

Schneider 140CRA93100C Manual

Brand	Schneider
Product Series	Schneider
Product Type	of Cable 75 Ohm Coaxial Cable

Description

The 140CRA93100C from Schneider Electric is an adapter module within the Modicon Quantum series. It supports a maximum of 27 I/O modules and utilizes a 75 Ohm coaxial cable for efficient data transmission at a rate of 1544 Mbit/s.

Technical specifications for 140CRA93100C

Manufacturer Schneider Electric

Product Line Modicon Quantum

Part Number 140CRA93100C

EAN 3595861136298

Product Adapter Module

Maximum Number of I/O Modules 27

Type of Cable 75 Ohm Coaxial Cable

Transmission Rate 1544 Mbit/s

Dynamic Range 35 dB

Isolation Voltage 500 V

Voltage Type DC

Electrical Connection 1 Female Connector

Power Dissipation 3 W

Bus Current Requirement 600 mA

Resistance to Electrostatic Discharge 4 kV / 8 kV

Resistance to Electromagnetic Fields 10 V/m

www.AutoDCSTech.com

Description

The 140CRA93100C adapter module is part of Schneider Electric's Modicon Quantum series, designed to facilitate connections within complex control systems. Capable of managing up to 27 I/O modules, this device enhances modularity for extensive automation setups. It operates over a 75 Ohm coaxial cable, ensuring effective signal transmission with a speed of 1544 Mbit/s.

This module demonstrates a dynamic performance with a range of 35 dB and is built to maintain an isolation voltage of 500 V for safety. Designed for DC voltage applications, it features a single female connector for straightforward electrical connectivity. The bus current requirement is specified at 600 mA, indicating the current draw needed for optimal function.

In terms of durability, this adapter module is resilient against electrostatic discharge, rated at 4 kV for contact discharge and 8 kV for air discharge. Additionally, it can withstand electromagnetic fields of up to 10 V/m, which protects it from interference in noisy environments. The power dissipation of the module stands at 3 W, indicating efficiency in its power usage, and it weighs only 0.5 kg, allowing for easy integration into existing systems.

Technical Specifications

Manufacturer Schneider Electric

Product Line Modicon Quantum

Part Number 140CRA93100C

EAN 3595861136298

Product Adapter Module

Maximum Number of I/O Modules 27

Type of Cable 75 Ohm Coaxial Cable

Transmission Rate 1544 Mbit/s

Dynamic Range 35 dB

Isolation Voltage 500 V

Voltage Type DC

Electrical Connection 1 Female Connector

Power Dissipation 3 W

Bus Current Requirement 600 mA

Resistance to Electrostatic Discharge 4 kV / 8 kV

Resistance to Electromagnetic Fields 10 V/m

www.AutoDCSTech.com