

Definite purpose contactors

Contactors and accessories



		2 NO (2P)	3 NO (3P)
Coil Voltage	Frame Size	Ordering Code	Ordering Code
24V AC	30A	DP30C2P-F	---
	40A	---	DP40C3P-F
120V AC	20A	DP20C2P-1	---
	30A	DP30C2P-1	DP30C3P-1
	40A	---	DP40C3P-1
	50A	---	DP50C3P-1
	60A	---	DP60C3P-1

Auxiliary contact block for 3- and 4-pole configurations

Description	Ordering Code
Double "Form C" (1NO + 1NC aux) SPDT	CADP40-20

NEMA Pump Panels

Ordering code construction

CR

3

4

1

4

1

A

A

Pump panel Type

3, 4, 1 = Pump panel w/
disconnect switch

NEMA size

C = Size 1

D = Size 2

E = Size 3

F = Size 4

Disconnect type

0 = Standard IC Class H/J fuse clips

1 = Higher IC rating, Class R fuse clips

Overload relay

1 = Thermal OL

4 = No overload

X = Class 10-20-30 electronic

Line voltage

4 = 460/480

Disconnect type

B = 30A

C = 60A

D = 100A

E = 200A

Control options

A = HOA switch, Start PB

Electronic Overload Range

E = 1.6 - 3.4

F = 3.2 - 6.8

G = 6.5 - 13.5

H = 13 - 27

J = 25 - 50

L = 35 - 70

M = 65 - 135

Undervoltage/phase failure

A = None

Auxiliary contacts

A = None

Control circuit protection

1 = None

Control power

A = None

C = Fused control circuit

Field modification - Refer to control catalog for order codes
Auxiliary contacts
Coil conversion
Control power transformer
Pushbuttons, selector switches, pilot lights

NEMA Pump Panels

CR341 (FVNR) full voltage non-reversing pump panels



NEMA Size	Disconnect Type	Line Voltage	Disconnect Size	Horse Power	Overload	Ordering Code
Size 1	Fusible	460-480 Vac	30A	10	None	341C044BAA1AA
Size 2	Fusible	460-480 Vac	60A	25	None	341D044CAA1AA
Size 3	Fusible	460-480 Vac	100A	50	Thermal*	341E014DAA1AA
	Fusible	460-480 Vac	100A	50	None	341E044DAA1AA
	Fusible	460-480 Vac	100A	50	Class 10-20-30 electronic	341E0X4DAA1AAL
Size 4	Fusible	460-480 Vac	200A	100	Thermal*	341F014EAC1AA
	Fusible	460-480 Vac	200A	100	None	341F044EAC1AA
	Fusible	460-480 Vac	200A	100	Class 10-20-30 electronic	341F0X4EAC1AAM

*Thermal overload relays require 1 heater element per phase

NEMA Starters

Enclosed combination starters ordering code construction

CR

A

A

Starter type

3, 0, 8 = Starter w/ disconnect switch, hard-tooled enclosure

4, 0, 8 = Starter w/ disconnect switch, welded enclosure

3, 0, 7 = Starter w/ circuit breaker

NEMA size

B = Size 0

C = Size 1

D = Size 2

E = Size 3

F = Size 4

Enclosure type

T or 1 = Nema 1

Control voltage

0, 2 = 120V, no fuses

F, 2 = 120V, with fuses

1, 4 = 120V, with CPT

Disconnect type

R

30A

60A

100A

200A

Non Fused

200-208vac

460-480vac

200-208vac

460-480vac

200-208vac

460-480vac

200-208vac

460-480vac

1, A

R, A

R, 3

R, B

R, 6

R, C

R, 1

R, D

R, 2

TM

15A

50A

100A

175A

T, C

T, H

T, N

T, S

Control options

A = None

Pilot lights

1 = Red run

2 = Green run

5 = Red run, green off

Pushbuttons/ selector switches

A = None

J = Start/Stop PBs

L = HOA switch

M = On/Off switch

S = HOA switch, start PB

Monitoring

A = None

AUX Contacts

A = None

B = 1NO

C = 1NC

D = 1NO/1NC

Overload relay

4 = Thermal OL (NO/NC)

