

Class SMF, MMS, MRS

Selection

Accessories—Class SMF

Description	Catalog Number	List Price \$
Handle Guard Kit with Padlock Provision	SMFFL1	
Emergency Off Actuator	SMFPB1	
Additional Key for Key Operated Devices	SMFFK1	

Pilot Light Kits—Class MMS, MRS^①

Device	Voltage Rating	Red Pilot Light		Green Pilot Light	
		Catalog Number	List Price \$	Catalog Number	List Price \$
Class SMF	115–277V AC	SMFPL10		SMFPL10G	

Enclosures—Class SMF

Enclosure Type	For Use With SMF	Catalog Number	List Price \$
Standard Size NEMA 1 General Purpose	F01, F01P, F02, F02P, F03, F03P, F04, F04P	SMFFE2	
Oversized NEMA Type 1 General Purpose	F01, F01P, F02, F02P, F03, F03P, F04, F04P	SMFFE1	
NEMA 3R, 4, 12 Watertight Dust-tight	F01, F01P, F02, F02P, F03, F03P, F04, F04P	SMF40BC2	

Nameplates—Class SMF

For Use On	Nameplate Marking	Without Pilot Light		With Pilot Light	
		Catalog Number	List Price \$	Catalog Number	List Price \$
Standard commercial switch box cover including stainless steel plates	None	SMFFN2		—	—
Stainless Steel Plate	None	SMFFSN3		SMFFSN4	
NEMA 1 surface mounted enclosure or gray flush plate	None	SMFFN30		SMFFN40	
	High	SMFFN31		SMFFN41	
	Low	SMFFN32		SMFFN42	

Replacement Parts—Class SMF, MMS

Description	Catalog Number	List Price \$
Replacement Toggle Kits: Type FW and KW (NEMA 4 Metallic Enclosure)	SMFHW1	

Accessories—Class MMS, MRS

Description	Catalog Number	List Price \$
Handle Guard Kit with Padlock Provision	SMFFL1	
Emergency Off Actuator	SMFPB1	
Additional Key for Key Operated Devices	SMFFK1	

Pilot Light Kits—Class MMS, MRS^①

Device	Voltage Rating	Red Pilot Light		Green Pilot Light	
		Catalog Number	List Price \$	Catalog Number	List Price \$
Class MMS	110–120V AC	SMFPL11		SMFPL11G	
	208–277V AC	SMFPL12		SMFPL12G	
	440–600V AC	SMFPL13		SMFPL13G	

Enclosures—Class MMS

Enclosure Type	For Use With MMS	Catalog Number	List Price \$
Standard Size NEMA 1 General Purpose	K01, K01P, K01B, K02, K02A, K02B, K03, K03A, K03B, K04, K04A, K04B	MMSKE3	
Oversized NEMA Type 1 General Purpose	K01, K02B, K02C, K03, K03A, K03B, K04, K04B, K04C, K02	SMFKE1	
Jumbo NEMA Type 1 General Purpose	K01, K02B, K02C, K03, K03A, K03B, K04, K04B, K04C, K02	SMFKE2	
NEMA 3R, 4, 12 Watertight Dust-tight	K01, K02B, K02C, K03, K03A, K03B, K04, K04B, K04C	SMF40BC2	

Nameplates—Class MMS

For Use On	Nameplate Marking	Without Pilot Light		With Pilot Light	
		Catalog Number	List Price \$	Catalog Number	List Price \$
Standard commercial switch box cover including stainless steel plates	None	SMFFN1		—	—
NEMA 1 surface mounted enclosure or gray flush plate	None	SMFFN10		SMFFN20	
	High	SMFFN11		SMFFN21	
	Low	SMFFN12		SMFFN22	
	Forward	SMFFN13		—	—
	Reverse	SMFFN14		SMFFN24	

^① Pilot lights can be field installed on standard NEMA 1 general purpose surface mount enclosures, and NEMA 3R, 4 and 12 enclosures only. For flush mounting units a complete switch unit with pilot light must be ordered.

