

A delivery person in a grey uniform and black cap is shown from the side, carrying a large cardboard box. A clipboard with a checklist is attached to the box. The person is also holding a Siemens envelope in their other hand. The background is a clear blue sky.

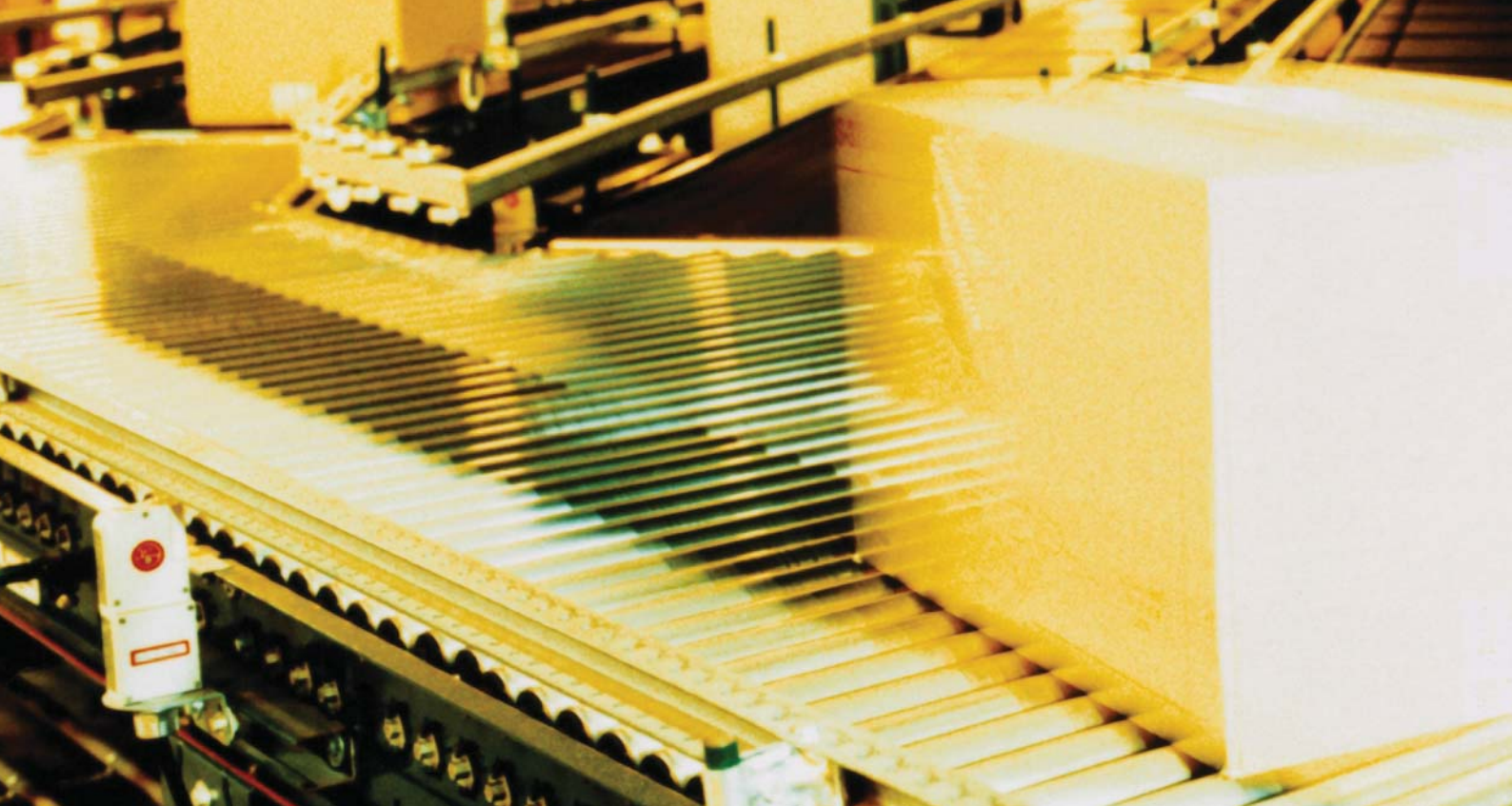
SIEMENS

Controls Express

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

Fast. Easy. Reliable.

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Starters at the Speed You Need

Siemens NEMA starters and Solid State Soft Starters 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 87 pump panels, and Class 74 enclosed soft starters are now available for immediate or next day delivery. In addition, thousands of our open and enclosed starters can now be 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.

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

Ready When You Are

The following Class 14 starters, Class 87 pump panels and Class 74 enclosed soft starters are maintained in stock at our West Chicago facility (E290) 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 or Class 87 and 2 units of the Class 74 — please be sure to contact customer service at 1-866-663-7324 for lead times of larger order volumes.



