

Fast. Easy. Reliable

Controls Express

A wide selection of enclosed NEMA controls now available with faster shipping as a standard.

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Starters at the speed you need

Siemens NEMA starters, and lighting contactors are known for their dependability and ruggedness, and now they are delivered faster than ever before through Controls Express.

Controls Express puts many of our most popular products in our customers' hands faster, because we stock more products across our entire product line. Our Class 14 NEMA starters, Class 82 pump panels, Class 87 pump panels, and LC & LE lighting contactors are now available for immediate or next day shipping. In addition, thousands of our open and enclosed starters are now built-to-order and shipped in 1-3 days through Controls Express.

We are committed to making your job easier by stocking more products, offering more configurations, expediting factory modifications, and delivering industry leading turnaround times on our most requested control technologies.

All Controls Express items are returnable under the standard Siemens return policy.

Ready when you are

The following Class 14 starters, Class 82, Class 87 pump panels, and LC & LE lighting contactors are maintained in stock and are available for same day or next day shipping (based on the time of day when the order is received) to customers throughout North America.

Controls Express lead times apply to orders of up to 6 units of either the Class 14, Class 82, Class 87, LC, or LE — please be sure to contact customer service at 1-866-663-7324 for lead times of larger order volumes.



Enclosed NEMA Starters

In stock and available

Siemens starters in NEMA enclosures are capable of withstanding the most severe and demanding industrial, continuous duty applications. We offer a complete and diverse range of NEMA-enclosed starters that include motor-matched half sizes, in addition to standard full NEMA sizes.

The Controls Express NEMA Starter stock offering includes the following:

- 3-phase, full voltage NEMA rated or half-size rated contactor
- ESP200 solid state overload relay
- Common base plate for the contactor and overload relay
- NEMA 1 general purpose enclosure with an overload reset button mounted to the cover



Class 14



Starters with ESP200 Solid State Overload Relays in stock

Max HP				NEMA Size	Half Size	Coil Voltage	Overload		Enclosure
200 Volts	230 Volts	460 Volts	575 Volts				Amp Range	Frame Size	NEMA 1 General Purpose Catalog #
1/2	3/4	1 1/2	2	00		120v/240v	0.75-3.4	A	14BUB32BA
1 1/2	1 1/2	2	- -	00		120v/240v	3-12	A1	14BUC32BA
1/2	3/4	1 1/2	2	0		120v/240v	0.75-3.4	A	14CUB32BA
2	2	5	5	0		120v/240v	3-12	A1	14CUC32BA
3	3	- -	- -	0		120v/240v	5.5-22	A1	14CUD32BA
2	2	5	5	1		120v/240v	3-12	A1	14DUC32BA
3	3	10	10	1		120v/240v	5.5-22	A1	14DUD32BA
3	3	10	10	1		240v/480v	5.5-22	A1	14DUD32BC
7 1/2	7 1/2	- -	- -	1		240v/480v	10-40	A1	14DUE32BC
7 1/2	7 1/2	- -	- -	1		120v/240v	10-40	A1	14DUE32BA
10	10	15	15		1 3/4	120v/240v	10-40	A1	14EUE32BA
10	15	25	25	2		120v/240v	13-52	B	14FUF32BA
10	15	25	25	2		240v/480v	13-52	B	14FUF32BC
25	30	50	50	3		120v/240v	25-100	B	14HUG32BA

Pump Panels

In stock and available

The Controls Express Pump Panel stock offering includes the following:

- NEMA type 3R rainproof enclosure
- The enclosure is fabricated with galvanized steel versus conventional cold rolled steel for superior corrosion resistance.
- ESP200 solid-state overload relay
- Hand-off-auto selector switch
- Start pushbutton

Typical applications include:

- Crop irrigation
- Sprinklers, misters and soakers
- Watering for livestock and other daily applications
- Ground dewatering for excavation and construction sites



Class 82 Slim Line NEMA Pump Panel

Siemens introduces its new Class 82 slim line NEMA Pump Panel. This newest addition to the already extensive line of Siemens pump panels was designed specifically for the agricultural market. It is well suited for irrigation and similar pumping applications and is built to withstand the harsh elements of the outdoors.