C = Electronic 0.4 - 0.85A

D = Electronic 0.8 - 1.7A

E = Electronic 1.6 - 3.4A

F = Electronic 3.2 - 6.8A

G = Electronic 6.5 - 13.5A

H = Electronic 13 - 27A

J = Electronic 25 - 50A

L = Electronic 35 - 70A

M = Electronic 65 - 135A

Field modification kits - Refer to control catalog for order codes

Auxiliary contacts

Control power transformer

Coil conversion

Pushbuttons, selector Switches, pilot lights

NEMA Starters

CR300/400 (FVNR) full voltage non-reversing combination starters



NEMA Size	Disconnect Type	Line Voltage	Disconnect Size	Horse Power	Overload	Ordering Code
Size 0	Non-fused	575-600 Vac	30A	5	Electronic 6.5-13amp	308BT021AGAAAAA
Size 0	Non-fused	575-600 Vac	30A	5	Thermal*	308BT021A4AAAAA
Size 1	Non-fused	575-600 Vac	30A	10	Electronic 13-27amp	308CT021AHAAAAA
Size 1	Non-fused	575-600 Vac	30A	10	Thermal*	308CT021A4AAAAA
Size 2	Non-fused	575-600 Vac	60A	25	Thermal*	408D1021A4AAAAA
Size 2	Non-fused	575-600 Vac	60A	25	Electronic 25-50amp	408D1021AJAAAAA
Size 3	Non-fused	575-600 Vac	100A	50	Thermal*	408E1021A4AAAAA
Size 3	Non-fused	575-600 Vac	100A	50	Electronic 35-70amp	408E1021ALAAAAA
Size 4	Non-fused	575-600 Vac	200A	100	Thermal*	408F1021A4AAAAA
Size 4	Non-fused	575-600 Vac	200A	100	Electronic 65-135amp	408F1021AMAAAAA
Size 0	Fusible	200-208 Vac	30A	3	Thermal*	308BT02RA4AAAAA
Size 0	Fusible	200-208 Vac	30A	3	Electronic 6.5-13amp	308BT02RAGAAAAA
Size 0	Fusible	460-480 Vac	30A	5	Thermal*	308BT02R34AAAAA
Size 0	Fusible	460-480 Vac	30A	5	Electronic 6.5-13amp	308BT02R3GAAAAA
Size 1	Fusible	200-208 Vac	30A	5	Thermal*	308CT02RA4AAAAA
Size 1	Fusible	200-208 Vac	30A	5	Electronic 13-27amp	308CT02RAHAAAAA
Size 1	Fusible	200-208 Vac	60A	7.5	Thermal*	408C102RB4AAAAA
Size 1	Fusible	460-480 Vac	30A	10	Thermal*	308CT02R34AAAAA
Size 1	Fusible	460-480 Vac	30A	10	Electronic 13-27amp	308CT02R3HAAAAA
Size 2	Fusible	200-208 Vac	60A	10	Thermal*	408D102RB4AAAAA
Size 2	Fusible	200-208 Vac	60A	10	Electronic 25-50amp	408D102RBJAAAAA
Size 2	Fusible	460-480 Vac	30A	15	Thermal*	308DT02R34AAAAA
Size 2	Fusible	460-480 Vac	30A	15	Electronic 25-50amp	308DT02R3JAAAAA
Size 2	Fusible	460-480 Vac	60A	25	Thermal*	408D102R64AAAAA
Size 2	Fusible	460-480 Vac	60A	25	Electronic 25-50amp	408D102R6JAAAAA
Size 3	Fusible	200-208 Vac	200A	25	Thermal*	408E1F2RD4AAAAA
Size 3	Fusible	200-208 Vac	200A	25	Electronic 35-70amp	408E1F2RDLAAAAA
Size 3	Fusible	460-480 Vac	60A	30	Thermal*	408E102R64AAAAA
Size 3	Fusible	460-480 Vac	60A	30	Electronic 35-70amp	408E102R6LAAAAA
Size 3	Fusible	460-480 Vac	100A	50	Thermal*	408E102R14AAAAA
Size 4	Fusible	460-480 Vac	200A	100	Electronic 65-135amp	408F1F2R2MAAAAAA
Size 4	Fusible	460-480 Vac	100A	60	Electronic 65-135amp	408F102R1MAAAAAA
Size 4	Fusible	460-480 Vac	100A	60	Thermal*	408F102R14AAAAA
Size 4	Fusible	460-480 Vac	200A	100	Thermal*	408F1F2R24AAAAA
Size 4	Fusible	460-480 Vac	100A	50	Electronic 35-70amp	408E102R1LAAAAA
Size 0	Circuit Breaker	200-208 Vac	15A	3	Electronic 6.5-13amp	307BT02TCGAAAAA
Size 0	Circuit Breaker	200-208 Vac	15A	3	Thermal*	307BT02TC4AAAAA
Size 1	Circuit Breaker	200-208 Vac	25A	5	Thermal*	307CT02TE4AAAAA
Size 1	Circuit Breaker	200-208 Vac	40A	10	Thermal*	307CT02TG4AAAAA
Size 1	Circuit Breaker	200-208 Vac	60A	10	Thermal*	307DT02TJ4AAAAA
Size 1	Circuit Breaker	200-208 Vac	25A	5	Electronic 13-27amp	307CT02TEHAAAAA
Size 1	Circuit Breaker	200-208 Vac	40A	7.5	Electronic 13-27amp	307CT02TGHAAAAA
Size 2	Circuit Breaker	200-208 Vac	60A	10	Electronic 25-50amp	307DT02TJJAAAAA

