

Schneider Series Service Manual

140DDI36400C

1. Description

The Schneider Electric 140DDI36400C is a dedicated input module within the Modicon Quantum series, specifically designed to handle 96 inputs. Operating with a voltage rating of 24 V DC, it supports a voltage range from 19.2 to 30 V DC.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Quantum
Part	Number 140DDI36400C
EAN	3595862027007
Type	Input Module
Low-Voltage	Module Yes
Logic	Type Positive Logic
Number	of Inputs 96 Inputs
Input	Voltage Rating 24 V DC
Input	Voltage Range 19.2 to 30V DC
Input	Impedance 6700 Ohms
Operating	Temperature 0 to 40 degrees Celsius
Storage	Temperature 0 to 50 degrees Celsius
Maximum	Relative Humidity for Operation 80%, non-condensing
Maximum	Relative Humidity for Storage 80%, non-condensing
Addressing	Requirement 6 Words
Maximum	Altitude for Operation 1000m above sea level
Maximum	Altitude for Storage 1000m above sea level
Operating	Environment Clean indoor environment with no corrosive chemicals
Description	
The	140DDI36400C model represents an input module from the Schneider Electric Modicon Quantum lineup specifically developed for extensive control applications. This module provides a capacity for up to 96 inputs, offering flexible configurations for various monitoring and automatio

3. Product Information

The Schneider Electric 140DDI36400C is a dedicated input module within the Modicon Quantum series, specifically designed to handle 96 inputs. Operating with a voltage rating of 24 V DC, it supports a voltage range from 19.2 to 30 V DC.

Technical specifications for 140DDI36400C

Manufacturer Schneider Electric

Product Line Modicon Quantum

Part Number 140DDI36400C

EAN 3595862027007

Type Input Module

Low-Voltage Module Yes

Logic Type Positive Logic

Number of Inputs 96 Inputs

Input Voltage Rating 24 V DC

Input Voltage Range 19.2 to 30V DC

Input Impedance 6700 Ohms

Operating Temperature 0 to 40 degrees Celsius

Storage Temperature 0 to 50 degrees Celsius

Maximum Relative Humidity for Operation 80%, non-condensing

Maximum Relative Humidity for Storage 80%, non-condensing

Addressing Requirement 6 Words

Maximum Altitude for Operation 1000m above sea level

Maximum Altitude for Storage 1000m above sea level

Operating Environment Clean indoor environment with no corrosive chemicals

Description

The 140DDI36400C model represents an input module from the Schneider Electric Modicon Quantum lineup specifically developed for extensive control applications. This module provides a capacity for up to 96 inputs, offering flexible configurations for various monitoring and automation needs. Operating at a nominal input voltage of 24 V DC, it accommodates a voltage range between 19.2 up to 30 V DC, making it versatile for a range of applications. With an input impedance of 6700 Ohms, it ensures compatibility with numerous devices requiring precise input readings.

In terms of environmental considerations, this module can operate in temperatures ranging from 0 to 40 degrees Celsius. It also tolerates storage temperatures up to 50 degrees Celsius, enabling adaptability in various climates. The unit's design supports up to 80% relative humidity during both operation and storage, under non-condensing conditions, thereby ensuring reliability in diverse settings, provided they are free of corrosive chemicals. Additionally, the 140DDI36400C can function effectively at an altitude of up to 1000 meters above sea level, making it suitable for installations in elevated locations. For system integration and addressing, the module necessitates a span of 6 words, which facilitates communication within larger automated systems.