What is special about the Class 82 Slim Line NEMA pump panel?

- Simplicity and its compact lightweight design make this an attractive solution to budgeting challenges.
- The contactor is NEMA rated to provide reliable motor control and protection expected in the most demanding applications.
- 3-point terminal strips for both power and control connections are included as standard for convenient field connections.



Class 82

- Its size and weight is about half that of the Class 87 which increases the ease of installation. The Siemens Class 82 Pump Control Panels are designed to withstand the most demanding environments. Typical applications include irrigation, agriculture, petrochemical, wastewater treatment and wherever motor control is challenged by harsh elements.

Class 87 NEMA Pump Panel

The Siemens Class 87 Pump Control Panels are designed to withstand the most demanding environments. Typical applications include irrigation, agriculture, petrochemical, wastewater treatment and wherever motor control is challenged by harsh elements.



Class 87



Pump Panels with ESP200 Overload Relays in stock

Max HP				NEMA Size	Half Size	Overload		Disconnect Type Amp / Volts	Coil Voltage	Enclosure NEMA 12/3R Catalog #
200 Volts	230 Volts	460 Volts	575 Volts			Amp Range	Frame Size			
- -	- -	7 1/2	10	1		5.5-22	A1	Fusible, 30A/600V	120v/240v	87DUD6FA
- -	- -	7 1/2	10	1		5.5-22	A1	Fusible, 30A/600V	240v/480v	87DUD6FC
3	3	- -	- -	1		5.5-22	A1	Fusible, 30A/250V	240v/480v	87DUD6LC
7 1/2	7 1/2	- -	- -	1		10-40	A1	Fusible, 30A/250V	240v/480v	87DUE6LC
7 1/2	7 1/2	10	- -	1		10-40	A1	Circuit Breaker, 30A	240v/480v	87DUE6MC
- -	- -	15	25	2		13-52	B	Fusible, 60A/600V	120v/240v	87FUF6FA
- -	- -	15	25	2		13-52	B	Fusible, 60A/600V	240v/480v	87FUF6FC
10	15	- -	- -	2		13-52	B	Fusible, 60A/250V	240v/480v	87FUF6LC
10	15	25	25	2		13-52	B	Circuit Breaker, 50A	240v/480v	87FUF6MC
- -	- -	30	30	2 1/2		13-52	B	Fusible, 60A/600V	240v/480v	87GUG6FC
- -	- -	50	50	3		25-100	B	Fusible, 100A/600V	120v/240v	87HUG6FA
- -	- -	50	50	3		25-100	B	Fusible, 100A/600V	240v/480v	87HUG6FC
20	25	- -	- -	3		25-100	B	Fusible, 100A/250V	240v/480v	87HUG6LC
25	30	50	50	3		25-100	B	Circuit Breaker, 100A	240v/480v	87HUG6MC
- -	- -	75	75		3 1/2	50-200	B	Fusible, 200A/600V	240v/480v	87IUH6FC
- -	- -	100	100	4		50-200	B	Fusible, 200A/600V	120v/240v	87JUH6FA
- -	- -	100	100	4		50-200	B	Fusible, 200A/600V	240v/480v	87JUH6FC
NEW Class 82 Pump Panel										
- -	- -	5		1		3-12	A1	Fusible, 30A/600V	480VAC 60HZ	82ADC6FBH
- -	- -	10		1		5.5-22	A1	Fusible, 30A/600V	480VAC 60 HZ	82ADD6FBH
7 1/2	- -	- -		1		10-40	A1	Fusible, 30A/250V	220VAC 50HZ / 240VAC 60HZ	82ADE6FAG
Available January, 2017										
- -	**- -**	**25**		**2**		**13-52**	**B**	**Fusible, 60A/600V**	**480VAC 60HZ**	**82AFF6FDH**
- -	**15**	**- -**		**2**		**13-52**	**B**	**Fusible, 60A/250V**	**220VAC 50HZ / 240VAC 60HZ**	**82ADD4FCG**



Lighting Contactors

In stock and available

Siemens Lighting Contactors can be used individually for simple control schemes or as integral components in full-featured lighting control systems. They provide reliable and efficient means of local or remote switching of lighting as well as non-inductive loads. Rugged construction, heavy-duty ratings and a wide selection of control options and accessories makes the Siemens Lighting Contactors the right choice for lighting applications.

