

Schneider Series Service Manual

690MCI00006

1. Description

The Schneider Electric 690MCI00006 is a high-performance component from the Modicon series engineered for various electrical applications. This unit supports a rated voltage capacity of 600V AC/DC and a rated current of 10.00 A, making it versatile for several industrial environments.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon
Part	Number 690MCI00006
EAN	3595861133006
Weight	1.19 lbs (0.54 kg)
Rated	Voltage 600V AC/DC
Rated	Current 10.00 A
Cable	Length 3 meters
Cable	Type Multi-core, shielded
Cable	Material Copper
Connector	Type Push-in terminal block
Operating	Temperature Range -10°C to +60°C
Storage	Temperature Range -20°C to +70°C
Degree	of Protection IP20
Maximum	Cable Diameter 8 mm
Nominal	Power 4.5 kW
Frequency	Range 50/60 Hz
Vibration	Resistance 1g (for 10-55 Hz)
Overload	Capacity 120% for 30 minutes
Mounting	Type DIN rail

3. Product Information

The Schneider Electric 690MCI00006 is a high-performance component from the Modicon series engineered for various electrical applications. This unit supports a rated voltage capacity of 600V AC/DC and a rated current of 10.00 A, making it versatile for several industrial environments.

Technical specifications for 690MCI00006

Manufacturer Schneider Electric

Product Line Modicon

Part Number 690MCI00006

EAN 3595861133006

Weight 1.19 lbs (0.54 kg)

Rated Voltage 600V AC/DC

Rated Current 10.00 A

Cable Length 3 meters

Cable Type Multi-core, shielded

Cable Material Copper

Connector Type Push-in terminal block

Operating Temperature Range -10°C to +60°C

Storage Temperature Range -20°C to +70°C

Degree of Protection IP20

Maximum Cable Diameter 8 mm

Nominal Power 4.5 kW

Frequency Range 50/60 Hz

Vibration Resistance 1g (for 10-55 Hz)

Overload Capacity 120% for 30 minutes

Mounting Type DIN rail

Description

The 690MCI00006 component from Schneider Electric's Modicon range is built for high versatility in demanding applications. It boasts a robust rated voltage of 600V AC/DC and supports a current rating of 10.00 Amps. This unit is designed with multi-core, shielded copper cables, ensuring efficient performance in various operational scenarios. The cable's length measures 3 meters, and it can accommodate a maximum cable diameter of 8 mm.

This module has a nominal power capability of 4.5 kW and operates effectively in a frequency range between 50 and 60 Hz. It provides reliable performance, with the ability to endure overload conditions of up to 120% for a duration of 30 minutes, ensuring significant resilience under excessive loads.

The device is rated IP20 for degree of protection, signifying minimal defense against solid objects, making it suitable for indoor environments. It can function across a temperature spectrum from -10°C to +60°C during operation and can be stored at temperatures between -20°C and +70°C. Additionally, the module exhibits vibration resistance rated at 1g within the 10-55 Hz frequency range. Its push-in terminal block connector facilitates efficient wiring, while the DIN rail mounting option simplifies installation in control panels and machinery.

Unit Type of Package 1

PCE

Number of Units in Package 1

1

Package 1 Height

4.5 cm

Package 1 Width

30 cm

Package 1 Length

32 cm

Package 1 Weight

961 g