Class 11 - 3RV

Selection





	Description	Type	Catalog Number	List Price \$	
 <p>3RV2901-1D</p>	Auxiliary Contact Blocks				
	Plug in contact block 1 block per 3RV mountable at the front	1 SPDT contact, NO/NC 1 NO + 1 NC 1 SPDT contact NO/NC electronic contact ^④	3RV2901-1D 3RV2901-1E 3RV2901-1G		
 <p>3RV2901-1A</p>	Side mount auxiliary contact with screw connection 1 side mount auxiliary contact per 3RV mountable on the left-hand side	1 NO + 1 NC 2 NO 2 NC 2 NO + 2 NC	3RV2901-1A 3RV2901-1B 3RV2901-1C 3RV2901-1J		
	Signaling Contact Block				
	Signaling contact 1 signaling contact per 3RV mountable on the left-hand side. Can also be fitted together with side mount auxiliary contact.	1NO + 1NC for any trip + 1NO + 1NC for short circuit trip only.	3RV2921-1M		
 <p>3RV2922-1CP0</p>	Auxiliary Releases				
	Undervoltage release 1 undervoltage release per 3RV mountable on the right-hand side. Cannot be fitted together with shunt trip.	AC 50Hz — 230V 415V	AC 60Hz 120V 208V 240V 480V	3RV2902-1AF0 3RV2902-1AM1 3RV2902-1AP0 3RV2902-1AV1	
		Undervoltage release with early make contacts (2NO) 1 undervoltage release per 3RV mountable at the right-hand side. Cannot be fitted together with shunt trip.	AC 50Hz 230V 415V	AC 60Hz 240V 480V	3RV2922-1CP0 3RV2922-1CV1
	Shunt trip 1 shunt trip per 3RV mountable at the right-hand side. Cannot be fitted together with undervoltage release.	AC 50Hz/60Hz ^① 20–24V 90–110V 200–240V 350–415V	DC ^② 20–70V 70–190V 190–330V 330–500V	3RV2902-1DB0 3RV2902-1DF0 3RV2902-1DP0 3RV2902-1DV0	
 <p>3RV2902-1DP0</p>	Pilot Lights AC 50Hz/60Hz				
	For NEMA 1 enclosure only. Kit includes Red, Green, and Amber lenses	24V 120V 240V 480V 600V		49SBLBJ^③ 49SBLBF^③ 49SBLBG^③ 49SBLBH^③ 49SBLBE^③	
 <p>3RV2928-1H</p>	Lug Kit				
	Required for Type E Manual Combination Starter	For 3RV with amp range: 0.11-22A up to 480V Max. 0.11-12.5A up to 575V Max	3RV2928-1H		
 <p>3RV2928-0B</p>	Mounting				
	Push-in Mounting Hole Kit For screw panel mounting of the 3RV	Four mounting holes required for each 3RV.	3RV2928-0B		
 <p>3RV2901-0H</p>	Sealing device				
	Adjustment Dial covers	For sealing the FLA adjustment dial (Kit includes 10 covers)	3RV2908-0P		
	Front mount auxiliary cover	For sealing the front mount auxiliary opening. (Kit includes 10 covers)	3RV2901-0H		
Door Operators					
	Thru-the-door operators Rotary operating mechanism, rated NEMA 12, lockable with up to 3 padlocks in the OFF position. Includes extension shift and connecting element for the 3RV.	With Black Handle	130 mm depth	3RV2926-0B	
			330 mm depth with supporting bracket	3RV2926-0K	

① 100% on time.
 ② 5 sec. max. on time.
 ③ Product Category: PILO.

④ Compatible for use in dusty atmospheres. Contacts rated for 1-300mA @ 3-60V.