The Controls Express Lighting Contactor offering includes the following:

Class LC

- Electrically held with contacts rated up to 30A at 600V - Open or in a NEMA 1 general purpose enclosure
- Power poles can easily be added at any time based on changing need
- Power poles can be field converted from NO to NC
- Device convertible to mechanically held with conversion kit

Class LE

- Electrically held with contacts rated 20 - 400A at 600V
- Open or in a NEMA 1 general purpose enclosure
- Built-in auxiliary contacts for convenient 3-wire control

Type	Contactor Type	Amp Rating	Normally Open Poles	Coil Voltage	Enclosure	
					Open Catalog #	NEMA 1 General Purpose Catalog #
	LC	30A	3	120V	LCE00C003120A	LCE01C003120A
			6	120V	LCE00C006120A	LCE01C006120A
			8	120V	LCE00C008120A	LCE01C008120A
			10	120V	LCE00C010120A	LCE01C010120A
			12	120V	LCE00C012120A	LCE01C012120A
	LE	20A	3	120V	LEN00B003120B	LEN01B003120B
			4	120V	LEN00B004120B	LEN01B004120B
		30A	3	120V	LEN00C003120B	LEN01C003120B
			4	120V	LEN00C004120B	LEN01C004120B
			6	120V	-	LEN01C006120B
		60A	3	120V	LEN00D003120B	LEN01D003120B
		100A	3	120V	LEN00E003120B	LEN01E003120B
		200A	3	120V	-	LEN01F003120A

Accessory	Contactor Type	Contactor Size	Description	Catalog #
Power Pole Kits	LC	30A	Single power pole	49LCPP1A
			Double power pole	49LCPP2A
Electrically Held to Mechanically Held Conversion Kit	LC	30A	2-wire, 110-120VAC	49LCCM2A
			3-wire, 110-120VAC	49LCCM5A
Auxiliary Contacts	LC	30A	1 NO or 1 NC based on mounting position	49LCAC1PA
			2 NO or 2 NC based on mounting position	49LCAC2PA
	LE	20A	1 NO & 1 NC front mounted	3RH2911-1HA11
		30A	1 NO & 1 NC side mounted	3RH2911-1DA11
		60 - 200A	1 NO & 1 NC side mounted	3RH1921-1DA11

Faster delivery on over 2,000 non-stock Enclosed Starters

(No factory modifications)

Build-to-order items without modifications

As part of the Controls Express, we have also included over 2,000 of the most popular Siemens enclosed NEMA starter styles without modifications. These include:

- Class 14 non-reversing NEMA starters
- Class 17 fusible and non-fusible combination starters
- Class 18 circuit breaker type combination starters
- Class 40 3-pole contactors
- Class 87 pump panels
- LC, LE & CLM lighting contactors

For orders of up to 6 pieces, the lead time for each of these build-to-order items will now be 1-2 days. You can view a complete listing of the Controls Express starters at www.usa.siemens.com/controls-express.



Class 17

Combination Starters with factory modifications

Build-to-order items with modifications

Combination Starters with factory modifications In addition to the build-to-order items described above, Controls Express can provide rapid delivery on a range of common Class 17 fusible and non-fusible Combination Starters that include the most commonly requested factory modifications. The Combination Starters come with 120VAC coils and are available in NEMA 1 and NEMA 12/3R enclosures. The shipping process starts as soon as the order is received, resulting in a rapid 3-day turnaround time.

Class 17 Combination Ordering Information
- Replace the (*) with the M# from the Mod Table Example: Base part#: 17CUC92BF Factory Mods wanted: 1.) Hand-Off-Auto Selector Switch (A3) 2.) Red On Pilot Light (FA) 3.) Green Off Pilot Light (FK) 4.) CPT with Sec. Fusing 480/240:120V (BA) Mod Group = M30 New Factory Modified Starter Part# = 17CUC92BFM30



