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Cutler-Hammer Devices

Installation and user manuals and other documentation for selected Cutler-Hammer DeviceNet and QCPort devices are included on the CH Studio Installation CD as PDF files.

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- Intelligent Technologies (*IT.*) Product Line
- Other Product Lines
- Miscellaneous

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Intelligent Technologies (*IT.*) Product Line Documentation

The following table provides direct links to the documentation (PDF files) for Eaton's Cutler-Hammer Intelligent Technologies (*IT.*) DeviceNet and QuickConnectPort (QCPort) products.

DeviceNet and QCPort	Document Title	Publ. No.
Communication Adapter		
<i>IT.</i> D77D-DNA (DeviceNet to QCPort Adapter)	DeviceNet Adapter (D77D-DNA) Installation and User Manual	MN05004002E
	D77D-DNA DeviceNet Adapter to QCPort Installation Leaflet	Pub. 50344 (F)
<i>IT.</i> D77D-EMA (Modbus to QCPort Adapter)	Modbus to QCPort Adapter (D77D-EMA) Installation and User Manual	MN05002002E
	Modbus TCP Adapter to QCPort Installation Leaflet	Pub. 50370 (A)
<i>IT.</i> DSNAP (DeviceNet Starter Network Adapter Product)	DeviceNet Starter Network Adapter Product (D77B-DSNAP) Installation and User Manual	MN05004001E
	D77B-DSNAP Starter Network Adapter Product Installation Leaflet	Pub. 50345 (H)

DeviceNet and QCPort	Document Title	Publ. No.
	D77B-HOA8 Hand Off Auto Adapter for SNAP Products Installation Leaflet	Pub. 50368 (B)
<i>IT. QCPort Cover Control</i>	QCPort Cover Control Programmer's Manual	MN05009001E
<i>IT. S811</i>	S811 Soft Starter User Manual	Pub 49003 (Rev. K)
Electromechanical Motor Control		
<i>IT. Contactors and Starters</i>	Non-Reversing Contactor and Starter Assembly Instructions: Contactor 76mm, Starters 45, 54, 76mm	Pub49665 (D)
	Non-Reversing Contactor Assembly Instructions: Contactors 45 & 54 mm	Pub49645 (C)
	IEC/NEMA Front Mountable Auxiliary Contact Assembly Instructions: Frames A – F	Pub49410 (A)
<i>IT. IEC Contactors and Starters</i>	<i>IT. IEC Contactor and Starter: A – F Frames User Manual</i>	MN03403002E
	IEC Contactors & Starters	CA03403002E
	IEC Overload Relay: Setup and Troubleshooting Manual: B – F Frames	MN03403003E
	IEC Overload Relay: Quick Setup Guide: B – F Frames	Pub49602 (B)
	IEC Non-Reversing Contactor: A – Frame Instruction Leaflet	Pub49320 (C)
	IEC Non-Reversing Contactor: B – Frame Instruction Leaflet	Pub49640 (C)
	IEC Non-Reversing Contactor: C – Frame Instruction Leaflet	Pub49650 (C)
	IEC Non-Reversing Contactor: D – Frame Instruction Leaflet	Pub49660 (C)
	IEC Non-Reversing Contactor: E – Frame Instruction Leaflet	Pub49670 (C)

DeviceNet and QCPort	Document Title	Publ. No.
	IEC Non-Reversing Starter: B – Frame Instruction Leaflet	Pub49642 (C)
	IEC Non-Reversing Starter: C – Frame Instruction Leaflet	Pub49652 (C)
	IEC Non-Reversing Starter: D – Frame Instruction Leaflet	Pub49662 (C)
	IEC Non-Reversing Starter: E – Frame Instruction Leaflet	Pub49672 (C)
	IEC Reversing Contactor: A – Frame Instruction Leaflet	Pub49321 (C)
	IEC Reversing Contactor: B – Frame Instruction Leaflet	Pub49641 (C)
	IEC Reversing Contactor: C – Frame Instruction Leaflet	Pub49651 (C)
	IEC Reversing Contactor: D – Frame Instruction Leaflet	Pub49661 (C)
	IEC Reversing Contactor: E – Frame Instruction Leaflet	Pub49671 (C)
	IEC Reversing Starter: B – Frame Instruction Sheet	Pub49643 (C)
	IEC Reversing Starter: C – Frame Instruction Sheet	Pub49653 (C)
	IEC Reversing Starter: D – Frame Instruction Sheet	Pub49663 (C)
	IEC Reversing Starter: E – Frame Instruction Sheet	Pub49673 (C)
<i>IT</i> . NEMA Contactors and Starters	<i>IT</i> . NEMA Contactor and Starter: Size 00 to 5 User Manual	MN03305001E
	NEMA Contactors and Starters	CA03305001E
	NEMA Overload Relay: Setup and Troubleshooting Manual: Size 00 to 5	MN03305002E
	NEMA Overload Relay: Quick Setup Guide Size 00 – 5	Pub50102 (A)
	NEMA Non-Reversing Contactor: Size 00 & 0 Instruction Leaflet	Pub50140 (A)