Pilot Devices





Selection

Push Buttons and Selector Switches	Class	Enclosure Type	Controller Size or (Lighting Rating)	Type	Catalog Number	List Price \$			
 49SBPB5	14, 40, LC, LEN, CLM [Ⓞ]	Open	00-4	Start, Stop Push Buttons	49SAPB5				
				Hand-Off-Auto Selector Switch	49SASB1				
				Off-On Selector Switch	49SASB4				
		1	00-4 or (20–100A)	00-4 or (20–100A)	Start, Stop Push Buttons	49SBPB5			
					Hand-Off-Auto Selector Switch	49SBSB1			
					Off-On Selector Switch	49SBSB4			
			5-8 or (200–400A)	5-8 or (200–400A)	Start, Stop Push Buttons	49SAP05			
					Hand-Off-Auto Selector Switch	49SAS01			
					Keyed Hand-Off-Auto (key removable in all positions)	49SAS09			
		12, 4/4X	00-8 or (20–400A)	00-8 or (20–400A)	Off-On Selector Switch	49SAS04			
					Start, Stop Push Buttons	49SAP05			
					Hand-Off-Auto Selector Switch	49SAS01			
 49SBSB1	22, 43	Open	00-4	Forward-Off-Reverse Selector Switch	49SASB2				
				Forward-Off-Reverse Selector Switch	49SBSB2				
		1	00-4	5-8	Forward, Reverse, Stop Push Buttons	49SAP02			
					Forward-Off-Reverse Selector Switch	49SAS02			
		12, 4/4X	0-8	0-8	Forward, Reverse, Stop Push Buttons	49SAP02			
					Forward-Off-Reverse Selector Switch	49SAS02			
		 49SAP05	30 (2S1W)	Open	0-4	High-Off-Low Selector Switch	49SASB3		
						High-Off-Low Selector Switch	49SBSB3		
				1	0-1 3/4	2-4	High, Low, Stop Push Buttons	49SAP03	
							High-Off-Low Selector Switch	49SAS03	
				12, 4/4X	0-4	0-4	High, Low, Stop Push Buttons	49SAP03	
							High-Off-Low Selector Switch	49SAS03	
30 (2S2W)	1			0-4	High-Off-Low Selector Switch	49SASB3			
					High-Off-Low Selector Switch	49SBSB3			
					High, Low, Stop Push Buttons	49SAP03			
					High-Off-Low Selector Switch	49SAS03			
 49SAS01	17, 18, 36, 37, 83, 84, LED, LEF, LEB, CMN [Ⓞ] , CMF [Ⓞ] , CMB [Ⓞ]			1, 12, 4/4X	0-8 (20-400A)	Start, Stop Push Buttons	49SAP05		
						Hand-Off-Auto Selector Switch	49SAS01		
		Keyed Hand-Off-Auto (key removable in all positions)	49SAS09						
		Off-On Selector Switch	49SAS04						
		25, 26	1, 12, 4/4X	0-8	0-8	Forward, Reverse, Stop Push Buttons	49SAP02		
						Forward-Off-Reverse Selector Switch	49SAS02		
		32	1, 12, 4/4X	0-4	0-4	High, Low, Stop Push Buttons	49SAP03		
						High-Off-Low Selector Switch	49SAS03		

[Ⓞ] To be used for replacement of switch only. Does not include relay or extra contact block on 30-400A CLM and CM Lighting Contactors. Class 49SB not available for these devices.

Pilot Lights

Selection

Description	Class	Enclosure Type	Controller Size or (Lighting Rating)	Lens Color(s)	Legend(s)	Voltage	Catalog Number	List Price \$					
 <p>49SBLBF</p>	14, 40, 22 ^② , 43 ^② , 30 (2S2W) ^③ , LC, LEN, CLM	1	00-4 or (20-200A)	Red, Green, Amber	ON, RUN, OFF ^① , OL TRIPPED ^④ , FORWARD, REVERSE, LOW, HIGH	24 Vac	49SBLBJ						
						120 Vac	49SBLBF						
						208/240/277 Vac	49SBLBG						
						480 Vac	49SBLBH						
						600 Vac	49SBLBE						
						24 Vac (Full Voltage)	49SPLOBRJ						
	12, 4/4X	5-8 or (300-400A) 0-8 or (20-400A)	Red (Transformer Type)	ON	120 Vac	49SPLOBRF							
					240 Vac	49SPLOBRG							
					480 Vac	49SPLOBRH							
			Green (Transformer Type)		OFF ^①	600 Vac	49SPLOBRE						
						24 Vac (Full Voltage)	49SPLOAGJ						
						120 Vac	49SPLOAGF						
 <p>49SPL0BRF</p>	30 (2S1W) ^②	1	0-4	Red, Green, Amber		ON, RUN, OFF ^① , OL TRIPPED ^④ , FORWARD, REVERSE, LOW, HIGH	24 Vac	49SBLBJ					
							120 Vac	49SBLBF					
							208/240/277 Vac	49SBLBG					
					480 Vac		49SBLBH						
					600 Vac		49SBLBE						
					24 Vac (Full Voltage)		49SPLOBRJ						
	12, 4/4X	0-4	Red (Transformer Type)	ON	120 Vac	49SPLOBRF							
					240 Vac	49SPLOBRG							
					480 Vac	49SPLOBRH							
			Green (Transformer Type)		OFF ^①	600 Vac	49SPLOBRE						
						24 Vac (Full Voltage)	49SPLOAGJ						
						120 Vac	49SPLOAGF						
1, 12, 4/4X	0-6 (20-400A)	Red (Transformer Type)	ON	240 Vac		49SPLOBRG							
				480 Vac		49SPLOBRH							
				600 Vac		49SPLOBRE							
		Green (Transformer Type)		OFF ^①	24 Vac (Full Voltage)	49SPLOAGJ							
					120 Vac	49SPLOAGF							
					240 Vac	49SPLOAGG							
 <p>49SBLBL</p>	Lens Kit ONLY (30 (2S1W)) (14, 40, 22, 43, 30 (2S2W), LC, LEN, CLM)	1	0-1 3/4 00-4 or (20-200A)		Red, Green, Amber	—	—	49SBLBL					
 <p>LED bulb BA9s type Used to replace incandescent or LED bulbs^⑤</p>	—	—	—	Red Green Amber White	—	24 V AC/DC	52AED2						
							52AED3						
							52AED4						
							52AEDB						
							52AEB2						
							52AEB3						
—	—	—	—	Red Green Amber White	—	120 - 600 V AC/DC	52AEB4						
							52AEBB						

