 60 Hz	5	All	1497-N19PK
500VA, 600V Primary / 120V Secondary, 60 Hz	5	All	1497-N20PK
Fuse Block Kits For Separate Control			
Primary Fuse Block - Panel Mount Only, 2-Pole (30A /600V)	0-5	All	1491-R162
Secondary Fuse Block - Panel Mount Only, 2-Pole (30A /600V)	0-5	All	1491-R167
Fuse Blocks			
Primary Fuse Block - Panel Mount Only, 3-Pole (30A /600V)	0-5	All	1491-R171
Fuse Cover (NOTE: One cover per pole is required. Example: Transformer with top mounted fuse block requires (3) covers. Fuse block kit for separate control requires (2) covers.			
One Block	0-5	All	1491-R150
Control Circuit Fusing Kits			
Single fuse holder. Contactor Mount 6A/ 600V	0-5	All	599-FR04

Section 3: Overload Relay Accessories

E1 Plus Solid State Overload Field Selectable Trip Class (10, 15, 20, 30) and Manual / Auto Reset

Nema Starter Size	Enclosure Type	Catalog Number
0.2...1.0 A	All	592-EEBC
1.0...5.0 A	All	592-EECC
3.2...16 A	All	592-EEDC
5.4...27 A	All	592-EEEC
9...45 A	All	592-EEFC
9...45A	All	592-EEFD
18...90A	All	592-EEGD
Reset Adapter	All	193-ERA

SMP-1 Class 20 Manual Reset (NOTE: The following Catalog Numbers represent Class 20 Overload Relays. To order Class 10 change prefix from A2 to A1. To order Class 30 change prefix from A2 to A3)

Nema Starter Size	Enclosure Type	Catalog Number
23...75 A	All	592-A2KE
66...110 A	All	592-A2LE
57...180 A	All	592-A2ME
96...300 A	All	592-A2NF

SMP-1 Class 20 Automatic/Manual Reset (NOTE: The following Catalog Numbers represent Class 20 Overload Relays. To order Class 10 change prefix from A5 to A4. To order Class 30 change prefix from A5 to A6)

Nema Starter Size	Enclosure Type	Catalog Number
23...75 A	All	592-A5KE
66...110 A	All	592-A5LE
57...180 A	All	592-A5ME
96...300 A	All	592-A5NF

Auxiliary Contact

For Eutectic Alloy Overload Relays

Enclosure Type	Catalog Number
All	595-A02
All	595-B02
All	595-A34
All	595-B34

SMP-2 Solid State Overload Relays

(NOTE: SMP-2 models offer field selectable trip class)

Nema Starter Size	Enclosure Type	Catalog Number
23...75 A	All	592-B1KE
66...110 A	All	592-B1LE
57...180 A	All	592-B1ME
96...300 A	All	592-B1NF

EC1 and EC2 Solid State Overload Relays

NOTE: EC1 and EC2 models offer field selectable trip class.

EC1 - 2 Inputs

1 Output

Nema Starter Size	Enclosure Type	Catalog Number
1...5	All	592-EC1AC
3...15	All	592-EC1BC
5...25	All	592-EC1CC
9...45	All	592-EC1DC

EC2 - 4 Inputs

2 Outputs

Nema Starter Size	Enclosure Type	Catalog Number
1...5	All	592-EC2AC
3...15	All	592-EC2BC
5...25	All	592-EC2CC
9...45	All	592-EC2DC