*Thermal overloads relays require 1 heater element per phase

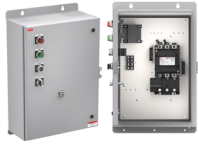
NEMA Starters

Enclosed non-combination starters ordering code construction

CR	3	0	6		1			0	0					
Starter type 3, 0, 6 = Starter only														
NEMA size B = Size 0 C = Size 1 D = Size 2 E = Size 3 F = Size 4														
Enclosure type 1 = NEMA 1														
Control voltage 0, 2 = 120V 0, 3 = 240V 0, 4 = 480V 0, 5 = 600V 2, 3 = 208V 2, 4 = 24V(AC)														
				Disconnect type 0, 0 = None										
				Overload relay A = Thermal OL (1NO) X = Solid State OL										
										Electronic Overload Range (If applicable) C = Electronic 0.4 - 0.85A D = Electronic 0.8 - 1.7A E = Electronic 1.6 - 3.4A F = Electronic 3.2 - 6.8A G = Electronic 6.5 - 13.5A H = Electronic 13 - 27A J = Electronic 25 - 50A L = Electronic 35 - 70A M = Electronic 65 - 135A				
										Pilot lights A = None B = Red across coil				
										Pushbuttons and switches A = None B = Start/Stop PBs D = HOA switch				
										Control Circuit Options A = No CPT, No Fuses D = No CPT, Fused T = CPT with 2 Primary, 1 Secondary Fuse				

NEMA Starters

CR306 (FVNR) full voltage non-reversing non-combination starters



NEMA Size	Line Voltage	Horse Power	Switch Type	Ordering Code
Size 0	460-480 Vac	5	None	306B10200AAAAA
	460-480 Vac	5	HOA	306B10200AADAA
Size 1	460-480 Vac	10	None	306C10200AAAAA
	460-480 Vac	10	HOA	306C10200AADAA
Size 2	460-480 Vac	25	None	306D10200AAAAA
	460-480 Vac	25	HOA	306D10200AADAA
Size 3	460-480 Vac	50	None	306E10200AAAAA
	460-480 Vac	50	HOA	306E10200AADAA
Size 4	460-480 Vac	100	None	306F10200AAAAA
	460-480 Vac	100	HOA	306F10200AADAA