DeviceNet and QCPort	Document Title	Publ. No.
	NEMA Non-Reversing Contactor: Size 1 Instruction Leaflet	Pub50150 (A)
	NEMA Non-Reversing Contactor: Size 2 Instruction Leaflet	Pub50160 (A)
	NEMA Non-Reversing Contactor: Size 3 & 4 Instruction Leaflet	Pub50170 (A)
	NEMA Non-Reversing Starter: Size 00 & 0 Instruction Leaflet	Pub50142 (A)
	NEMA Non-Reversing Starter: Size 1 Instruction Leaflet	Pub50152 (A)
	NEMA Non-Reversing Starter: Size 2 Instruction Leaflet	Pub50162 (A)
	NEMA Non-Reversing Starter: Size 3 & 4 Instruction Leaflet	Pub50172 (A)
	NEMA Reversing Contactor: Size 00 & 0 Instruction Leaflet	Pub50141 (A)
	NEMA Reversing Contactor: Size 1 Instruction Leaflet	Pub50151 (A)
	NEMA Reversing Contactor: Size 2 Instruction Leaflet	Pub50161 (A)
	NEMA Reversing Contactor: Size 3 & 4 Instruction Leaflet	Pub50171 (A)
	NEMA Reversing Starter: Size 00 & 0 Instruction Leaflet	Pub50143 (A)
	NEMA Reversing Starter: Size 1 Instruction Leaflet	Pub50153 (A)
	NEMA Reversing Starter: Size 2 Instruction Leaflet	Pub51063 (A)
	NEMA Reversing Starter: Size 3 & 4 Instruction Leaflet	Pub50173 (A)
I/O		
<i>IT</i> . D77A I/O Modules	D77A I/O Module Products Installation and User Manual	MN05002001E
<i>IT</i> . 8 Pt AC Input (D77A-AI8), 16 Pt AC Input (D77A-AI16)	D77A-AI8, D77A-AI16 120 V AC Input Installation Leaflet	Pub. 50349 (F)

DeviceNet and QCPort	Document Title	Publ. No.
<i>17.</i> 8 Pt AC Output (D77A-AQ8), 16 Pt AC Output (D77A-AQ16)	D77A-AQ8, D77A-AQ16 120V AC Output Installation Leaflet	Pub. 50350 (E)
<i>17.</i> 8 Pt DC Input (D77A-DI8), 16 Pt DC Input (D77A-DI16)	D77A-DI8, D77A-DI16 24V DC Sink/Source Input Installation Leaflet	Pub. 50351 (E)
<i>17.</i> 8 Pt DC Output (D77A-DQ8), 16 Pt DC Output (D77A-DQ16)	D77A-DQ8, D77A-DQ16 24V DC MOSFET Sink Output Installation Leaflet	Pub. 50352 (E)
<i>17.</i> 8 Pt Relay Output (D77A-RQ8), 16 Pt AC/DC Output (D77A-RQ16)	D77A-RQ8, D77A-RQ16 Relay Output Installation Leaflet	Pub. 50348 (E)
<i>17.</i> 8/8 Pt AC Input/AC Output (D77A-AI8AQ8)	D77A-AI8AQ8 120V AC Input/Relay Output Installation Leaflet	Pub. 50356 (E)
<i>17.</i> 8/8 Pt AC Input/Relay Output (D77A-AI8RQ8)	D77A-AI8RQ8 120V AC Input/Relay Output Installation Leaflet	Pub. 50357 (E)
<i>17.</i> 8/8 Pt DC Input/DC Output (D77ADI8DQ8)	D77ADI8DQ8 24V DC Sink/Source Input/24V DC Sink Output Installation Leaflet	Pub. 50353 (E)
<i>17.</i> 8/8 Pt DC Input/Relay Output (D77A-DI8RQ8)	D77A-DI8RQ8 24V DC Sink/Source Input/Relay Output Installation Leaflet	Pub. 50354 (E)
Solid State Motor Control		
Motor Starters	Reduced Voltage Motor Starters	CA03902001E
	Instruction Leaflet for the TL Torque Limiter	Pub 49441
S701 Soft Starter	Instruction Leaflet for S701 Soft Starters	Pub 49440
	Instruction Leaflet for S701X25B3S Soft Start Controller with Brake	Pub 49444
	Instruction Leaflet for the S701X25N3BP Soft Start Controller with Auxiliary Contact	Pub 49442

