

Schneider Series Service Manual

140HRT10000

1. Description

The 140HRT10000 is a robust interface module from Schneider Electric, part of the Modicon Quantum series. Designed for effective communication and data integration, it operates within an ambient temperature range of 0 to 60 degrees Celsius.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Quantum
Part	Number 140HRT10000
Product	Interface Module
Use	Communication and Data Integration
Cooling	Natural Cooling
Material	Metal
Mounting	Through Screw and Holes
Maximum	Ambient Temperature 60 degrees Celsius
Minimum	Ambient Temperature 0 degrees Celsius
Operating	Humidity Rating 80% max. (non-condensing)
Storage	Humidity Rating 80% max. (non-condensing)
Maximum	Altitude for Operation Without Derating 1000 meters above sea level
Standards	CE
Protection	Class IP20

3. Product Information

The 140HRT10000 is a robust interface module from Schneider Electric, part of the Modicon Quantum series. Designed for effective communication and data integration, it operates within an ambient temperature range of 0 to 60 degrees Celsius.

Technical specifications for 140HRT10000

Manufacturer Schneider Electric

Product Line Modicon Quantum

Part Number 140HRT10000

Product Interface Module

Use Communication and Data Integration

Cooling Natural Cooling

Material Metal

Mounting Through Screw and Holes

Maximum Ambient Temperature 60 degrees Celsius

Minimum Ambient Temperature 0 degrees Celsius

Operating Humidity Rating 80% max. (non-condensing)

Storage Humidity Rating 80% max. (non-condensing)

Maximum Altitude for Operation Without Derating 1000 meters above sea level

Standards CE

Protection Class IP20

Description

The Schneider Electric 140HRT10000, part of the Modicon Quantum lineup, serves as an interface module specifically tailored for communication and data integration applications. This device is engineered for reliable operation, capable of functioning within a minimum ambient temperature of 0 degrees Celsius and a maximum of 60 degrees Celsius. As part of its design, it employs natural cooling to maintain optimal performance without additional fans or systems. Constructed with metal housing, the module provides durability for demanding environments. Installation is straightforward, utilizing through screw and holes for secure mounting. The interface module ensures stable operation with a maximum relative humidity of 80%, both for operational use and during storage, while maintaining a non-condensing environment. Furthermore, it can be employed effectively at altitudes up to 1000 meters, preserving functionality without derating. Compliant with CE standards, the 140HRT10000 interface module boasts an IP20 protection class, indicating its suitability for dry, indoor areas where it may be exposed to minimal dust or contact with tools. Overall, the module's design and specifications make it a reliable choice for enhancing data communication across Schneider Electric Modicon systems.