Section 4: Pilot Device Accessories	NEMA Starter Size	Enclosure Type	Catalog Number
Pilot Light Kits			
120V	0-7	1, 3R/4/12	599-PL09DJ
120V	0-6	4/4X	599-PL09DS
240V	0-7	1, 3R/4/12	599-PL09AJ
240V	0-6	4/4X	599-PL09AS
480V	0-7	1, 3R/4/12	599-PL09BJ
480V	0-6	4/4X	599-PL09BS
600V	0-7	1, 3R/4/12	599-PL09CJ
600V	0-6	4/4X	599-PL09CS
Optional Pilot Light Lens Colors (NOTE: Pilot Light Kits include one green and one red lens as standard.)			
Amber	0-7	All	800T-N26A
Blue	0-7	All	800T-N26B
Clear	0-7	All	800T-N26C
White	0-7	All	800T-N26W
PUSH-TO-TEST Pilot Light Kits			
120V	0-7	1, 3R/4/12	599-PT09DJ
120V	0-6	4/4X	599-PT09DS
240V	0-7	1, 3R/4/12	599-PT09AJ
240V	0-6	4/4X	599-PT09AS
480V	0-7	1, 3R/4/12	599-PT09BJ
480V	0-6	4/4X	599-PT09BS
600V	0-7	1, 3R/4/12	599-PT09CJ
600V	0-6	4/4X	599-PT09CS
Optional Pilot Light Lens Colors (NOTE: PUSH-TO-TEST Pilot Light Kits include one green and one red lens as standard.)			
Amber	0-7	All	800T-N42
Blue	0-7	All	800T-N43
Clear	0-7	All	800T-N45
White	0-7	All	
Replacement Bulbs for all Pilot Lights			
Lens Color	Incandescent	LED	Incandescent
Clear	800T-N169	n/a	800T-N65
Amber	800T-N169	800T-N320A	800T-N65
Green	800T-N169	800T-N320G	800T-N65
Red	800T-N169	800T-N320R	800T-N65
Blue	800T-N169	800T-N320B	800T-N65
White	800T-N169	800T-N320W	800T-N65
LED			LED
			800T-318W
			800T-N318A
			800T-N318G
			800T-N318R
			800T-N318B
			800T-N318W
Push Button Kits			
	Nema Starter Size	Enclosure Type	Catalog Number
START-STOP	0-7	1, 3R/4/12	599-PB09SJ
START-STOP	0-6	4, 4X	599-PB09SS
FOR-REV-STOP	0-7	1, 3R/4/12	599-PB09RJ
FOR-REV-STOP	0-6	4, 4X	599-PB09RS
HIGH-LOW-STOP	0-7	1, 3R/4/12	599-PB09WJ
HIGH-LOW-STOP	0-6	4/4X	599-PB09WS
Selector Switch Kits			
OFF-ON	0-7	1, 3R/4/12	599-SS09OJ
OFF-ON	0-6	4/4X	599-SS09OS
HAND-OFF-AUTO	0-7	1, 3R/4/12	599-SS09HJ
HAND-OFF-AUTO	0-6	4/4X	599-SS09HS
FOR-OFF-REV	0-7	1, 3R/4/12	599-SS09RJ
FOR-OFF-REV	0-6	4/4X	599-SS09RS
TEST-OFF-AUTO (Spring Return from TEST)	0-7	1, 3R/4/12	599-SS09TJ
TEST-OFF-AUTO (Spring Return from TEST)	0-6	4/4X	599-SS09TS
Bonding Bracket for Pilot Devices	0-7	1, 3R, 3R/4/12	800T-N300
Pilot Device Kits for Lift-Off Enclosures			
START/STOP Push Button Kit 22.5mm	00-2	1	198-SSPB
2-Position Selector Switch Kit 22.5mm	00-2	1	198-2SS
3-Position Selector Switch Kit 22.5mm	00-2	1	198-3SS
FOR/REV/STOP Push Button Kit 22.5mm	00-2	1	198-FRSPB
Red Universal LED Pilot Light Kit 22.5mm	00-2	1	198-RUPL
Green Universal LED Pilot Light Kit 22.5mm	00-2	1	198-GUPL
White Universal LED Pilot Light Kit 22.5mm	00-2	1	198-WUPL
Red 240VAC LED Pilot Light Kit 22.5mm	00-2	1	198-R240PL
Green 240VAC LED Pilot Light Kit 22.5mm	00-2	1	198-G240PL
White 240VAC LED Pilot Light Kit 22.5mm	00-2	1	198-W240PL
E-Stop Push Button Kit 22.5mm	00-2	1	198-ESP
(Note: One kit required per enclosure if any of these kits are used. Pilot light can be used with Push Button Kit or Selector Switch Kit.)			