DeviceNet and QCPort	Document Title	Publ. No.
S751 Soft Starter	S751 Soft Starter User Manual	Pub 49907

Other Product Line Documentation

The following table provides direct links to the documentation (PDF files) for other Cutler-Hammer products and related information.

Devices	Document Title	Publ. No.
Communication Adapter		
AF91DNA	AF91DNA Instruction Leaflet	I.L. 01-50484-01
C395DNA	Instruction Leaflet for the C395DNA	Pub 24658
D930ISADNA	D930ISADNA DeviceNet Interface (ISA)	I.L. 24689
WPONIDNA	Instruction Leaflet for the WPONIDNA	Pub 24659 Rev. A
Electromechanical Motor Control		
Motor Starters and Contactors	Motor Starters and Contactors: Freedom and Advantage	PG.9.02.T.E
	Motor Starters and Contactors: Freedom AE19 and AN19 Motor Starters	PG.9.02.T.E
Advantage ACM	Instructions for WPBFV7 DeviceNet ACM	I.L. 17606
Electronic Overload Relay		
C395 Products	Instruction Leaflet for the C395 Non-Reversing and Reversing 45mm Electronic Overloads	I.L. 24653
I/O		
DN50	Product Information for the DN50	I.L. 01-50387-01
DN65	DN65 DeviceNet I/O Module: Technical Data	TD04303002E

Devices	Document Title	Publ. No.
Sensor Adapter Module	Installation Instructions for DeviceNet Sensor Adapter Modules	I.L. 24669
Operator Interface		
General	Operator Interface	PG.09.02A.T.E
PMS (PanelMate Series)	PanelMate Getting Started User's Guide	P/N 01-00488-01
	PanelMate Series 500: Getting Started User's Guide	P/N 01-00258-00
	Hardware Installation Guide: PanelMate Power Series 1500	P/N 01-00305-02
	PanelMate 1700 Series: PanelMate Power Pro Express Setup	P/N 01-00401-04
	PanelMate ePro Users Guide	P/N 01-00500-00
	PanelMate Hardware Installation Guide	P/N 01-00436-05
	PanelMate Document Viewer Users Guide	P/N 01-00502-00
	PanelMate Headline Manager Users Guide	P/N 01-00501-00
	PanelMate OEM Support Kit User's Guide	P/N 01-00413-03
	PanelMate Online Operation User's Guide	P/N 01-00491-01
	PanelMate PC Runtime Operation User's Guide	P/N 01-00445-01
	PanelMate Power Pro Configuration Editor Software User's Guide	P/N 01-00490-01
	PanelMate Recipe Manager Users Guide	P/N 01-00503-00
	PanelMate Transfer Utility User's Guide	P/N 01-00492-01
	PanelMate Trend Viewer Users Guide	P/N 01-00504-00

Devices	Document Title	Publ. No.
PanelMate Communication Drivers	PanelMate Allen-Bradley Communication Driver Manual	P/N 01-00447-05
	PanelMate ControlNet Communication Driver Manual	P/N 01-00484-00
	PanelMate Cutler-Hammer Communication Driver Manual	P/N 01-00448-02
	PanelMate PC DDE Connectivity Communication Driver Manual	P/N 01-00449-03
	PanelMate DeviceNet Communication Driver Manual	P/N 01-00450-02
	PanelMate GE Fanuc Communication Driver Manual	P/N 01-00451-02
	PanelMate Mitsubishi Communication Driver Manual	P/N 01-00453-02
	PanelMate Modicon Communication Driver Manual	P/N 01-00454-03
	PanelMate Omron Communication Driver Manual	P/N 01-00455-02
	PanelMate PLC Direct Communication Driver Manual	P/N 01-00456-02
	PanelMate Profibus Communication Driver Manual	P/N 01-00457-03
	PanelMate Reliance Communication Driver Manual	P/N 01-00458-02
	PanelMate ROBOX Communication Driver Manual	P/N 01-00459-02
	PanelMate Siemens Communication Driver Manual	P/N 01-00460-04
	PanelMate Square D Communication Driver Manual	P/N 01-00461-02
	PanelMate Texas Instruments Communication Driver Manual	P/N 01-00462-02
	PanelMate Toshiba T2 Communication Driver Manual	P/N 01-00463-02
Sensor		
General	DeviceNet Sensors	PG.09.02A.T.E

