

Product datasheet

Specifications



soft starter for asynchronous motor, Altistart 48, 88A, 690V

ATS48D88YS338

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

Main

Range of product	Altistart 48
Product or component type	Soft starter
Product destination	Asynchronous motors
Product specific application	Heavy duty industry and pumps
Device short name	ATS48
Utilisation category	AC-53A
power supply frequency	50...60 Hz - 5...5 %

Complementary

Protection type	Phase failure: line Thermal protection: motor Thermal protection: starter
Standards	EN/IEC 60947-4-2
Product certifications	DNV CSA CCC NOM 117 C-Tick SEPRO TCF GOST UL
Marking	CE
Discrete input number	5
Discrete input type	PTC, 750 Ohm at 25 °C (Stop, Run, LI3, LI4) logic, <= 8 mA 4300 Ohm
Discrete input logic	Positive logic Stop, Run, LI3, LI4 at State 0: < 5 V and <= 2 mA at State 1: > 11 V, >= 5 mA
Minimum switching current	10 mA at 6 V DC for relay outputs
Discrete output type	(LO1) logic output 0 V common configurable (LO2) logic output 0 V common configurable (R1) relay outputs fault relay NO (R2) relay outputs end of starting relay NO (R3) relay outputs motor powered NO
Analogue output type	Current output AO: 0-20 mA or 4-20 mA, impedance <500 Ohm
Communication port protocol	Modbus
Connector type	1 RJ45
Communication data link	Serial

Physical interface	RS485 multidrop
---------------------------	-----------------

Transmission rate	4800, 9600 or 19200 bps
--------------------------	-------------------------

Environment

Relative humidity	0...95 % without condensation or dripping water conforming to EN/IEC 60068-2-3
--------------------------	--

Ambient air temperature for operation	40...60 °C (with current derating of 2 % per °C) -10...40 °C (without derating)
--	--

Ambient air temperature for storage	-25...70 °C
--	-------------

Operating altitude	<= 1000 m without derating > 1000...2000 m with current derating of 2.2 % per additional 100 m
---------------------------	---

Packing Units

Unit Type of Package 1	PCE
-------------------------------	-----

Number of Units in Package 1	1
-------------------------------------	---

Contractual warranty

Warranty (in months)	18
-----------------------------	----



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

Repair

No