Section 5: Enclosure Accessories	NEMA Starter Size	Enclosure Type	Catalog Number
Non Metallic Conduit Connectors (Grounding Adapters Required)			
1/2 in., 12.7 mm	0-1	4/4X	1490-N1
3/4 in., 19mm	0-1	4/4X	1490-N9
1 in. 25.4 mm	0-1	4/4X	1490-N10
1-1/4 in., 31.75 mm,	2	4/4X	1490-N11
1-1/2 in., 38.1 mm,	3	4/4X	1490-N5
2 in., 50.8 mm	4	4/4X	1490-N6
2-1/2 in., 63.5 mm	4	4/4X	1490-N7
3 in., 76.2 mm	5	4/4X	1490-N8
Grounding Adapters			
1/2 in., 12.7 mm, #14...#10 Wire Range (AWG)	0-1	4/4X	1490-N19
3/4 in., 19mm, #14...#8 Wire Range (AWG)	0-1	4/4X	1490-N20
1 in. 24.5 mm, #14...#8 Wire Range (AWG)	0-1	4/4X	1490-N21
1-1/4 in., 31.75 mm, #14...#4 Wire Range (AWG)	2	4/4X	1490-N22
1-1/2 in., 38.1 mm, #8...#1/0 Wire Range (AWG)	3	4/4X	1490-N23
2 in., 50.8 mm, #8...#1/0 Wire Range (AWG)	4	4/4X	1490-N24
2-1/2 in., 63.5 mm, #6...#2/0 Wire Range (AWG)	4	4/4X	1490-N25
3 in., 76.2 mm, #6...#4/0 Wire Range (AWG)			1490-N26
Service Entrance Grounding Kit			
	0-2	All	599-GR1
	3-5	All	599-GR2
Hole Plugs			
30.5 mm Hole Plug for Pilot Devices	0-7	All	800T-N1
19.5 mm Hole Plug for Resets and Door Safety Hardware	0-5	All	598-N1
External Reset Kit			
	0-5	1, 3R, 3R/4/12	1493-N21
	0-5	4/4X	1493-N22

Section 6: System Accessories

Power Monitor Kit (NOTE: Power Monitor Kit Includes the Time Mark Power Monitor, Fuse Blocks and socket)

3-Phase, 240VAC - Time Mark Model 258B	0-7	All	599-PM1
3-Phase, 480VAC - Time Mark Model A258B	0-7	All	599-PM2
Terminal Block			
Panel Mount (6 Point)	0-7	All	1492-HC6
Note: Up to 2 (6 point) panels may be added to Combination Starters			
Timing Relays (120 VAC, On Delay - 8 Pin Socket Required - see below)			
.1 to 10 Second Timing Range	0-7	All	700HT12AA1
1.0 to 180 Second Timing Range	0-7	All	700HT12BA1
Timing Relays (120 VAC, Off Delay - 11 Pin Socket Required - see below)			
.1 to 10 Second Timing Range	0-7	All	700HT22AA1
1.0 to 180 Second Timing Range	0-7	All	700HT22BA1
Control Relays (2 Pole - 8 Pin Socket Required - see below)			
2 Form C 120 V	0-7	All	700-HA32A1
Control Relays (3 Pole - 11 Pin Socket Required - see below)			
3 Form C 120 V	0-7	All	700-HA33A1
Relay Sockets			
8 Pin Socket (10 per box)	0-7	All	700-HN125
11 Pin Socket (10 per box)	0-7	All	700-HN126