Specifications



Photo is representative





Eaton S811+T18P3S

Eaton S811+ soft starter, 180 A, T-frame, Premium, 600 V rated, Level/Edge Sense, Three-pole, 24 V power, 47-63 Hz, 1-2 conductors, #3 AWG to 500 kcmil wire, 120 Vdc, 240 Vac, Modbus RTU, NEMA 0, LCD display, -30°C to -50°C

General specifications	
PRODUCT NAME	Eaton S811+ soft starter
CATALOG NUMBER	S811+T18P3S
UPC	786685559001
PRODUCT LENGTH/DEPTH	6.47 in
PRODUCT HEIGHT	12.71 in
PRODUCT WIDTH	7.65 in
PRODUCT WEIGHT	45 lb
WARRANTY	Eaton Selling Policy 25-000, one (1) year from the date of installation of the Product or eighteen (18) months from the date of shipment of the Product, whichever occurs first.
COMPLIANCES	CE Marked
CERTIFICATIONS	EN 60947-4-2 UL Recognized UL Listed IEC 60947-4-2 CSA file No. 3211-06 CSA Certified for Elevator Duty
CATALOG NOTES	All units require a 24 Vdc power supply found on catalog Page V6-T1-85, or equivalent., S811+T_, S811+U_ and S811+V_ units require lug kits, S811+U50_ unit does not have IEC certification.
PRODUCT TYPE	Soft starter

Product specifications

USED WITH	Three-phase motors
AMPERAGE RATING	180A
DISPLAY MATERIAL	LCD
AC CURRENT - MAX	240 Vac
DC CURRENT - MAX	120 Vdc
NUMBER OF POLES	Three-pole
TYPE	Soft starter
FREQUENCY RATING	47-63 Hz
POWER SUPPLY	24 V
FRAME SIZE	T
OPTIONS	Inline or inside-the-delta wiring configuration 600V rated Premium Pump control and extended ramp Level/edge sense
OPERATING TEMPERATURE - MAX	50 °C
COMMUNICATION	Modbus RTU
CONFIGURATION	Inline (default) or inside the delta
NEMA RATING	NEMA 0
SIZE	NEMA 0
OPERATING VOLTAGE	200-600 V
WIRE SIZE	#3 AWG-500 kcmil
MODULE INTERFACE	Digital interface module
OPERATING TEMPERATURE - MIN	-30 °C

Resources

CATALOGS	eaton-drives-soft-starter-catalog-ca04020001zen-us.pdf - Solid-State Motor Control, Reduced Voltage Motor Starters, Volume 6, Tab 1
MULTIMEDIA	Soft starter DS7 up to 200 A Soft Starter DS7 up to 32 A Soft Starter Product Family Overview
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - S811+T18P3S

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

Follow us on social media to get the latest product and support information.

© 2026 Eaton. All Rights Reserved.