Non-combination Field Installable Accessories

NEMA Size	Start/Stop PB ordering code	HOA Switch ordering code	On/Off switch ordering code	Red pilot light ordering code
Size 0,1	CR305X120N	CR305X130N	CR305X130P	CR305X150N
Size 2	CR305X220N	CR305X230N	CR305X230D	CR305X250N
Size 3,4	CR305X320B	CR305X330B	CR305X330D	CR305X350B

Manual Motor Starters

CR101H, CR101Y (FVNR) full voltage non-reversing manual starters



Toggle Operated Non-reversing Open*

Poles	Line Voltage	Horse Power	Ordering Code
1	115/230/277	1/1/0.75	CR101Y
2	115/230/277	1/1/0.75	CR101H

*For flush or outlet box mounting



Toggle Operated Non-reversing Enclosed NEMA Type 1

Poles	Line Voltage	Horse Power	Indicating Light	Ordering Code
1	115/230/277	1/1/0.75	No	CR101Y1
2	115/230/277	1/1/0.75	No	CR101H1
1	115/230/277	1/1/0.75	Yes*	CR101Y11
2	115/230/277	1/1/0.75	Yes*	CR101H11

*Light available at 115/230-volt lamps only



Lever Operated Non-reversing Enclosed NEMA Type 3/4/12

Poles	Line Voltage	Horse Power	Hubs	Ordering Code
1	115/230/277	1/1/0.75	3/4" hub on one end	CR101H400H
2	115/230/277	1/1/0.75	3/4" hub on one end	CR101Y400H



CR101H, CR101Y Enclosure Components

Description	Ordering Code
Plate Kit, with lock attachment (lock not included)	CR101X3
Standard Cover (front w/ screws)	CR101X5
Combo plate kit, w/Hand-auto switch & 115/230volt neon light	CR101X11
Combo flush plate and box (back)	CR101X14

Manual Motor Starters

CR101H, CR101Y (FVNR) full voltage non-reversing manual starters

CR101 Heaters

Max motor full load amps	Ordering Code
0.48	CR123H055A
0.53	CR123H061A
0.58	CR123H067A
0.65	CR123H074A
0.71	CR123H082A
0.78	CR123H090A
0.86	CR123H099A
0.95	CR123H108A
1.04	CR123H120A
1.14	CR123H132A
1.25	CR123H144A
1.37	CR123H158A
1.49	CR123H172A
1.63	CR123H188A
1.78	CR123H205A
1.95	CR123H224A
2.13	CR123H245A
2.32	CR123H267A
2.53	CR123H291A
2.76	CR123H317A
3.01	CR123H346A
3.27	CR123H377A
3.56	CR123H410A
3.88	CR123H446A
4.22	CR123H486A
4.6	CR123H529A
5	CR123H575A
5.43	CR123H625A
5.9	CR123H680A
6.41	CR123H739A
6.98	CR123H802A
7.6	CR123H873A
8.25	CR123H950A
8.95	CR123H103B
9.75	CR123H112B
10.6	CR123H122B
11.4	CR123H132B
12.5	CR123H144B
13.6	CR123H157B
14.8	CR123H171B
16	CR123H186B

Overload relays, open components and accessories

Overload relays



Replace * in product number with appropriate digit from Full Load Current Selection Table below.

Solid state overload relays, 3 pole, 600 VAC

NEMA Size	Continuous Ampere Rating	Mounting Position	Product Number
1	27	Panel Mount	CR324CX*P
2	45	Panel Mount	CR324DX*P
3, 4	90,135	Panel Mount	CR324FX*P
1	27	for MRO & Replacement	CR324CX*S
2	45	for MRO & Replacement	CR324DX*S
3, 4	90,135	for MRO & Replacement	CR324FX*S ^{1,2}
5	270	for MRO & Replacement	CR324GX*S ³

¹If Product No. digit "K" is selected from Full Load Current Selection Table.

²Reset on CR324FX*S overloads is approximately 1" longer than on equivalent bimetal overloads. For ABB 300-Line enclosures, perform the actions noted below:

³CR324GX*S may be used as replacement for bimetal overload on size 5 starters. Use existing CTs.