Enclosed NEMA Starters

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 or thermal overload relay for replaceable heaters
- 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

Class 14 Starters with NEMA 1 Enclosures	
14BUB32BA	Starter,FVNR SZ00,0.75-3.4Amps,N1,120/24
14CP32BA81	Starter,FVNR SZ0,Thermal OL,N1,120/240
14CUB32BA	Starter,FVNR SZ0,0.75-3.4Amps,N1,120/240
14CUC32BA	Starter,FVNR SZ0,3-12Amps,N1,120/240V
14CUC32BF	Starter,FVNR SZ0,3-12Amps,N1,120V
14CUD32BA	Starter,FVNR SZ0,5.5-22Amps,N1,120/240V
14DUC32BA	Starter,FVNR SZ1,3-12Amps,N1,120/240V
14DUD32BA	Starter,FVNR SZ1,5.5-22Amps,N1,120/240V
14DUD32BC	Starter,FVNR SZ1,5.5-22Amps,N1,240/480V
14DUE32BC	Starter,FVNR SZ1,10-40Amps,N1,240/480V
14DUE32BA	Starter,FVNR SZ1,10-40Amps,N1,120/240V
14EUE32BA	Starter,FVNR SZ1 3/4,10-40Amps,N1,120/24
14FUF32BA	Starter,FVNR SZ2,13-52Amps,N1,120/240V
14FUF32BC	Starter,FVNR SZ2,13-52Amps,N1,240/480V
14HUG32BA	Starter,FVNR SZ3,25-100Amps,N1,120/240V
14BUC32BA	Starter,FVNR SZ00,3-12Amps,N1,120/240V



Pump Panels

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.

The Controls Express Pump Panel stock offering includes the following:

- NEMA type 3R rainproof enclosure
- Heavy duty disconnect handle and a fusible switch or circuit breaker
- Three-phase full voltage starter with a 120/240V or 240/480V coil
- ESP200 solid state overload relay
- Removable auxiliary panel for mounting accessories
- Hand-off-auto selector switch
- Start pushbutton



Class 87

Class 87 Pump Panel with NEMA 3R Enclosures

87DUC6FC	Pump Panel SZ 1, 3-12A, Fusible 30A, 240/480V
87DUD6FA	Pump Panel SZ 1, 5.5-22A, Fusible 30A, 120/240V
87DUD6FC	Pump Panel SZ 1, 5.5-22A, Fusible 30A, 240/480V
87DUE6LC	Pump Panel SZ 1, 10-40A, Fusible 30A/250V, 240/480V
87EUE6FC	Pump Panel SZ 1 3/4, 10-40A, Fusible 30A, 240/480V
87FUF6FA	Pump Panel SZ 2, 13-52A, Fusible 60A, 120/240V
87FUF6FC	Pump Panel SZ 2, 13-52A, Fusible 60A, 240/480V
87FUF6MC	Pump Panel SZ 2, 13-52A, CB 50A, 240/480V
87GUG6FC	Pump Panel SZ 2 1/2, 25-100A, Fusible 60A, 240/480V
87HUG6FA	Pump Panel SZ 3, 25-100A, Fusible 100A, 120/240V
87HUG6FC	Pump Panel SZ 3, 25-100A, Fusible 100A, 240/480V
87HUG6MC	Pump Panel SZ 3, 25-100A, CB 100A, 240/480V
87IUH6FC	Pump Panel SZ 3 1/2, 50-200A, Fusible 200A, 240/480V
87JUH6FA	Pump Panel SZ 4, 50-200A, Fusible 200A, 120/240V
87JUH6FC	Pump Panel SZ 4, 50-200A, Fusible 200A, 240/480V



Enclosed Soft Starters

We have taken the most popular modifications in our Class 74 family of enclosed 3RW44 soft starters, included them in a standard part number, and have them in stock and ready to ship within 1-3 days. By ordering the select styles, customers can now receive these enclosed soft starters 85% faster than standard lead times.

Faster delivery is not the only benefit. By offering a limited range of select styles with modifications, selection is super easy.

The Controls Express Soft Starter stock offering includes the following:

- 3RW44 for handling the widest range of applications
- Circuit breaker disconnect to provide short circuit protection
- NEMA 4 rated enclosure to provide flexible application including outdoor ratings and can be used in place of NEMA 1, 12 or 3R enclosures
- 480/240V - 120V Control Power Transformer built-in (factory configured for 480V)
- Built-in pilot devices include a run pilot light, a start pushbutton, and a HOA selector switch for the most common user interaction



Class 74

Class 74 Enclosed Soft Starters[†]

74ET34EFAPS3FA	RVSS,3RW44,CB,480V,50HP
74HT34EFAPS3FA	RVSS,3RW44,CB,480V,75HP
74JT34EFAPS3FA	RVSS,3RW44,CB,480V,100HP
74LT34EFAPS3FA	RVSS,3RW44,CB,480V,150HP
74MT34EFAPS3FA	RVSS,3RW44,CB,480V,200HP
74PT34EFAPS3FA	RVSS,3RW44,CB,480V,300HP

[†]HP ratings are at standard Class 10 light duty rating (350% * FLA for less than 10s). Start times greater than 10s should be derated one size up for a maximum 20s start time.

Faster Delivery on Over 2,000 Non-stock Enclosed Starters

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
- 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.

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

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

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
200 VAC	230 VAC	460 VAC	575 VAC		Amp Range	Frame Size		NEMA 1 General Purpose
								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	
200 VAC	230 VAC	460 VAC	575 VAC		Amp Range	Frame Size			NEMA 1 General Purpose	NEMA 12 NEMA 3/3R [†] Industrial Use Weatherproof
									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*	

[†] These two part numbers come standard as NEMA 12 enclosure. Require additional field kit to convert enclosure 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
		Red On Pilot Light (FA)	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
			Green Off Pilot Light (FK)	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
	Hand-Off-Auto Selector Switch (A3)	Red On PTT Pilot Light (FS)	None	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
			Green Off PTT Pilot Light (FU)	None	A3,FS	M26
				CPT Sec. Fuse 480/240:120V (BA)	A3,FS,BA	M34
				CPT Pri/Sec Fuse 480/240:120V (DA)	A3,FS,DA	M42
		None	None	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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