① "Off" PL requires: (1) N.C. aux contact, 49AB01 on sizes 00-4.
 ② Class 22, 25, 26, 30, 32, 43, 83 & 84 requires qty. of (2) pilot light kits. Does not apply to 49SB kits. Select appropriate legend plate as a separate item per

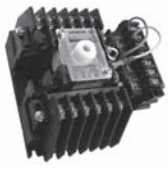
type of starter; either "FORWARD" & "REVERSE" or "LOW" & "HIGH".
 ③ 2S2W is starter size 0-4.
 ④ Includes NC aux contact for NEMA starter Size 0-4.

⑤ The "OL TRIPPED" pilot light with a bimetal OLR, requires the OLR to have a N.O. contact as well as a N.C. contact.
 ⑥ LED bulb applies to only 49SP* pilot lights. They do not apply to 49SB* pilot lights.

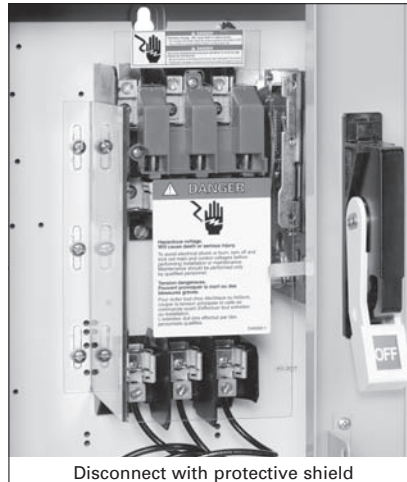
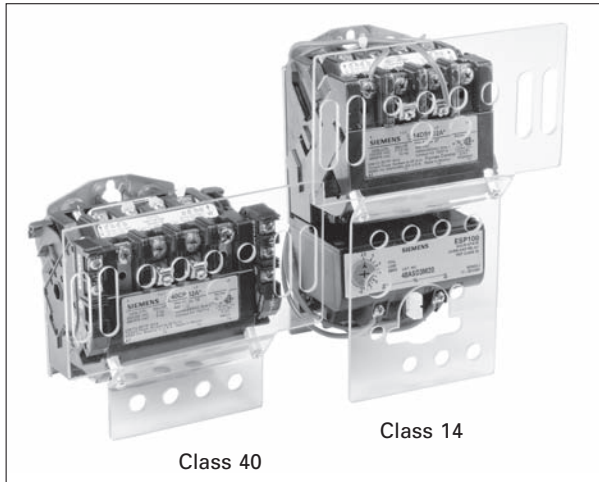
NEMA, Lighting and Heating Contactors, 20 Amp CLM, CMB, CMF, CMN

Selection

Solid State Control Module Kits For Lighting and Heating Contactors^①

	CLM 20 Amp Contactor Kit Description	Accessory	Catalog Number	List Price \$	Accessory	Catalog Number	List Price \$	Accessory	Catalog Number	List Price \$
	120V AC, 50/60 Hz	47 (2-Wire Control) (2W)	CLM4379771		48 (3-Wire Control) (3W)	CLM4379781		49 (Start/Stop Control) (3WS)	CLM4379791	
	24V AC/DC, 50/60 Hz		CLM4379772			CLM4379782			CLM4379792	
240/277V AC, 50/60 Hz	CLM4379773			CLM4379783			CLM4379793			

Protective Shielding for NEMA Products





Class 14, 22, 30, 40, 43

Contactor or Starter Size	00-1½	List Price \$	2-2½	List Price \$	3-3½	List Price \$	4	List Price \$
Contactor Shield Catalog Number	49PSC1		49PSC2		49PSC3		49PSC4	
Starter Shield Catalog Number	49PSS1		49PSS2		49PSS3		49PSS4	