⁴CR324HX*K kit must be used as solid-state replacement for bimetal overloads on size 6, since CT ratio changes, CTs included.

⁵CR324HX*S may be used as a replacement for existing solid-state overload on size 6. Use existing CTs.

Enclosure Reset Extension Type	Adjustment Required
Threaded Rod (standard)	Cut threaded shaft 1" and adjust for 1/8" gap.
"U" Style, 2 1/8" long	Replace extension with product number 55-512811G005.
"U" Style, 1 1/2" long	Replace extension with product number 55-512811G002.

Solid state overload relay options

Item	NEMA Size	Voltage	Product Number
Remote Reset	1-6	120 VAC	CR324XRRM02
Panel Mount Adapter	1	N/A	CR324CXPPMA
	2	N/A	CR324DXPPMA

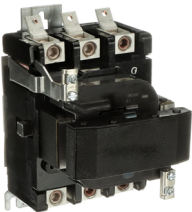
Full load current selection table

For continuous rated motors, with a service factor of 1.15 to 1.25, select the heater with maximum motor Amperes equal to or immediately greater than the motor full-load current (provides a maximum of 125 percent protection). For continuous rated motors with no service factor, multiply the full-load current of the motor by 0.90 and use this value to select the heater.

Overload Range for Solid State Starters	NEMA Size	Fuse Max.	Breaker Max.	Insert Digit in Product Number
0.4-0.85	00-1	3	15	C
0.8-1.7	00-1	6	15	D
1.6-3.4	00-1	12	15	E
3.2-6.8	00-1	25	25	F
6.5-13.5	00-1	50	50	G
13-27	00-1	100	100	H
6.5-13.5	2	50	50	G
13-27	2	100	100	H
25-50	2	200	200	J
17-35	3 & 4	125	125	K
35-70	3 & 4	250	250	L
65-135	3 & 4	500	400	M
35-70	5	—	—	N
65-135	5	500	400	P
130-270	5	600	800	Q
130-270	6	1200	800	S
260-540	6	1200	800	T

Overload relays, open components, and accessories

Open components and accessories



Open contactors

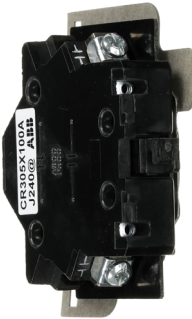
Nema Size	Description	Line Voltage	Amp Rating	Ordering Code
Size 0	Contactors	115-120 Vac	20A	305B002
Size 1	Contactors	115-120 Vac	30A	305C002
Size 2	Contactors	115-120 Vac	50A	305D002
Size 3	Contactors	115-120 Vac	100A	305E002
Size 4	Contactors	115-120 Vac	150A	305F002



Open starters

Nema Size	Description	Line Voltage	Amp Rating	Overload	Ordering Code
Size 0	Starter	115-120 Vac	18A	Thermal*	306B002
Size 1	Starter	115-120 Vac	27A	Thermal*	306C002
Size 2	Starter	115-120 Vac	45A	Thermal*	306D002
Size 3	Starter	115-120 Vac	90A	Thermal*	306E002
Size 4	Starter	115-120 Vac	135A	Thermal*	306F002

*Thermal overloads relays require 1 heater element per phase



Pump panel, combination starter, non-combination starter, and contactor
Field Installable Accessories

NEMA Size	1NO AUX ordering code	1NC AUX ordering code	1NO/1NC AUX ordering code
Size 0,1	CR305X100A	CR305X100B	CR305X100C
Size 2	CR305X200A	CR305X200B	CR305X200C
Size 3,4	CR305X300A	CR305X300B	CR305X300C

Lighting Contactors

460 series contactors and accessories



Assembled NEMA 1 enclosed Contactors*

Coil voltage	Poles (NO)	General use	All voltages & loads	Ordering Code
115-120V 60 Hz/110V 50 Hz	4	600 Vac/30A	See Chart**	CR463L40AJA10AO
115-120V 60 Hz/110V 50 Hz	6	600 Vac/30A	See Chart**	CR463L60AJA10AO
115-120V 60 Hz/110V 50 Hz	8	600 Vac/30A	See Chart**	CR463L80AJA10AO



