

Schneider Series Service Manual

140DII33000C

1. Description

The Schneider Electric 140DII33000C is an input module from the Modicon Quantum series that features intrinsically safe discrete inputs. It is suitable for various applications beyond material handling, including packaging and textile machinery.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Input Module
Product	Line Modicon Quantum
Part	Number 140DII33000C
Input	Type Intrinsically Safe Discrete Inputs
Material	Handling Applications Supported
Packaging	Applications Supported
Operating	Temperature 0 to 40 degrees Celsius
Storage	Temperature 0 to 50 degrees Celsius
Maximum	Operating Humidity 80% relative humidity (non-condensing)
Maximum	Storage Humidity 80% relative humidity (non-condensing)
Maximum	Operating Altitude 1000m above sea level
Maximum	Storage Altitude 1000m above sea level
Operating	Environment Clean indoor environment without corrosive chemicals
Textile	Machine Applications Supported

3. Product Information

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Technical specifications for 140DII33000C

Manufacturer Schneider Electric

Product Type Input Module

Product Line Modicon Quantum

Part Number 140DII33000C

Input Type Intrinsically Safe Discrete Inputs

Material Handling Applications Supported

Packaging Applications Supported

Operating Temperature 0 to 40 degrees Celsius

Storage Temperature 0 to 50 degrees Celsius

Maximum Operating Humidity 80% relative humidity (non-condensing)

Maximum Storage Humidity 80% relative humidity (non-condensing)

Maximum Operating Altitude 1000m above sea level

Maximum Storage Altitude 1000m above sea level

Operating Environment Clean indoor environment without corrosive chemicals

Textile Machine Applications Supported

Description

The 140DII33000C from Schneider Electric is classified as an input module within the Modicon Quantum family, specifically tailored for applications requiring intrinsically safe discrete inputs. Its design supports various uses, including material handling, packaging, and textile machinery. Operating effectively in temperatures that range from 0 to 40 degrees Celsius, this module ensures reliable performance in compliant environments. It is capable of withstanding storage temperatures extending from 0 to 50 degrees Celsius, demonstrating its versatility for different operational scenarios.

Humidity specifications allow for a maximum of 80% relative humidity in both operational and storage conditions, provided there's no condensation. Furthermore, it operates and can be stored at altitudes up to 1000 meters above sea level, making it suitable for diverse industrial settings. The specified operating environment is a clean indoor space, where exposure to corrosive chemicals is avoided, ensuring consistent functionality.