

ATS48C25Q

Industrial automation components

Manufacturer	Schneider Electric
Catalog number	ats48c25q
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	1.74 kgs
Voltage	230 - 415 V
Current	233 A
Frequency	50 - 60
Component Specifications	rs485
Power	220
Cooling Capacity	220
Interface Type	rs485
Signal Type	415
Signal Level	415 V
Relay Specifications	415 VAC

Description

The Schneider Electric ATS48C25Q is a soft starter designed for asynchronous motors, offering efficient and reliable motor control in various industrial applications. This device is part of the Altistart 48 series, renowned for its advanced features and robust performance. The ATS48C25Q operates within a supply voltage range of 230 to 415 V, accommodating both standard and severe duty applications. It supports motor power ratings up to 220 kW at 400 V, ensuring versatility across different motor sizes. Key features include torque-controlled soft starting and stopping, which minimizes mechanical stress and enhances equipment longevity. The device also offers protection against phase failure, motor overheating, and starter overheating, safeguarding both the motor and the starter unit. Communication capabilities are facilitated through an RS485 port supporting Modbus protocol, enabling seamless integration into existing control systems. The ATS48C25Q is built to withstand demanding environments, with an operating temperature range from -10°C to 60°C and compliance with international standards such as IEC 60947-4-2. Its compact dimensions (380 mm in height, 320 mm in width, and 265 mm in depth) and weight of 18.2 kg make it suitable for various installation scenarios. This soft starter is ideal for applications in heavy-duty industries and pumping systems, where reliable motor control is essential.