Assembled open contactors*

Coil voltage	Poles (NO)	General use	All voltages & loads	Ordering Code
115-120V 60 Hz/110V 50 Hz	4	600 Vac/30A	See Chart**	CR463L40AJA
115-120V 60 Hz/110V 50 Hz	6	600 Vac/30A	See Chart**	CR463L60AJA
115-120V 60 Hz/110V 50 Hz	8	600 Vac/30A	See Chart**	CR463L80AJA



Stock the below components to quickly build up any configuration
Lighting Contactor Components

Lighting Contactor Components	Ordering Code
12 POLE ELECTRICALLY HELD BASE, 120V COIL	460BJ
12 POLE ELECTRICALLY HELD BASE, 277V COIL	460BN
1 POLE POWER BLOCK**	460XP31
2 POLE POWER BLOCK**	460XP32
1 POLE AUXILIARY CONTACT (Reversible)	460XB1
2 POLE AUXILIARY CONTACT (Reversible)	460XB2
24V60 HZ/20V50HZ COIL	460XCC
115-120V60 HZ/110V50HZ COIL	460XCJ
208V60 HZ COIL	460XCL
277V60 HZ/240V50HZ COIL	460XCN
ENCLOSURE KIT NEMA 1	460XE1B
ENCLOSURE KIT TYPE 12/3R	460XE2B
OVERSIZED ENCLOSURE KIT TYPE 12/3R	460XE2D
RED/GREEN IND LIGHT KIT 120 V	460XLBj
2WIRE CONTROL MODULE KIT 120V	460XMC
3WIRE CONTROL MODULE KIT 120V	460XMN
HOA-ON/OFF/AUTO SS KIT	460XP4



** Lighting contactor Power Block Ratings chart

MAXIMUM VOLTS POLES TO LOAD		LOAD TYPE	MAXIMUM AMPS	ABB				UL US LISTED A153 IND.CONT.EQ	A600
1 For 1Ø	2 For 1Ø 3 For 3Ø			AC MOTOR STARTING (Break All Lines)	HP	FLA			
120 VAC		LED DRIVER / ELECTRONIC BALLAST	10A MAX	110-120V	1Ø	1	15	Wire Range: #14-8 AWG 75°C Copper Wire Only Torque: 35 lbs-in	Position Block on Base for desired NO versus NC operation Power Contact Block for use with CR460 Series Contactor
277 VAC		LED DRIVER / ELECTRONIC BALLAST	3A MAX		3Ø	1.5	12		
277 VAC	480 VAC	TUNGSTEN	20A MAX	220-240V	1Ø	2	12		
347 VAC	600 VAC	BALLAST	30A MAX		3Ø	5	15.2		
				440-480V	1Ø	5	14		
					3Ø	10	14		
600 VAC	600 VAC	GENERAL USE / AC RESISTANCE	30A MAX	550-600V	1Ø	5	11.2		
					3Ø	15	17		
POLES TO LOAD		3Ø AMP MAX. LOAD	AC3	CE				IEC/EN 60947-4-1 Ith=30A U=600V TORQUE : 3.9 N-m AC-15 A600	
1 For 1Ø	2 For 1Ø 3 For 3Ø			V	230	400	500	600	
230 VAC	400 VAC	AC-5b (20A ONLY)		kW	1.5	5.5	5.5	5.5	
230 VAC	400 VAC	AC-5a							
600 VAC	600 VAC	AC-1							

