

Options

Extended Ramp

For a longer ramp acceleration time of .5 – 360 seconds, change the last digit in the Catalog Number from **Page 5** to **L**.

Table 13. Extended Ramp Option

Frame Size	Max. Current	Catalog Number	Price U.S. \$
N	37	S801N37N3L	2,305.
	66	S801N66N3L	4,285.
R	105	S801R10N3L	4,820.
	135	S801R13N3L	5,490.
T	180	S801T18N3L	5,830.
	240	S801T24N3L	6,180.
	304	S801T30N3L	6,540.
U	360	S801U36N3L	7,550.
	420	S801U42N3L	8,440.
	500	S801U50N3L ①	9,440.
V	360	S801V36N3L	7,550.
	420	S801V42N3L	8,440.
	500	S801V50N3L	9,440.
	650	S801V65N3L	10,590.
	720	S801V72N3L	12,110.
	850	S801V85N3L	14,580.
1000	S801V10N3L	24,070.	

① U-Frame 500 Amp unit does not have IEC Certification.

Extended Ramp and 690V Option

For voltage ratings of 690V, use the table below.

Table 14. 690V Option

Frame Size	Max. Current	Catalog Number	Price U.S. \$
T	180	S801T18V3L	5,980.
	240	S801T24V3L	6,340.
	304	S801T30V3L	6,500.
V	360	S801V36V3L	7,760.
	420	S801V42V3L	8,680.
	500	S801V50V3L	9,720.
	650	S801V65V3L	10,880.
	720	S801V72V3L	12,430.
	850	S801V85V3L	14,970.

Pump Control

For pump control option, use the following table to select the product you are looking for. For sizing information, use the tables on **Pages 5** to **10**.

Table 15. Pump Control Option

Frame Size	Max. Current	Catalog Number	Price U.S. \$
N	37	S801N37P3S	3,090.
	66	S801N66P3S	4,115.
R	105	S801R10P3S	5,610.
	135	S801R13P3S	6,490.
T	180	S801T18P3S	6,600.
	240	S801T24P3S	6,930.
	304	S801T30P3S	7,280.
U	360	S801U36P3S	8,340.
	420	S801U42P3S	9,230.
	500	S801U50P3S ②	10,220.
V	360	S801V36P3S	8,340.
	420	S801V42P3S	9,230.
	500	S801V50P3S	10,220.
	650	S801V65P3S	11,380.
	720	S801V72P3S	12,880.
	850	S801V85P3S	15,360.
1000	S801V10P3S	24,830.	

② U-Frame 500 Amp unit does not have IEC Certification.

Accessories

Surge Suppressors

The surge suppressor can mount on either the line or load side of the *IT*. Soft Starter. It is designed to clip the line voltage (or load side induced voltage).

Table 16. Surge Suppressors

Description	Catalog Number	Price U.S. \$
600V MOV for 65 mm and 110 mm units	EMS38	178.
600V MOV for 200 mm and 290 mm units	EMS39	193.
690V MOV for 200 mm ③ and 290 mm units	EMS41	220.

③ T-Frame only.



Surge Suppressor



Surge Suppressor Mounted on a 200 mm Device

Type S801, Intelligent Technologies (IT) Soft Starters

Lug Kits

The 200 mm and 290 mm soft starters each have different lug options based on your wiring needs. Each lug kit contains three lugs which can be mounted on either the load or line side.



Lug Kits — EML23

Table 17. Lug Kits

Frame Size	Frame Designation	Description	Catalog Number	Price U.S. \$
200 mm SSRV	T, U	2 cable connections, 4 AWG to 1/0 cable	EML22	175.00
		1 cable connection, 4/0 to 500 MCM cable	EML23	197.00
		2 cable connections, 4/0 to 500 MCM cable	EML24	249.00
		1 cable connection, 2/0 to 300 MCM cable	EML25	175.00
		2 cable connections, 2/0 to 300 MCM cable	EML26	222.00
290 mm SSRV	V	2 cable connections, 4/0 to 500 MCM cable	EML28	402.00
		4 cable connections, 4/0 to 500 MCM cable	EML30	403.00
		6 cable connections, 4/0 to 500 MCM cable	EML32	585.00
		4 cable connections, 2/0 to 300 MCM cable	EML33 ①	408.00

① The EML33 does not have a CSA Listing.

