

Schneider Series Service Manual

110XTS00122

1. Description

The 110XTS00122 is an I/O base module within Schneider Electric's Modicon Momentum series. Designed for flexible installation, it supports DIN rail or panel mounting and relies on Modbus Plus or Ethernet for communication. It accommodates I/O modules and Momentum processors.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Line Modicon Momentum
Part	Number 110XTS00122
Name	I/O Base Module
Mounting	Type DIN Rail or Panel Mount
Bus	Type Modbus Plus / Ethernet Communication
Number	of Slots 1 Base Slot
Supported	Devices Momentum Processor and I/O Modules
Operating	Voltage 5 VDC (from Processor Module)
Power	Consumption Low power consumption design
Protection	Class IP20
Material	High-impact plastic
Operating	Temperature 0 °C to 60 °C
Storage	Temperature -40 °C to 85 °C
Humidity	5% to 95% non-condensing

3. Product Information

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Technical specifications for 110XTS00122

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Material High-impact plastic

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Storage Temperature -40 °C to 85 °C

Humidity 5% to 95% non-condensing

The Schneider Electric 110XTS00122 serves as an I/O base module, tailored for the Modicon Momentum series. This module is specifically designed to support communication through Modbus Plus and Ethernet protocols. It provides a versatile mounting solution, allowing installation on either DIN rails or panels.

With one base slot available, the module is compatible with various devices including Momentum processors and associated I/O modules. Its operational voltage is rated at 5 VDC, supplied directly from the processor module, confirming the integrated nature of its design.

Engineered for efficiency, the 110XTS00122 module features a low power consumption profile, making it suitable for energy-sensitive applications. The robust construction from high-impact plastic contributes to its durability, complemented by a protection class of IP20, which guards against solid particulates larger than 12mm.

Its operational temperature range extends from 0 °C to 60 °C, while storage capabilities accommodate a broader spectrum, ensuring functionality from -40 °C to 85 °C. Furthermore, the module is equipped to handle humidity levels between 5% and 95% in non-condensing conditions, reinforcing its reliability in diverse environments.