Class 17, 25, 32, 87

Disconnect Size	Catalog Number	List Price \$
30A	49PSD5	
60 & 100A	49PSD6	
200A	49PSD7	







Power Pole Kits	Class	Enclosure type	Contactor Size (Amp)	Description	Field Kit Catalog No.
	LC	Open, 1, 12, 4/4X	30	Single power pole Double power pole	49LCP1A 49LCP2A
Electrically Held to Mechanically Held Conversion Modules	Class	Enclosure type	Contactor Size (Amp)	Description	Field Kit Catalog No.
	LC	Open, 1, 12, 4/4X	30	2-wire, 24VAC 2-wire, 110-120VAC 2-wire, 200-277VAC 3-wire, 24VAC 3-wire, 110-120VAC 3-wire, 200-277VAC	49LCCM1A 49LCCM2A 49LCCM3A 49LCCM4A 49LCCM5A 49LCCM6A

^① These kits are only for use with 20A mechanically held lighting contactors.



NEMA, Reduced Voltage and Lighting

Selection


Starter/Contactor Auxiliary Contact Kits

Description	Class	Size	Type	Catalog Number	List Price \$
	14, 17, 18, 22, 25, 26, 30, 32, 36, 37, 40, 43, 83, 84, 87, 88	00-4	1 NO	49AB10	
			1 NC	49AB01	
			1 NC Early Break	49AB01EB	
			1 NC Late Break	49AB01LB	
			1 NC Extra Late Break	49AB01XLB	
			1 NO Extra Late Make	49AB10XLM	
			1 NO & 1 NC	49AB11	
			2 NO	49AB20	
			4 NO	49AB40	
			3 NO & 1 NC	49AB31	
			2 NO & 2 NC	49AB22	
				14, 17, 18, 22, 25, 26, 36, 37, 40, 43, 87, 88	5, 6
1 NO & 1 NC	3RH1921-1DA11				
2 NC	3RH1921-1EA02				
	14, 17, 18, 22, 25, 26, 40, 43	7, 8	1 NO & 1 NC (Inside L or R)	49CAL18-11	
			1 NO & 1 NC (Outside L or R)	49CAL18-11B	
	LC	30	1 NO/NC	49LCAC1PA	
			2 NO/NC	49LCAC2PA	
	LE	20	Front Mounted 1 NO/NC	3RH2911-1HA11	
		30	Side Mounted 1 NO/NC	3RH2911-1DA11	
		60-400	Side Mounted 1 NO/NC	3RH1921-1EA11	
	CLM, CMN, CMF, CMB	20 Amps	1 NO/NC SPDT	CLM4097291	
			2 NO/NC SPDT	CLM4097292	
		30-200 Amps	1 NO & 1 NC	CLMFCAK11	
			2 NC	CLMFCAK02	
			2 NO	CLMFCAK20	
		300-400 Amps	1 Coil Clearing NO & NC	CLMFCCK11	
			1 NO & 1 NC	CLMHCAK11	
			2 NC	CLMHCAK02	
			2 NO	CLMHCAK20	
			1 Coil Clearing NO & NC	CLMHCCK11	

Disconnect Auxiliary Switch Kits

Description	Class	Disconnect Amp or CB Rating	Type	Catalog Number	List Price \$
Non-fusible or Fusible Type 	17, 25, 32, 37, 83, 84, 87, 88, LED, LEF, CMN, CMF	30 - 200A	2 NO/2 NC DPDT (NEMA A600)	HA261234	
MCP 	18, 26, 32, 37, 83, 84, 87, 88, LEB, CMB	3A-125A	1 NO/1 NC 240V	A02ED62	
		250A	1 NO/1 NC 480V	A02FD64	
		400A-600A	(2) 1 NO/1 NC SPDT-480V	A02JLD64	