Class 17

Made to order items with Mods

Non-Fusible with Solid State Overload, Class 17 with 120VAC Coil

Max Hp				NEMA Size	Overload		Disc Amp Rating	Enclosure
								NEMA 1 General Purpose
200 VAC	230 VAC	460 VAC	575 VAC		Amp Range	Frame Size		Catalog #
2	2	5	5	0	3-12	A1	30	17CUC92BF*
2	2	5	5	1	3-12	A1	30	17DUC92BF*
3	3	10	10	1	5.5-22	A1	30	17DUD92BF*

Fusible with Solid State Overlay, Class 17 with 120VAC Coil

Max Hp				NEMA Size	Overload		Disc Amp Rating	Fuse Clip Amp/Volts	Enclosure	
									NEMA 1 General Purpose	NEMA 12 NEMA 3/3R† Industrial Use Weatherproof
200 VAC	230 VAC	460 VAC	575 VAC		Amp Range	Frame Size			Catalog #	Catalog #
-	-	1 1/2	2	0	0.75-3.4	A	30	30A/600V	17CUB92BF11*	
2	2	-	-	0	3-12	A1	30	30A/250V	17CUC92BF10*	
-	-	5	5	0	3-12	A1	30	30A/600V	17CUC92BF11*	17CUC92NF11*
2	2	-	-	1	3-12	A1	30	30A/250V	17DUC92BF11*	
-	-	10	10	1	5.5-22	A1	30	30A/600V	17DUD92BF11*	17DUD92NF11*
-	-	25	25	2	13-52	B	60	60A/600V	17FUF92BF13*	17FUF92NF13*

† *These two part numbers come standard as NEMA 12 enclosures, and require an additional field kit to convert enclosures to NEMA 3/3R. Please refer to tables on page 17/99 of the SpeedFax.*

Factory Mod Groups

	Operator Type	On Light	Off Light	CPT	Mod Suffixes	Mod Group
Class 17 Controls Express Mods	Start-Stop Pushbuttons (A1)	Red On Pilot Light (FA)	None	None	A1,FA	**M24**
				CPT Sec. Fuse 480/240:120V (BA)	A1,FA,BA	**M32**
				CPT Pri/Sec Fuse 480/240:120V (DA	A1,FA,DA	**M40**
			Green Off Pilot Light (FK)	None	A1,FA,FK	**M25**
				CPT Sec. Fuse 480/240:120V (BA)	A1,FA,Fk,BA	**M33**
				CPT Pri/Sec Fuse 480/240:120V (DA)	A1,FA,FK,DA	**M41**
	Start-Stop Pushbuttons (A1) & Hand-Off-Auto Selector Switch (A3)	None	Green Off Pilot Light (FK)	None	A1,A3,FK	**M23**
				CPT Sec. Fuse 480/240:120V (BA)	A1,A3,FK,BA	**M31**
				CPT Pri/Sec Fuse 480/240:120V (DA)	A1,A3,FK,DA	**M39**
	Hand-Off-Auto Selector Switch (A3)	None	None	None	A3	**M20**
				CPT Sec. Fuse 480/240:120V (BA)	A3,BA	**M28**
				CPT Pri/Sec Fuse 480/240:120V (DA)	A3,DA	**M36**
		Red On Pilot Light (FA)		None	A3,FA	**M21**
				CPT Sec. Fuse 480/240:120V (BA)	A3,FA,BA	**M29**
				CPT Pri/Sec Fuse 480/240:120V (DA)	A3,FA,DA	**M37**
			Green Off Pilot Light (FK)	None	A3,FA,FK	**M22**
				CPT Sec. Fuse 480/240:120V (BA)	A3,FA,FK,BA	**M30**
				CPT Pri/Sec Fuse 480/240:120V (DA)	A3,FA,FK,DA	**M38**
		Red On PTT Pilot Light (FS)	None	None	A3,FS	**M26**
				CPT Pri/Sec Fuse 480/240:120V (DA)	A3,FS,BA	**M34**
				CPT Pri/Sec Fuse 480/240:120V (DA)	A3,FA,DA	**M42**
			Green Off PTT Pilot Light (FU)	None	A3,FS,FU	**M27**
				CPT Sec. Fuse 480/240:120V (BA)	A3,FS,FU,BA	**M35**
				CPT Pri/Sec Fuse 480/240:120V (DA)	A3,FS,FU,DA	**M43**

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