

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Schneider Electric 140CPU11302

Modicon Quantum Concept Processor

Schneider Electric 140CPU11302 is an 80186-based processor for the Modicon Quantum automation platform. It provides one Modbus RS232 port and one Modbus Plus port and is programmed with Concept or ProWORX 32.

01

OFFICIAL PRODUCT PARAMETERS

Model	140CPU11302
Manufacturer	Schneider Electric
Product type	Modicon Quantum processor
Processor	80186 at 20 MHz
Internal RAM	109 kB
Execution time	0.3...1.4 ms per 1 Kinstruction (LL984)
Watchdog timer	250 ms
Communication ports	1 Modbus RS232; 1 Modbus Plus
Bus current	780 mA
Operating temperature	0...60 °C

02 ENVIRONMENT AND LIFECYCLE

Storage temperature	-40...85 °C
Relative humidity	95% without condensation
Operating altitude	Up to 5000 m
Net weight	0.3 kg
Country of origin	France
Lifecycle	Discontinued 31 May 2015
End of standard service	31 December 2026
Recommended replacement	BMEP581020

03 ENGINEERING NOTICE

Confirm the installed Quantum rack, application program, communication topology, firmware and migration requirements before replacement. Schneider Electric identifies BMEP581020 as the current recommended replacement, but application conversion and I/O architecture must be engineered.