

Schneider Series Service Manual

170XTS00701

1. Description

The 170XTS00701 is a busbar connector designed specifically for the Modicon Momentum series by Schneider Electric. This component facilitates integration between discrete and analog I/O bases and allows for effective electrical connections.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type 1-Row Busbar Connector
Product	Line Modicon Momentum
Part	Number 170XTS00701
EAN	3595861147881
Compatible	I/O Modules Discrete and Analog I/O Bases
Terminal	Design Spring-Type Terminals
Row	Configuration Single Horizontal Row
Platform	Integration Modicon Momentum System
Mounting	Mechanism Plug-In Design
Construction	Material High-Conductivity Metal
Operating	Temperature -25°C to +70°C
Electrical	Continuity Low-Resistance Connections
Mechanical	Durability Vibration-Resistant

3. Product Information

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Technical specifications for 170XTS00701

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Mounting Mechanism Plug-In Design

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Operating Temperature -25°C to +70°C

Electrical Continuity Low-Resistance Connections

Mechanical Durability Vibration-Resistant

Designed for use within the Modicon Momentum system, the 170XTS00701 busbar connector by Schneider Electric provides essential connectivity for both discrete and analog I/O modules. This one-row connector is equipped with spring-type terminals, facilitating straightforward and secure connections, making installation efficient. The connector's design is compact, employing a single horizontal row layout optimized for space. With a plug-in mechanism, it integrates seamlessly into existing setups, ensuring user-friendly assembly. Its construction from high-conductivity metal ensures effective power transfer, maintaining low-resistance connections for optimal performance. The operating temperature range of the 170XTS00701 spans from -25°C to +70°C, allowing it to perform reliably in various environmental conditions. Moreover, it boasts mechanical resilience to vibration, ensuring durability in industrial applications where movement and dynamic conditions are prevalent.