Specifications



Photo is representative





Eaton S811+U50N3S

Eaton S811+ soft starter, Frame U, 500 A, 400 hp, 480 V, # 4 AWG to 500 kcmil, 156-500 FLA, 24 Vdc, 200-600 V operating, 1-2 conductors, LCD, HLD circuit breaker, Class RK5/J Fuse

General specifications	
PRODUCT NAME	Eaton S811+ soft starter
CATALOG NUMBER	S811+U50N3S
UPC	786685879581
PRODUCT LENGTH/DEPTH	19 in
PRODUCT HEIGHT	12.5 in
PRODUCT WIDTH	14.5 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 Listed CSA file No. 3211-06 CSA file No. 2411-01
CATALOG NOTES	Level/edge sense, inline or inside-the-delta wiring configuration.
PRODUCT TYPE	Soft starter

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Product specifications

AMPERAGE RATING	500A
CONTROL VOLTAGE	24 Vdc
DISPLAY MATERIAL	LCD
HORSEPOWER	400 hp
AC CURRENT - MAX	240 Vac
DC CURRENT - MAX	120 Vdc
NUMBER OF POLES	Three-pole
PHASE	Three-phase
TYPE	Soft starter
USER INTERFACE	Digital Interface Module
VOLTAGE RATING	480 V
FREQUENCY RATING	47-63 Hz
FUSE SIZE	Class RK5 Class J
CIRCUIT BREAKER TYPE	HLD
POWER SUPPLY	24 V
FRAME SIZE	U
DISPLAY	LCD
OPERATING TEMPERATURE - MAX	50 °C
COMMUNICATION	Modbus RTU
FULL LOAD CURRENT RANGE	156-500 FLA
NEMA RATING	NEMA 0
SIZE	NEMA 0
OPERATING VOLTAGE	200-600 V
WIRE SIZE	#4 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 32 A Soft starter DS7 up to 200 A Soft Starter Product Family Overview
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - S811+U50N3S

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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

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