Control Power Transformer Kits^{①③}

Description	Recommended Transformer Size		VA Rating	Catalog Number	List Price \$	Transformer Table				
	Control Size	Transformer VA				Primary Volts	Secondary Volts	Code		
 Transformer 50/60HZ	00-2½	45 or 50 ^②	45 VA	KT*050 ^{②③}		120	24	1		
	3-3½	75	50 VA	KT*050P ^③		208	24	G		
	4	150	100 VA	KT*100		208	120	H		
	5-6	150	150 VA	KT*150		240/480	24	4		
	7-8	300	200 VA	KT*200		240/480	120	8		
	Lighting Control		300 VA	KT*300		277	24	5		
	CLM		500 VA	KT*500		277	120	7		
	20A, 2 - 12P	150	Replace * with code from Transformer table. Kits used with NEMA 1 general purpose lift-off cover type require extra wide enclosure. Class 14 Sizes 0-2½ Class 30 (2S2W) Sizes 0-2½ Class 30 (2S1W) Sizes 0-1½				600	24	6	
	30A, 3P	100					600	120	9	
	30A, 6 - 12P	200								
	60A, 3P	100								
	60A, 4 - 6P	150								
	60A, 8 - 12P	250								
	100/200A, 3P	200								
	100/200A, 5P	250								
300/400A, 3P	250									
LC & LE										
LC 30A, 2-12P	100									
LE 20, 30, 60A, 3 & 4P	45									
LE 30A, 6P	45									
LE 30A, 9-12P	100									
LE 60A, 6-12P	150									
LE 100, 200A, 3P	100									
LE 300, 400A, 3P	150									

① Installation of CPTs may require a larger enclosure.
② 45VA transformer kits will include secondary but not primary fusing. Sizes 50VA and higher include










2-pole primary fusing and 1-pole secondary fusing.

③ For 24VAC control a minimum of 100VA CPT is required.

ESP200 Accessories

Selection

Accessories

Description			Catalog Number	List Price \$
	ESP200 Tamper Resistance Cover		49ASTC1 3UB89848	
	ESP100/200 Mounting Plate	Frame Size	Controller Size	
		A or A1	00 - 1 3/4	49ASMP1
		B	2 -2 1/2	49ASMP2
		B	3-4	49ASMP3
	Mounting Kit		49ASMS1	
	Universal Reset Operator 8" for class 36, 37 and 87 in NEMA 1, 12 and 3/3R		49MARB	
	Single Reset (blue) for class 14, 17, 18, 22, 25, 26, 30 and 32 in NEMA 1, 12 and 4/4X		49MBRS	
	Single Reset (red) for class 14, 22 and 30 in NEMA 4/4X		49MARSR	
	ESP200 Reset Extender		49ASRE	
	Protective Boot Offers protection from ice and foreign substances from interfering with button operation. For use with 49MARSR reset.		52AABA	
	Current Transformer 300:5 use with 3UB81234JW2		97CT005	
	Current Transformer 400:5 use with 3UB81234KW2		97CT006	
	Current Transformer 600:5 use with 3UB81234LW2		97CT008	
	Current Transformer 750:5 use with 3UB81234MW2		97CT009	
	Current Transformer 1200:5 use with 3UB81234NW2		97CT012	