Lug Cover Kits

Replacement covers for the T and V frame are available in case of damage to the existing covers.

Table 18. Lug Cover Kits

Description	Catalog Number	Price U.S.\$
Lug Cover T, U Frame	EML27	79.00
Lug Cover V Frame	EML34	98.00

Control Interface Module

The Control Interface Module (CIM) is available as a replacement part in two versions.

Table 19. CIM

Description	Catalog Number	Price U.S. \$
Blank Cover (Filler)	EMA68	58.50
CIM for Standard Unit	EMA71	283.00
CIM for Pump Control Option	EMA72	272.00
Panel Mounting Kit —		
3 ft. Cable	EMA69A	196.00
5 ft. Cable	EMA69B	221.00
8 ft. Cable	EMA69C	245.00
10 ft. Cable	EMA69D	271.00

Control Wire Connector

Table 20. Control Wire Connector

Description	Catalog Number	Price U.S.\$
12 pin, 5 mm pitch Connector for Control Wiring	EMA75	13.20

User Manual

A comprehensive User Manual is available and can be downloaded free of charge from www.eaton.com by performing a document search for MN03902008E. The Inside-the-Delta User Manual can be found by searching for Pub. No. MN03902009E.

Sales Demo Kit

A Demo Kit is available for use in customer presentations. It comes in a solid, lightweight carry case for easy use. The kit includes the following items:

- S801N66N3S — 65 Amp Soft Starter or S801R13N35
- PSS55A — 55 Watt Power Supply
- IT. Soft Starter brochure
- Cutout pictures of the four frame sizes
- Family photo

Table 21. Sales Demo Kits

Description	Catalog Number	Price U.S. \$
S801N66N3S	S801DEMOW	2,885.00
S801R13N3S	S801RDEMOW	5,220.00

Mounting Plates

The Mounting Plates are designed to help make it easy to install or retrofit the soft starter into enclosures and MCCs. The soft starter can be mounted onto the plate prior to installation. The mounting plate is designed with tear drop mounting holes for easier installation.

Table 22. Mounting Plates

Description	Catalog Number	Price U.S.\$
Mounting Plate N Frame	EMM13N	61.50
Mounting Plate R Frame	EMM13R	85.00
Mounting Plate T, U Frame	EMM13T	95.00
Mounting Plate V Frame	EMM13V	122.00
Fan/Hood Accessory	EMM18	158.00

Adapter Plates

The Adapter Plate allows customers to retrofit a V-Frame 290 mm Soft Starter with the U-Frame 200 mm Soft Starter.

Table 23. Adapter Plates

Description	Catalog Number	Price U.S.\$
Adapter Plates ②	EMM13U	220.00

② For more information see Pub51719.

Vibration Plates

The Vibration Plates allow the soft starter to be applied in high shock and vibration applications. The vibration plate allows vibration up to 5g and shock in up to 40g. The soft starter is mounted onto the vibration plate prior to installation in the panel.

Table 24. Vibration Plates

Description	Catalog Number	Price U.S.\$
Vibration Plate N Frame	EMM14N	158.00
Vibration Plate R Frame	EMM14R	170.00
Vibration Plate T, U Frame	EMM14T	196.00
Vibration Plate V Frame	EMM14V	228.00

Power Supplies

24V DC Power Supply which can be used with the S801 SSRV or as a stand-alone device.

Table 25. Power Supplies

Description	Catalog Number	Price U.S. \$
115V AC Input 24V DC Output	PSS55A	262.00
230V AC Input 24V DC Output	PSS55B	262.00
380 – 480V AC Input 24V DC Output	PSS55C	312.00

DIN Rail Power Supply Mounting Kit (35 mm)

Table 26. DIN Rail Mounting Kit

Description	Catalog Number	Price U.S. \$
DIN Rail Mounting Kit (35 mm)	PSSDIN	25.00

Discount Symbol 1-CD1