

ATS48C21Q

Industrial automation components

Manufacturer	Schneider Electric
Catalog number	ats48c21q
Category	Industrial automation components
Product type	Industrial automation components
Status	Legacy / discontinued

Technical specification

Weight	2.27 kgs
Current	210 A
Signal Level	400 V
Relay Specifications	210 A
Voltage Range	230 to 415 V
Motor Power Range	45 kW to 160 kW
Current Rating	195 A
Utilization Category	AC-53A
Protection Rating	IP00
Communication Protocol	Modbus
Mounting Orientation	Vertical ±10 degrees
Dimensions	380 mm x 320 mm x 265 mm
Weight	18.2 kg
Certifications	CE, UL, CSA, DNV, C-Tick, GOST, NOM 117, SEPRO, TCF, UL

Description

The Schneider Electric ATS48C21Q is a soft starter designed for asynchronous motors, particularly suitable for heavy-duty industrial applications and pumps. Part of the Altistart 48 series, this device offers torque-controlled soft starting and stopping, effectively reducing mechanical stress and enhancing the longevity of connected equipment. It operates within a voltage range of 230 to 415 V and supports motor power ratings from 45 kW to 160 kW, depending on the connection type and application severity. The ATS48C21Q features a current rating of 195 A and complies with the AC-53A utilization category, ensuring reliable performance in demanding environments. Its IP00 protection rating indicates suitability for installation in controlled environments. The device includes Modbus communication capabilities via an RJ45 connector, facilitating integration into various control systems. Additionally, it offers discrete inputs and outputs for flexible control and monitoring. Designed for vertical mounting with a tolerance of ± 10 degrees, the ATS48C21Q measures 380 mm in height, 320 mm in width, and 265 mm in depth, with a net weight of 18.2 kg. This soft starter adheres to international standards, including EN/IEC 60947-4-2, and holds certifications such as CE, UL, CSA, and others, underscoring its quality and compliance with global industrial standards.