Miscellaneous Kits






Description	Class	Encl. Type	Controller Size	Catalog Number	List Price \$								
 <p>Mechanical Interlock for Horizontally Mounted Contactors</p>	Includes wire	14, 40	Open	00-1 1 1/4 2, 2 1/2 3, 3 1/2 4	49CCF22H 49EEF22H 49GGF22H 49HHP22H 49JJC22H								
	Interlock Only			5, 6	3RA1954-2A								
	Wire Kit Only	14, 40	Open	5 6	3RA1963-2A 3RA1973-2A								
	Base Plate Only			5 6	3RA1962-2A 3RA1972-2A								
	Mechanical Interlock	14, 40	Open	7 8	49VM750H 49VM1650H								
	Includes wire & mounting plate	14, 40	Open	00-1 1 1/4 2, 2 1/2 3, 3 1/2 4	49CCF22HP 49EEF22HP 49GGF22HP 49HHP22HP 49JJC22HP								
Includes mounting plate (Different Frame Sizes)	14, 40	Open	Left 2, 2 1/2 3, 3 1/2	Right 3, 3 1/2 2, 2 1/2	49L107944 49L107945								
 <p>Surge Suppressor</p>	Surge Suppressor for 120V AC coil. Limits transient voltage produced by the coil to 220% maximum peak line volts.	All but Class LC, LE, CLM	All	00-4 ^①	49D26344								
 <p>Auxiliary Power Pole</p>	NO 36A at 600V AC Max NC 25A at 600V AC Max	All but Class LC, LE, CLM	All	00-1 1/4	49SAF0 49SAFC								
 <p>Main Contacts Lighting Contactors</p>	Top or Bottom, 2-Pole Top, 3-Pole Top or Bottom, 4-Pole Top or Bottom, 6-Pole	CLM	All	20 Amps	CLM4097331 CLM4097332 CLM4097333 CLM4097334								
 <p>Load Side Power Take Off Kit</p>	Includes 3 power lugs for making extra connections to the load side of the contactor	All but Class LC, LE, CLM	All	00-1 1/4	49SAE								
 <p>Lug Kit for Contactors</p> <table border="1"> <thead> <tr> <th>Item</th> <th>Wire Range</th> </tr> </thead> <tbody> <tr> <td>49SAAF</td> <td>2-14</td> </tr> <tr> <td>49SAAH</td> <td>2/0-14</td> </tr> <tr> <td>75D35994001</td> <td>250MCM-6</td> </tr> </tbody> </table>	Item	Wire Range	49SAAF	2-14	49SAAH	2/0-14	75D35994001	250MCM-6	For AL/CU Wire	14, 40	All	2-2 1/2 3-3 1/2 4 Line 4 Load	49SAAF ^③ 49SAAH ^③ 75D35994002 ^③
	Item	Wire Range											
	49SAAF	2-14											
49SAAH	2/0-14												
75D35994001	250MCM-6												
For AL/CU Wire	14, 40	All	5, 6		3RT1966-4G ^②								
Use CU Only	14, 40	All	7 8		49ZATK750-3 ^② 49ZATK1650-6 ^②								
 <p>Three Conductor Ground Lug Kit Meets UL 508 and CSA Standard 22.2 No 14-1973</p>	2-14 AWG AL/CU Wire	All	All	All	75D28182001								
 <p>Lightning Arrestor</p>		All	All	All	49D45584002								
 <p>Backspin Timer</p>	On delay timer that reduces risk of starting into a backspin	87, 88	All	All	3RP2025-1AQ30 3RP2025-1AP30								
 <p>Hole Plug</p>	Covers the hole that is typically used for the conduit hub	87	All	1-4	49D41149006								
 <p>Hole Plug</p>	Covers the hole in the enclosure door/cover normally filled by overload reset 49MBRS. Hole plug is used for enclosed contactors.	40, 43, LC, LE, CLM & CM	1	All	49MZPB2								

Illustration	Description	Contactors	Wire Size	Catalog Number	List Price \$
 <p>3RT1966-4G</p>	<p>Lug Kit</p> <p>1 Kit = 1 Terminal block. 1 kit necessary for each line and load.</p>	<p>NEMA size 4 (Vacuum)</p> <p>NEMA size 5</p> <p>NEMA size 6</p>	<p>2/0 to 600 MCM, max. one 500MCM & one 600MCM</p>	3RT1966-4G	

① Surge Suppression for NEMA sizes 5 – 8 are supplied internal with the coil. For size 4 panel mount.

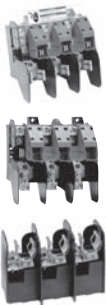
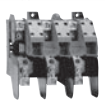

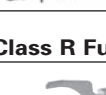

② Only 3 lugs are supplied for line or load. If lugs for line and load are required order 2 kits.

③ Lug Kit for contactors include 3 lugs for line or load. 75D35994001 for line side. 75D35994002 for load side.


NEMA Accessories

Selection


Fused and Non-Fused Disconnect Switch Kits^②

	Basic Switch Ampere Rating	Switch Catalog Number Non-Fused	List Price \$	Switch Catalog Number Fused	List Price \$	Kit Description	Load Base Catalog Number Class J	List Price \$	Load Base Catalog Number Class H ^③	List Price \$	Lug Wire Size
	30	HNB612		HFB21		30A, 250V	—	—	HBB21		#14-2 AWG (Cu/Al)
				HFB612		30A, 600V	HBB612				
	60	HNB623		HFB22		60A, 250V	—	—	HBB22		#14-2 AWG (Cu/Al)
				HFB62		60A, 600V	HBB62				
	100	HNB623		HFB63		100A, 250V	—	—	HBB63		#14-1/0 AWG (Cu/Al)
						100A, 600V	HBB63				
	200	HNB64		HFB64		200A, 250V	—	—	HBB64		#6-300 AWG (Cu/Al)
						200A, 600V	HBB64				


Class R Fuse Conversion Kits

	Catalog Number	Description	List Price \$
	HR21	30A, 240V	
	HR612	30A, 600V	
	HR612	60A, 240V	
	HR62	60A, 600V	
	HR63	100A, 240/600V	
	HR64	200A, 240/600V	

Hazardous Location Accessories For Enclosure Types 7 & 9

		Description	Conduit Size Inches	Catalog Number	List Price \$
Breather/Drain		Install in bottom as drain. Install in top as breather. Suitable for Class I groups C & D and for Class II groups F & G applications only, for 1/2" NPT.		51AADB	

Metal Conduit Hubs

Description	Conduit Size	Class	Controller Size	Enclosure Type	Milbank Catalog No. ^④
	1"	87	All	3R	A7514
	1 1/2"				A7516
	2"				A7517
	2 1/2"				A7518

^① Product Category: PILO.
^② Product Category: HDSS.



