MODICON QUANTUM

Product Data Sheet

140CPU11302

Quantum processor module

FUNCTION	FAMILY	ORIGIN	WEIGHT
Quantum processor module	**Modicon Quantum**	**France**	**0.30 kg**

Schneider Electric 140CPU11302 is a Quantum processor module for the Modicon Quantum. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Processor	80186
Clock frequency	20 MHz
Internal RAM	109 kB
Instruction time	0.3-1.4 ms per Kinstruction
Watchdog timer	250 ms
Communication ports	1 Modbus RS232 and 1 Modbus Plus
Bus current requirement	780 mA
Maximum local I/O	64 input and 64 output words
Distributed drops	63 per network
Remote drops	31

02 ADDITIONAL PRODUCT DATA

Battery capacity	1.2 Ah
Battery life	10 years

03 OFFICIAL APPLICATIONS

- Assembly and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production processes
- Municipal and Industrial Water Treatment: Municipal water and wastewater treatment; Industrial water and environmental treatment
- Thermal and Renewable Power Production: Thermal and hydroelectric power production; Renewable generation and energy integration

04 SYSTEM COMPATIBILITY

Match 140CPU11302 to the installed Modicon Quantum, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Technical documentation applicable to 140CPU11302

Selected technical pages; website addresses removed from this reference package.

AMIKON PRODUCT SUPPORT

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