

Schneider Series Service Manual

140ERT85410IAT

1. Description

The 140ERT85410IAT SOE module from Schneider Electric is engineered for precise timing and event tracking in automation applications. This module is vital for industries such as material handling and packaging, providing functionalities like manual activation and support for input and output changes.

2. Specifications

Specification	Value
Manufacturer	Schneider Electric
Product	Type Sequence Of Events (SOE) Module
Product	Line Modicon Quantum
Part	Number 140ERT85410IAT
Alarms	Supported
Manual	Activation Supported
Input	and Output Changes Supported
Material	Handling Applications Supported
Packaging	Applications Supported
Textile	Machine Applications Supported
Operating	Temperature 0 to 40 degrees Celsius
Storage	Temperature 0 to 50 degrees Celsius
Maximum	Operating Humidity 80% RH, non-condensing
Maximum	Storage Humidity 80% RH, non-condensing
Maximum	Operating Altitude 1000m above sea level
Maximum	Storage Altitude 1000m above sea level
Operating	Environment Clean indoor environment (no corrosive chemicals)
Description	
The	140ERT85410IAT model from Schneider Electric's Modicon Quantum series serves as a Sequence Of Events (SOE) module. Its design focuses on capturing significant changes in automation processes. This module supports alarms and allows for manual activation, providing flexibility in operation.

3. Product Information

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Technical specifications for 140ERT85410IAT

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Product Type Sequence Of Events (SOE) Module

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Description

The 140ERT85410IAT model from Schneider Electric's Modicon Quantum series serves as a Sequence Of Events (SOE) module. Its design focuses on capturing significant changes in automation processes. This module supports alarms and allows for manual activation, providing flexibility in operation.

It effectively integrates with various applications in the material handling, packaging, and textile sectors. The device can track input and output changes, ensuring precise management of events in critical processes. Operating within a temperature range of 0 to 40 degrees Celsius, this module is resilient in diverse settings.

The storage requirements necessitate conditions between 0 and 50 degrees Celsius. It maintains functionality in environments with up to 80% relative humidity, provided that there is no condensation. The operational altitude can reach up to 1000 meters above sea level without performance loss, as well as for storage requirements. This module is intended for use in clean indoor environments where corrosive chemicals are absent, preserving its integrity and ensuring reliable operation throughout its lifecycle.