



Date: April 2014

Subject: Modicon™ Quantum™ and Momentum™ CPU modernization strategy

Schneider Electric Industry Business is pleased to now offer a complete range of PLCs and PACs for industrial process applications and machines with its latest release of the Modicon Unity Momentum CPU. The availability of the Unity Momentum CPU allows customers to utilize Unity Pro software, a single software package, to program their industrial controllers. This latest release of the Modicon Unity Momentum CPU simplifies programming across multiple software platforms as well as minimizes support and diagnostics.

In an effort to expand the focus on new Unity Pro hardware, the non-Unity Modicon Momentum and Quantum CPUs will be obsolete May 31, 2015. After this 2015 date, the identified CPUs will no longer be sold as new products however, service by replacement or repair will be available for eight years post this date (2023). Servicing and repairing these CPUs potentially could result in extended downtime and difficulty as the components required to execute the repairs become scarce. In addition to the obsolescence of the non-Unity Modicon Momentum and Quantum CPUs, the Concept and ProWORX 32 software products will also be obsolete on May 30, 2015. Maintaining your support contracts after this period will ensure availability of advanced technical support as needed.

At Schneider Electric, we recognize our customers' significant investment in automation and control systems that minimize their cost of ownership while maximizing their productivity. We strive to manage the modernization path for our automation hardware and software so that customers can minimize the overall expense of keeping their automation and control systems functional while making current technology available in their applications. To further support the modernization strategy, Schneider Electric's Industry Services and Solutions team is able to perform varying levels of service as including a full scale turn-key solution.

If you have any questions, contact your Schneider Electric account manager or your Schneider Electric Automation & Control Expert channel representative.

A handwritten signature in black ink that reads "Stephen Arnold". The signature is written in a cursive style with a large, stylized initial "S".

Stephen Arnold
Offer Manager, Schneider Electric.

April 2014

Affected part numbers for the End of Commercialization of non-Unity Modicon Momentum and Quantum CPUs.

Quantum CPUs

Part Number	Description
140CPU11302	Quantum Controller 256 K RAM, 8 K User Logic, 10 K Registers, 1 Modbus and 1 Modbus Plus port
140CPU11303	Quantum Controller 512 K RAM, 16 K User Logic, 10 K Registers, 1 Modbus and 1 Modbus Plus port
140CPU43412A	Quantum Controller 486, 800 Kb, 2 Modbus Ports, 1 Modbus Plus. Key switch to Start/Memory Protect/Start Controller
140CPU53414B	Quantum Controller 2.5 MRAM, 2 ModBus Ports, 1 Modbus Plus. Math Co-Processor. Key Switch to Start/Memory Protect/Start Controller

Hot Standby Modules and Kits

Part Number	Description
140CHS21000	High Level Hot Stand-by Kit
140CHS11000	Hot Standby Module
140CHS32000	Quantum Hot Standby Remote I/O Coaxial Cable Terminator Kit
140SHS94500	Hot Standby Loadable Software
140CHS41010	Level One Low Cost Hot Standby Kit
140CHS41020	Level Two Low Cost Hot Standby Kit

Momentum Option Adapters

Part Number	Description
172JNN21032	MODBUS OPTION ADAPTER
172JNN21032C	MODBUS OPTION ADAPTER CC
172PNN21022	MB+ OPTION ADAPTER**
172PNN21022C	MB+ OPTION ADAPTER CC**
172PNN26022	REDUNDANT MB+ OPT ADAPTER

Momentum CPUs

Part Number	Description
171CCC76010	M1 Processor Adapter 512 K RAM, RS232 and I/OBus Ports, IEC Compatible
171CCC76010C	M1 Processor Adapter 512 K RAM, RS232 and I/OBus Ports, IEC Compatible, Conformally Coated
171CCC78010	M1 Processor Adapter 512 K RAM, RS232 and RS485 Ports, IEC Compatible
171CCS70000	M1 Processor Adapter 64 K RAM, RS232 Port, 984 LL
171CCS76000	M1 Processor Adapter 256 K RAM, RS232 and I/OBus Ports, IEC Compatible
171CCS78000	M1 Processor Adapter 64 K RAM, RS232 and RS485 Ports, 984 LL
171CBB97030	M1E Processor with ConneXium 4-port Switch (10 / 100 Ethernet) and RS232 / 485 selectable serial port, ProWORX or Concept.
171CCC96020	M1E Processor Adapter 512 K RAM, Ethernet and I/OBus Ports, Web page enabled, 984 LL
171CCC96020C	M1E Processor Adapter 512 K RAM, Ethernet and I/OBus Ports, Web page enabled, 984 LL, Conformally Coated 2154.00 PC31 18206
171CCC98020	M1E Processor Adapter 512 K RAM, Ethernet and RS485 Ports, Web page enabled, 984 LL
171CCC96030	M1E Processor Adapter 512 K RAM, Ethernet and I/OBus Ports, Web page enabled, IEC
171CCC96030C	M1E Processor Adapter 512 K RAM, Ethernet and I/OBus Ports, Web page enabled, IEC, Conformally Coated
171CCC98030	M1E Processor Adapter 512 K RAM, Ethernet and RS485 Ports, Web page enabled, IEC