

Schneider Series Service Manual

140QSM67160

1. Description

The 140QSM67160 hot standby unit from Schneider Electric's Modicon Quantum series operates on a 24 V DC power supply. This product offers reliable performance in critical applications requiring redundancy and features compliance with CE standards.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Hot Standby Unit
Product	Line Modicon Quantum
Part	Number 140QSM67160
Voltage	Rating 24 V
Voltage	Type DC
Cooling	Natural
Standards	Compliance CE
Protection	Class IP20
Enclosure	Rating NEMA 1
Maximum	Ambient Temperature 40 degrees Celsius
Minimum	Ambient Temperature 0 degrees Celsius
Maximum	Operating Humidity 80% RH, non-condensing
Maximum	Storage Humidity 80% RH, non-condensing
Maximum	Operating Altitude 1000 m above sea level

3. Product Information

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Technical specifications for 140QSM67160

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Maximum Operating Humidity 80% RH, non-condensing

Maximum Storage Humidity 80% RH, non-condensing

Maximum Operating Altitude 1000 m above sea level

Description

The Schneider Electric 140QSM67160 unit is categorized as a hot standby unit within the Modicon Quantum series, tailored to enhance system reliability through redundancy. This device operates at a voltage rating of 24 V DC, making it suitable for various automation applications.

This unit is designed with a focus on maintaining performance within specific environmental parameters, including a maximum temperature of 40 degrees Celsius and a minimum of 0 degrees Celsius. The natural cooling mechanism assures adequate thermal performance in these conditions.

Additionally, the 140QSM67160 is enclosed with a NEMA 1 rating, providing basic protection against dust and debris, complemented by an IP20 protection class. With a maximum operating humidity level set at 80% RH without condensation, this device can also be stored under similar humidity conditions.

Operational flexibility is further enhanced, allowing this unit to function at altitudes reaching 1000 meters above sea level. Compliance with CE standards ensures that it meets essential safety and regulatory requirements for use within industrial settings.