Devices	Document Title	Publ. No.
E50	Installation Instructions for DeviceNet E50 Limit Switches	111032 Rev --
E51	Instruction Manual E51 Thru-Beam Photoelectric Sensor	17812 Rev 01
	Installation Instructions for DeviceNet E51 Limit Switch Style Inductive and Photoelectric Sensors	111033 Rev --
	Product Improvement: E51 Switch Bodies	108642 Rev 01
Prism Photoelectric Sensor	Installation Instructions for DeviceNet Prism Photoelectric Sensors	I.L. 24668
Variable Frequency Drive		
AF91	AF91sv AF Drives: Instruction Manual	TD.08H.37.T.E
SV9000	SV9000 AF Drives User Manual	
	SV9000 AF Drives User Manual: Manual Supplement	IL.08H.06.T.E, Rev. 01
	SV9000 Quick Reference Guide	TD.08H.08.TE
	SV9000 AF Drives DeviceNet Option Board: Instruction Leaflet	I.L. 01-50509-00
	SV90C105: 120V Input Option Board with Analog Output	IL.08H.02.T.E, Rev. 01
	AF93 to SV9000: Cross Reference	CR.8H.02.T.E
	AF95 to SV9000: Cross Reference	CR.8H.01.T.E
	SVReady User Manual	
	SVReady User Manual: Local/Remote Control Application	TD.08H.11.T.E
	SVReady User Manual: Local/Remote Control Application: Manual Supplement	IL.08H.07.T.E, Rev. 01

Devices	Document Title	Publ. No.
	SVReady User Manual: Multi-Purpose Control Application	TD.08H.14.T.E
	SVReady User Manual: Multi-Purpose Control Application: Manual Supplement	IL.08H.12.T.E, Rev. 01
	SVReady User Manual: Multi-Step Speed Control Application	TD.08H.12.T.E
	SVReady User Manual: Multi-Step Speed Control Application: Manual Supplement	IL.08H.08.T.E
	SVReady User Manual: PI-Control Application	TD.08H.13.T.E
	SVReady User Manual: PI-Control Application: Manual Supplement	IL.08H.10.T.E, Rev. 01
	SVReady User Manual: Pump and Fan Control Application	TD08.H.15.T.E
	SVReady User Manual: Pump and Fan Control Application: Manual Supplement	IL.08H.09.T.E
	SVReady User Manual: Standard Control Application	TD.08H.10.T.E
	SVReady User Manual: Standard Control Application: Manual Supplement	IL.08H.11.T.E

Miscellaneous Documentation

Category/Title	Publ. No.
Application Guide	
Adjustable Frequency Drives	TD.08H.17.T.E
Application Notes	
Harmonic Reduction Methods	Rev 1
<i>IT</i> . 2-Wire and 3-Wire Control	AP03901001E
<i>IT</i> . 24V DC Power Supplies	AP03903001E
<i>IT</i> . Adjustable Frequency Drive (AFD) Applications	AP04001001E
<i>IT</i> . Electromechanical Contactors and Starters Catalog Numbering System	AP05409001E
<i>IT</i> . NEMA vs. IEC	AP03501001E
<i>IT</i> . Operation with Unbalanced Voltages	AP02501001E
Reflective Wave Phenomena	Rev1
SV9000 Closed Loop	rev. 1
Tuning the SV9000 Sensorless Vector Control	Rev3
Installation Leaflet	
D77E-PS1 24Watt Power Supply Installation Leaflet	Pub. 50367 (B)
D77E-BPx QCPort Backplane Connector	Pub. 50363 (E)
D77E-QPLR Terminator/Power Tap/Long Run Adapter	Pub. 50346 (G)
D77E-TERRJ QCPort RJ Inline Terminator	Pub. 50364 (D)
Instruction Sheet	
MotoRx Series: dV/dt Filters	motorx.is, Rev. 4
White Paper	
Distributed Motor Control	TD05001001E
Other	
DeviceNet Starter Kit	I.L. 01-50432-02
Installation Planning Guide	SA-370
QCPort System Install Manual	MN05001002E

Category/Title	Publ. No.
DeviceNet Physical Media	PG.09.02A.T.E