IT. Solid-State Soft Starters

Surge Suppressors for S801+/S811+

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).

Surge Suppressor

Surge Suppressors

Description	Catalog Number
600V MOV for *IT.* soft starters	**EMS39**
690V MOV for *IT.* soft starters	**EMS41**

Lug Kits for S801+/S811+

The 200 mm and 290 mm soft starters do not include lugs.

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

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	2 cable connections, 4/0 to 500 kcmil cable	**EML28**
		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

Lug Cover Kits for S801+/S811+

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**

Digital Interface Module and Control Interface Module

The Digital Interface Module (DIM) and control interface module are available as replacement parts.

DIM and CIM

Description	Catalog Number
Blank cover (filler)	**EMA68**
DIM for S811+	**EMA91**
CIM for S801+	**EMA71**
CIM for S801+ pump control option	**EMA72**
Panel mounting kit	
3 ft cable	**EMA69A**
5 ft cable	**EMA69B**
8 ft cable	**EMA69C**
10 ft cable	**EMA69D**

Control Wire Connector

Control Wire Connector

Description	Catalog Number
12-pin, 5 mm pitch connector for control wiring	**EMA75L**

User Manual for S811+

A comprehensive user manual is available and can be downloaded free of charge from www.eaton.com by performing a document search for MN03902002E.

Mounting Plates for S801+/S811+

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**
Fan/hood accessory	**EMM18**

Note
① The EML33 does not have a CSA Listing.

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