^③ For Class R fuses order Class H kit from this table and the Class R conversion kit.

^④ Milbank catalog numbers are for reference only. Milbank conduit hubs are not sold by Siemens but can be purchased at a typical electrical hardware and supply distributor.

NEMA, Overload Relays

Selection

Sirius 3RB20

Illustration	Description	For Overload Type	Catalog Number	List Price \$	
 Reset plunger with reset button  Flexible reset	Reset mechanisms				
	Reset plunger Mounts directly to overload relay. Requires separate reset operator in enclosure door. Kit includes reset plunger, holder and funnel.	3RB206	3RU1900-1A		
	Flexible cable reset mechanism Requires a 6.5 mm hole in the enclosure with a maximum enclosure thickness of 8 mm.	Cable length 15.75 in (400mm)	3RB206	3RU1900-1B	
		Cable length 23.62 in (600mm)		3RU1900-1C	
Covers Tamper resistant cover for current setting and manual/automatic reset button.	3RB206	3RB2984-0			






Competitive Retrofit Overload Plates

Manufacturer	NEMA Size	Plate Part Number	List Price \$
A-B	0, 1	49D57090	
A-B	2	49D57161	
Sq. D	0, 1	49D57091	



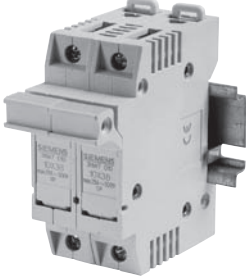


Electronic Coil System with Remaining Lifetime Indication and 24VDC PLC Output

Class	Size	Model Type	21 - 27V		96 - 127V		200 - 277V	
			Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
All	5	P	–	–	3RT1965-5PF31		3RT1965-5PP31	
		V	–	–	3RT1966-5PF31		3RT1966-5PP31	
	6	P	–	–	3RT1975-5PF31		3RT1975-5PP31	
		V	–	–	3RT1976-5PF31		3RT1976-5PP31	

Fuse Blocks, Touch-Safe Terminal Covers

Catalog Number	Description	List Price \$
KCCF1G	SECONDARY FUSE BLOCK, 1P, 250V MAX	
 KCCFBCK	SINGLE POLE FUSE BLOCK COVER KIT	
 KCCFP2RG	2 Pole PRIMARY FUSE BLOCK, 2P, 600V MAX (block only)	
 KCCFPX2R	2 Pole PRIMARY FUSE BLOCK KIT with wire Leads	
US2:49FCCPT	Secondary Fuse Clips, 2 per pack	
US2:49JUCPT	Terminal Jumpers	
 US2:KCCSECFVR	Terminal touchsafe cover Secondary Side: VAs 45 thru 350	
 US2:KCCSECFVR2	Terminal touchsafe cover Secondary Side: VAs 500 thru 2K	
US2:KCCFP3POLE	3 pole fuse blk (2 pole primary and 1 pole secondary)	

International Fusing[Ⓞ]

Catalog Number	Description	List Price \$
 8WA1011-1SF12	1-Pole Fuse Block, Touch-Safe. Up to 6.3A for 5 mm × 20 mm or 5 mm × 25 mm (Requires DIN Rail Mounting)	
 3NW7013	1-Pole Fuse Block, Touch-Safe 32A, for 10 × 38 mm Cylindrical Fuses. (Requires DIN Rail Mounting.)	
 3NW7023	2-Pole Fuse Block, Touch-Safe 32A, for 10 × 38 mm Cylindrical Fuses. (Requires DIN Rail Mounting.)	
 3NW7111	1-Pole Fuse Block, Touch-Safe 4-50A, for 14 × 51 mm Cylindrical Fuses. (Requires DIN Rail Mounting.)	
 8WA1815	Fuse Block DIN Rail Mounting for separate screw mounting to panel. (Max 2-pole 2-25A size per rail.) (Max 1-pole 4-50A size per rail.)	

Ⓞ Product Category: IEC.