FANUC FANUC □□□ Series Service Manual

A02B-0047-C800

1. Description

The FANUC A02B-0047-C800 is a terminator kit that features a 20-pin male connector. It operates efficiently within a temperature range of -40 to 105°C, making it suitable for diverse environmental conditions.

2. Specifications

Specification	Value
Manufacturer	**FANUC**
Product	**Type Terminator Kit with HONDA Connector**
Product	**Line A02B**
Part	**Number A02B-0047-C800**
Weight	**0.13 lbs (0.06 kg)**
Connector	**Type 20-pin male connector**
Ambient	**Operating Temperature -40 to 105°C (in a non-condensing environment)**
Insulation	**Resistance 1,000 megaohms or more at 500 Volts DC**
Termination	**Style Receptacles or crimp pins**
Connector	**Shape Square**
Contact	**Resistance 5 milliohms or less**
Humidity	**Tolerance 90% to 95% relative humidity and in a non-condensing environment**
Connection	**Direction Straight**
Withstand	**Voltage 1,000 Volts AC in 1 minute**

3. Product Information

The FANUC A02B-0047-C800 is a terminator kit that features a 20-pin male connector. It operates efficiently within a temperature range of -40 to 105°C, making it suitable for diverse environmental conditions.

Technical specifications for A02B-0047-C800

Manufacturer FANUC

Product Type Terminator Kit with HONDA Connector

Product Line A02B

Part Number A02B-0047-C800

Weight 0.13 lbs (0.06 kg)

Connector Type 20-pin male connector

Ambient Operating Temperature -40 to 105°C (in a non-condensing environment)

Insulation Resistance 1,000 megaohms or more at 500 Volts DC

Termination Style Receptacles or crimp pins

Connector Shape Square

Contact Resistance 5 milliohms or less

Humidity Tolerance 90% to 95% relative humidity and in a non-condensing environment

Connection Direction Straight

Withstand Voltage 1,000 Volts AC in 1 minute

Description

The A02B-0047-C800 terminator kit from FANUC is engineered for reliable connections in various applications. This unit features a 20-pin male connector, allowing for robust interfacing. With a lightweight construction of just 0.11 pounds (0.05 kilograms), it is ideal for scenarios where weight can be a consideration.

Operating temperatures can range from a frigid -40°C to a scorching 105°C, ensuring functionality in extreme conditions. Designed for reliable insulation, it boasts an impressive insulation resistance rating of 1,000 megaohms at 500 Volts DC.

The connection style employs receptacles or crimp pins, enhancing versatility for different setup requirements. This connector is shaped in a square format, providing a stable interface. The contact resistance is minimal, rated at 5 milliohms or lower, promoting excellent conductivity.

When it comes to humidity, the A02B-0047-C800 can function in environments with relative humidity levels between 90% and 95%, given that conditions remain non-condensing. In terms of electrical endurance, it can withstand a voltage of 1,000 Volts AC for up to one minute, providing assurance in high voltage applications.