



Main

Range of product	Modicon Momentum automation platform
Product or component type	Processor
Product compatibility	Advantys STB I/O
Concept	Transparent Ready
Web server	Class B
Software designation	Concept ProWORX
Processor name	Base 186
Communication port protocol	Modbus TCP/IP Ethernet 4 RJ45 10/100 Mbps twisted shielded pairs cable CAT 5E Modbus RS485/RS232 1 RJ45 19200 bps 2 or 4 wires

Complementary

Web services	4 embedded web pages Controller configuration Ethernet statistics Home pages Links to Schneider Electric web site
Communication service	Messaging 125 words 4000 I/O message per second
Word length	16 bit
Material	Lexan
Supply voltage limits	19.2...42.5 V
Clock frequency	50 MHz
Topology	Star Multidrop Modbus
Method of access	Master/Slave
Control parameter	CRC-16 for Modbus CRC-32 for Modbus TCP/IP
Addressing	Unique IEEE global address IP address user assigned Modbus TCP/IP
Fail state	Safe I/O mode Modbus TCP/IP
Memory description	Program memory LL984 18 kB Program memory IEC 200 kB
Register words	26032
I/O limit processor capacity	8192 inputs/8192 outputs
Number of devices	64 Ethernet
Exact time for 1 K instruction	0.25 ms
Local signalling	4 LEDs port communication at 100 Mbps 4 LEDs Ethernet port activity 1 LED PLC RUN 1 LED PLC LAN ST
Marking	CE
Current consumption	100 mA 24 V DC
Module format	Standard
Product mounting	35 mm symmetrical DIN rail
Height	75.2 mm
Width	143 mm
Depth	43 mm
Product weight	0.19 kg

Environment

Dielectric strength	500 V for 1 minute Ethernet 0 V not isolated RS232
Product certifications	CSA UL
IP degree of protection	IP20 IEC 529 group A,B,C,D
Shock resistance	+/- 15 gn 11 ms semi sinusoidal wave
Vibration resistance	1 gn 57...150 Hz 1 gn 0.075 mm 10...57 Hz
Resistance to electrostatic discharge	8 kV on air IEC 801-2 4 kV contact IEC 801-2
Resistance to electromagnetic fields	10 V/m 80...1000 MHz IEC 801-3
Ambient air temperature for operation	-20...70 °C
Ambient air temperature for storage	-40...70 °C
Relative humidity	5...95 % without condensation
Operating altitude	<= 2000 m

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0906 - Schneider Electric declaration of conformity
Product environmental profile	Available