

Programmable Controllers

Section 1.0: HEC—Hardware

Section 1.1—Modicon® Quantum™ PLC—continued

Catalog No.	Description	Price \$	Disc. Sched.	Cat.
Quantum Analog Output Modules				
Quantum I/O modules are available at additional cost with Conformal coating by adding a "C" to the end of the part number. Contact your local Square D office or distributor for specific pricing.				
140ACO02000	Quantum Analog Current Output, 4 channel, 4-20 mA, 12 Bit, 500 VAC ch-ch isolation	1355.00	PC21	18155
140ACO13000	Quantum 8 Channel High Density Analog Output Module	2038.00	PC21	18155
140AIO33000	Quantum 8 Channel intrinsically safe analog current output module	3551.00	PC21	18155
140AVO02000	Quantum Analog Output Voltage, +10 to -10, +5 to -5, 0 to 10, 0 to 5 VDC, 12 Bit, 4 ch.	1355.00	PC21	18155
Quantum Analog Combination Modules				
Quantum I/O modules are available at additional cost with Conformal coating by adding a "C" to the end of the part number. Contact your local Square D office or distributor for specific pricing.				
140AMM09000	Quantum Analog Combination Module, 4 ch. Multi-Range Input, 2 ch. Current Output	1288.00	PC21	18155
Quantum Specialty Modules				
The Quantum Specialty Input Modules are used in specific applications that require either high speed inputs or latching outputs. Quantum Specialty Modules are available at additional cost with Conformal coating by adding a "C" to the end of the part number. Contact your local Square D office or distributor for specific pricing.				
140EHC10500	Quantum high speed Discrete counter module, 35kHz @24 VDC, 100 kHz @ 5 VDC 5 ch., 8 In/8 Out pt.	1626.00	PC21	18155
140EHC20200	Quantum high speed counter module, 24 VDC, 500 kHz, Supports incremental or quad. encoders, 2 ch.	1626.00	PC21	18155
140HLI34000	Quantum High Speed Latch/Interrupt, 24 VDC, 16 pt., Sink or Source inputs, used in local rack to CPU only.	746.00	PC21	18155
140ERT85410	Quantum Smart Time Tag Module; discrete inputs, 24-125VDC, 32pt. This module replaces the former 140 ERT 854 00	1547.00	PC21	18155
140NOG11100	Quantum Modnet 1/SFB Master Communication Module P01301	2024.00	PC21	18155
Quantum Communication Adapters				
Please refer to the Remote I/O Section for taps, splitters, connectors and miscellaneous remote I/O hardware. All of these modules, with the exception of the Interbus-S modules are available at additional cost with Conformal coating by adding a "C" to the end of the part number. Contact your local Square D office or distributor for specific pricing.				
Network Option Modules				
140NOM21100	Quantum Network Option Module, (1) Modbus Port, (1) Modbus Plus, Single Cable	1355.00	PC21	18150
140NOM21200	Quantum Network Option Module, (1) Modbus Port, (1) Modbus Plus, Dual Cable	1895.00	PC21	18150
140NOM25200	Quantum Network Option Module, Fiber Optic Modbus Plus Head End/Repeater, 1ch.	2168.00	PC21	18150
Distributed I/O				
140CRA21110	Quantum Distributed I/O Drop Adaptor and Power Supply, 115/230 VAC, 47-63Hz, 3 Amp, standalone, single cable	679.00	PC21	18155
140CRA21120	Quantum Distributed I/O Drop Adaptor and Power Supply, 24 VDC, 3 Amp, standalone, single cable	679.00	PC21	18155
140CRA21210	Quantum Distributed I/O Drop Adaptor and Power Supply, 115/230 VAC, 47-63Hz, 3 Amp, standalone, dual cable	1084.00	PC21	18155
140CRA21220	Quantum Distributed I/O Drop adaptor and Power Supply, 24 VDC, 3 Amp, standalone, dual cable	1084.00	PC21	18155
Remote I/O				
140CRP93100	Quantum remote I/O processor interface, S908 RIO Head, single cable, one F-type coaxial, 1.544 Mb/s	1355.00	PC21	18155
140CRP93200	Quantum remote I/O processor interface, S908 RIO Head, dual cable, two F-type coaxial, 1.545 Mb/s	1896.00	PC21	18155
140CRA93100	Quantum remote I/O drop adapter, S908 RIO, single cable, one F-type coaxial	1355.00	PC21	18155
140CRA93101	Quantum remote I/O Drop Adapter S908 RIO, Single Cable, Redundant (Special Assembly for 3rd Party Use Only)	1489.00	PC21	18155
140CRA93200	Quantum remote I/O drop adapter, S908 RIO, dual cable, two F-type coaxial	1896.00	PC21	18155
Ethernet				
140NOE77101	Quantum Ethernet Module Network Option Ethernet TCP/IP, Full Duplex Twisted Pair (10/100 Mbps) and Fiber Link (100 Mbps), 1 Channel	1708.00	PC21	18150
140NOE77101C	Quantum Ethernet Module Network Option Ethernet TCP/IP, Full Duplex Twisted Pair (10/100 Mbps) and Fiber Link (100 Mbps), 1 Channel. Conformally coated.	1822.00	PC21	18150
140NOE77111	Quantum FactoryCast Web Server Module Network Option Ethernet TCP/IP, Full Duplex Twisted pair (10/100 Mbps) and Fiber Link (100 Mbps), 1 Channel.	2391.00	PC21	18150
140NOE77111C	Quantum FactoryCast Web Server Module Network Option Ethernet TCP/IP, Full Duplex Twisted pair (10/100 Mbps) and Fiber Link (100 Mbps), 1 Channel. Conformally coated.	2505.00	PC21	18150
140NWM10000	Quantum FactoryCast HMI Web Server Module Full Duplex, Twisted pair (10/100 Mbps) RJ45 Connector, 1 Channel. Requires Concept V2.6 or Unity PRO and TLXCDFCHMIV1M Configuration Software	2970.00	PC21	18150
TLXCDFCHMIV1M	Configuration Software Factorycast HMI V1.0, Used to Create, Modify, and Transfer Applications to and from FactoryCast HMI Premium and Quantum Modules	660.00	PC21	18150
Interbus-S				
140NOA61100	Quantum Network Option Adapter, Interbus-S Master, 1ch. Supports Interbus-S Physical addressing mode only 1 x RS485 IBS, 1 x RS232, single cable	2438.00	PC21	18150
140NOA61110	Quantum Network Option Adapter, Interbus-S master, 1 ch. Logical addressing, PCP version 1.5, supports Quantum 486 Controller. Consult factory for pricing. 1 x RS485 IBS, 1 x RS232, single cable	2367.00	PC21	18150
140NOA62200	Quantum Interbus Generation 4	1833.00	PC21	18150
LonWorks				
140NOL91110	Quantum Lon Works Head End, 78 Kilobit, Linear Topology, Twisted Pair Media, Transformer Isolated	2499.00	PC21	18155
AS-I				
140EIA92100	Quantum AS-I Master Module, Expert Interface, 1 channel, single cable	1052.00	PC21	18155
ASCII				
140ESI06210	Quantum ASCII interface, 2 channel RS232, burst speed 19.2 Kbd, 255 messages, 127 Characters each, 32K Words of Register Storage, Use On-board Editor or Word Processor to Set Up, Requires (309 ULD 1500) ESI Software Loadable	1895.00	PC21	18155