

Accessories

Lug Kits

The T and U frame (200 mm) and V frame (290 mm) each have different lug options based on your wiring needs.

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

Lug Kit



Lug Kits

Frame Size	Frame Designation	Description	Catalog Number
200 mm SSRV	T, U	2 cable connections, 4 AWG to 1/0 cable	EML22
		1 cable connection, 4/0 to 500 kcmil cable	EML23
		2 cable connections, 4/0 to 500 kcmil cable	EML24
		1 cable connection, 2/0 to 300 kcmil cable	EML25
		2 cable connections, 2/0 to 300 kcmil cable	EML26
		290 mm SSRV	V
		4 cable connections, 4/0 to 500 kcmil cable	EML30
		6 cable connections, 4/0 to 500 kcmil cable	EML32
		4 cable connections, 2/0 to 300 kcmil cable	EML33 ^①

Power Supplies

24 Vdc power supply that can be used with the S811 SSRV or as a stand-alone device.

Power Supplies

Description	Catalog Number
85–264 Vac input 24 Vdc output	PSG240E
360–575 Vac input 24 Vdc output	PSG240F

Lug Cover Kits

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

Lug Cover Kits

Description	Catalog Number
Lug cover T-, U-Frame	EML27
Lug cover V-Frame	EML34

IP20 Kits

IP20 Kits

Description	Catalog Number
N-Frame kit	SS-IP20-N
R-Frame kit	SS-IP20-R
T- and U-Frame kit	SS-IP20-TU
V-Frame kit	SS-IP20-V

Surge Suppressors

The surge suppressor can mount on either the line or load side of the soft starter. It is designed to clip the line voltage (or load side induced voltage).

Surge Suppressor



Surge Suppressors

Description	Catalog Number
600V MOV for 200 mm and 290 mm units	EMS39
690V MOV for 200 mm and 290 mm units ^②	EMS41

Notes

- ① The EML33 does not have a CSA listing.
- ② T-Frame only.
- ③ For more information, see Pub. 51719.

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.

Mounting Plates

Description	Catalog Number
Mounting Plate N-Frame	EMM13N
Mounting Plate R-Frame	EMM13R
Mounting Plate T-, U-Frame	EMM13T
Mounting Plate V-Frame	EMM13V

Options**Pump Control**

For pump control option, change the **8th** digit in the catalog number to **P**.

Pump Control Option

Frame Size	Max. Current	Catalog Number
N	37	S811N37P3S
	66	S811N66P3S
R	105	S811R10P3S
	135	S811R13P3S
T	180	S811T18P3S
	240	S811T24P3S
	304	S811T30P3S
U	360	S811U36P3S
	420	S811U42P3S
	500	S811U50P3S ①
V	360	S811V36P3S
	420	S811V42P3S
	500	S811V50P3S
	650	S811V65P3S
	720	S811V72P3S
	850	S811V85P3S
	1000	S811V10P3S

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.

Vibration Plates

Description	Catalog Number
Vibration plate N-Frame	EMM14N
Vibration plate R-Frame	EMM14R
Vibration plate T-, U-Frame	EMM14T
Vibration plate V-Frame	EMM14V

Extended Ramp

For a longer ramp acceleration time of 0.5–360 seconds, change the last digit in the catalog number from **Page V6-T1-93** to **L**.

Extended Ramp Option

Frame Size	Max. Current	Catalog Number
N	37	S811N37N3L
	66	S811N66N3L
R	105	S811R10N3L
	135	S811R13N3L
T	180	S811T18N3L
	240	S811T24N3L
	304	S811T30N3L
U	360	S811U36N3L
	420	S811U42N3L
	500	S811U50N3L ①
V	360	S811V36N3L
	420	S811V42N3L
	500	S811V50N3L
	650	S811V65N3L
	720	S811V72N3L
	850	S811V85N3L
	1000	S811V10N3L

Adapter Plates

The adapter plate allows customers to retrofit a V-Frame 290 mm soft starter with the U-Frame 200 mm soft starter.

Adapter Plates

Description	Catalog Number
Adapter plates ②	EMM13U

Control Wire Connector**Control Wire Connector**

Description	Catalog Number
12-pin, 5 mm pitch connector for control wiring	EMA75

Control Interface Module

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

CIM

Description	Catalog Number
Blank cover (filler)	EMA68
CIM for standard unit	EMA71
CIM for pump control option	EMA72
Panel mounting kit	
3 ft cable	EMA69A
5 ft cable	EMA69B
8 ft cable	EMA69C
10 ft cable	EMA69D

Extended Ramp and 690V Option

690V ratings are available on the T- and V-Frames by changing the **8th** digit in the 0.0 to **V**.

690V Option

Frame Size	Max. Current	Catalog Number
T	180	S811T18V3L
	240	S811T24V3L
	304	S811T30V3L
V	360	S811V36V3L
	420	S811V42V3L
	500	S811V50V3L
	650	S811V65V3L
	720	S811V72V3L
	850	S811V85V3L

Cooling Fan Kit

The EMM18 cooling fan kit mounts on either side of any frame size S801 Soft Starter to provide additional printed circuit board cooling in high ambient operating temperatures.

Cooling Fan Kit

Description	Catalog Number
Fan Kit	EMM18

Notes

① U-Frame 500A unit does not have IEC certification.

② For more information, see Pub 51719.