Plug and Play Enclosed Starters

Merchandised ProS Combination Starter Base Units

Product Number	Type	Enclosure Type	Amps	Nema	Fusible/ Non-Fusible/ Breaker	Coil Volts
PSN-AFSB13	3-phase, combination MCP, non-reversing	Type 1	9	00	Breaker	100-250V
PSN-0FSB13	3-phase, combination MCP, non-reversing	Type 1	18	0	Breaker	100-250V
PSN-1FSB13	3-phase, combination MCP, non-reversing	Type 1	27	1	Breaker	100-250V
PSN-2FSB13	3-phase, combination MCP, non-reversing	Type 1	45	2	Breaker	100-250V
PSN-3FSB13	3-phase, combination MCP, non-reversing	Type 1	90	3	Breaker	100-250V
PSN-4FSB13	3-phase, combination MCP, non-reversing	Type 1	135	4	Breaker	100-250V
PSN-AFSB43	3-phase, combination MCP, non-reversing	Type 4/12	9	00	Breaker	100-250V
PSN-0FSB43	3-phase, combination MCP, non-reversing	Type 4/12	18	0	Breaker	100-250V
PSN-1FSB43	3-phase, combination MCP, non-reversing	Type 4/12	27	1	Breaker	100-250V
PSN-2FSB43	3-phase, combination MCP, non-reversing	Type 4/12	45	2	Breaker	100-250V
PSN-3FSB43	3-phase, combination MCP, non-reversing	Type 4/12	90	3	Breaker	100-250V
PSN-4FSB43	3-phase, combination MCP, non-reversing	Type 4/12	135	4	Breaker	100-250V
PSN-AFSN13	3-phase, combination non-fusible disconnect, non-reversing	Type 1	9	00	Non	100-250V
PSN-0FSN13	3-phase, combination non-fusible disconnect, non-reversing	Type 1	18	0	Non	100-250V
PSN-1FSN13	3-phase, combination non-fusible disconnect, non-reversing	Type 1	27	1	Non	100-250V
PSN-2FSN13	3-phase, combination non-fusible disconnect, non-reversing	Type 1	45	2	Non	100-250V
PSN-3FSN13	3-phase, combination non-fusible disconnect, non-reversing	Type 1	90	3	Non	100-250V
PSN-4FSN13	3-phase, combination non-fusible disconnect, non-reversing	Type 1	135	4	Non	100-250V
PSN-AFSN43	3-phase, combination non-fusible disconnect, non-reversing	Type 4/12	9	00	Non	100-250V
PSN-0FSN43	3-phase, combination non-fusible disconnect, non-reversing	Type 4/12	18	0	Non	100-250V
PSN-1FSN43	3-phase, combination non-fusible disconnect, non-reversing	Type 4/12	27	1	Non	100-250V
PSN-2FSN43	3-phase, combination non-fusible disconnect, non-reversing	Type 4/12	45	2	Non	100-250V
PSN-3FSN43	3-phase, combination non-fusible disconnect, non-reversing	Type 4/12	90	3	Non	100-250V
PSN-4FSN43	3-phase, combination non-fusible disconnect, non-reversing	Type 4/12	135	4	Non	100-250V
PSN-AFSF13	3-phase, combination fusible disconnect, non-reversing	Type 1	9	00	fusible	100-250V
PSN-0FSF13	3-phase, combination fusible disconnect, non-reversing	Type 1	18	0	fusible	100-250V
PSN-1FSF13	3-phase, combination fusible disconnect, non-reversing	Type 1	27	1	fusible	100-250V
PSN-2FSF13	3-phase, combination fusible disconnect, non-reversing	Type 1	45	2	fusible	100-250V
PSN-3FSF13	3-phase, combination fusible disconnect, non-reversing	Type 1	90	3	fusible	100-250V
PSN-4FSF13	3-phase, combination fusible disconnect, non-reversing	Type 1	135	4	fusible	100-250V
PSN-AFSF43	3-phase, combination fusible disconnect, non-reversing	Type 4/12	9	00	fusible	100-250V
PSN-0FSF43	3-phase, combination fusible disconnect, non-reversing	Type 4/12	18	0	fusible	100-250V
PSN-1FSF43	3-phase, combination fusible disconnect, non-reversing	Type 4/12	27	1	fusible	100-250V
PSN-2FSF43	3-phase, combination fusible disconnect, non-reversing	Type 4/12	45	2	fusible	100-250V
PSN-3FSF43	3-phase, combination fusible disconnect, non-reversing	Type 4/12	90	3	fusible	100-250V
PSN-4FSF43	3-phase, combination fusible disconnect, non-reversing	Type 4/12	135	4	fusible	100-250V

