

AMIKON TECHNICAL INTELLIGENCE

Installation Instructions

Schneider Electric 140CPU11302

Modicon Quantum Processor

01

PREPARATION

Exact model	140CPU11302
Platform	Modicon Quantum
Software	Concept or ProWORX 32
Bus current	780 mA

02

INSTALLATION AND COMMISSIONING

- De-energize the Quantum rack and follow the controlled equipment safety procedure.
- Confirm the rack slot, backplane capacity and 780 mA bus-current requirement.
- Seat the processor fully in the Quantum rack and secure the module as documented.
- Connect Modbus RS232 and Modbus Plus only with the documented cables and topology.
- Restore power and verify RUN, battery, communication and error indicators.
- Load and verify the approved Concept or ProWORX 32 application before service.

03

REPLACEMENT AND SAFETY CHECKS

- Record the complete model, application backup and network settings before removal.
- Do not assume Control Expert compatibility; this processor uses Concept or ProWORX 32.
- Verify remote and distributed I/O configuration before commissioning a replacement.
- For migration to BMEP581020, engineer the M580 architecture and application conversion.
- Operate only within 0...60 °C and 95% non-condensing humidity limits.

04

CONTROLLED SOURCE

Manufacturer	Schneider Electric
Exact model	140CPU11302
Official document	Modicon Quantum Hardware Reference Manual
Instruction source	Schneider Electric 043506143K02000