Plug and Play Enclosed Starters

Merchandised ProS Non-Combination Starter Base Units

Product Number	Type	Enclosure Type	Amps	Nema	Fusible/ Non-Fusible/ Breaker	Coil Volts
PSN-AFSX13	3-phase, non-combination, Non-reversing	Type 1	9	00	Non	100-250V
PSN-0FSX13	3-phase, non-combination, Non-reversing	Type 1	18	0	Non	100-250V
PSN-1FSX13	3-phase, non-combination, Non-reversing	Type 1	27	1	Non	100-250V
PSN-2FSX13	3-phase, non-combination, Non-reversing	Type 1	45	2	Non	100-250V
PSN-3FSX13	3-phase, non-combination, Non-reversing	Type 1	90	3	Non	100-250V
PSN-4FSX13	3-phase, non-combination, Non-reversing	Type 1	135	4	Non	100-250V
PSN-AFSX43	3-phase, non-combination, Non-reversing	Type 4/12	9	00	Non	100-250V
PSN-0FSX43	3-phase, non-combination, Non-reversing	Type 4/12	18	0	Non	100-250V
PSN-1FSX43	3-phase, non-combination, Non-reversing	Type 4/12	27	1	Non	100-250V
PSN-2FSX43	3-phase, non-combination, Non-reversing	Type 4/12	45	2	Non	100-250V
PSN-3FSX43	3-phase, non-combination, Non-reversing	Type 4/12	90	3	Non	100-250V
PSN-4FSX43	3-phase, non-combination, Non-reversing	Type 4/12	135	4	Non	100-250V

Merchandised ProS Control Power Transformer Kits

For Contactor sizes:	Part Number	50 VA/100 VA	Line voltage	Secondary Voltage
PSN-Axxx, PSN-0xxx,	PS-50-208/120	50	208	120
PSN-1xxx, PSN-2xxx,	PS-50-240/120	50	240	120
PSN-3xxx	PS-50-480/120	50	480	120
	PS-50-600/120	50	600	120
PSN-4xxx	PS-100-208/120	100	208	120
	PS-100-240/120	100	240	120
	PS-100-480/120	100	480	120
	PS-100-600/120	100	600	120

Plug and Play Enclosed Starters

Merchandised ProS Pilot Device Kits

Category	Part Number	Pilot Device Kit Type	Description
1 Pilot Device	PS-SL2	2-position switch	OFF-ON
	PS-SL3	3-position switch	HAND-OFF-AUTO
	PS-PL	Pilot light	Green LED pilot light "ON"
	PS-PLR	Pilot light	Red LED pilot light "ON"
	PS-PLG	Pilot light	Green LED pilot light "OFF"
2 Pilot Devices	PS-SS	Push buttons	Green push button "START"
			Red push button "STOP"
	PS-SE	Push buttons	Green push button "START"
			Red "EMERGENCY STOP"
	PS-SL2I	2-position switch + pilot light	Selector switch "OFF-ON"
			Green LED pilot light "ON"
	PS-SL3I	3-position switch + pilot light	Selector switch "HAND-OFF-AUTO"
			Green LED pilot light "ON"
3 Pilot Devices	PS-SSI	Push buttons + pilot light	Red LED pilot light "ON"
			Green LED pilot light "OFF"
			Green push button "START"
	PS-SL2IO	2-position switch + pilot lights	Red push button "STOP"
			Green LED pilot light "OFF"
			Selector switch "OFF-ON"
	PS-SL3IO	3-position switch + pilot lights	Green LED pilot light "ON"
			Yellow LED pilot light "FAULT"
			Selector switch "HAND-OFF-AUTO"
			Green LED pilot light "ON"
			Yellow LED pilot light "FAULT"

Merchandised ProS Auxiliary Contacts

Part Number	For Contactor sizes:
CA4-10	PSN-A, 0, 1,2,3
CA4-01	PSN-A, 0, 1,2,3
CA4-22M	PSN-A, 0
CA4-22E	PSN-1,2,3
CAL19-11	PSN-4