

Company Name Details

Company Information

AUTOMATIONDIRECT
3505 HUTCHINSON ROAD
GA 30040
United States
Tel 770-889-2858
Fax 770-889-7876
Email: jpayne@automationdirect.com
Website: www.automationdirect.com

Additional Company / Plant Detail

Confirmation of Type Approval

This product doesn't have a Confirmation of Type Approval.

Certificate Number	Category	Expiry Date

Product Automation and Controls System

Model P3000

Intended Service Marine & Offshore Application - Programmable Logic Controllers for Shipboard Automation and Control Systems for ACC and ACCU Classed Vessels and Offshore and Industrial Controls.

Description Productivity 3000 Programmable Controllers consist of Power Supply, CPU, Discrete DC I/O, Discrete AC I/O, Analog I/O, Motion Speed Counter Input, Ziplink Modules. See attached "pdf" for equipment list and part numbers.

Power Supply P3-01DC: 24 to 48 VDC;
Maximum Input Power : 67 W;
Operating Temperature: 0°C to 60°C (32°F to 140°F);

Ratings Power Supply P3-01AC: 100 to 240 VAC; 50 to 60 Hz;
Maximum Input Power : 72W;
Operating Temperature: 0°C to 60°C (32°F to 140°F);

Locations: Class 1, Division 2, Groups A, B, C and D or non-hazardous locations only.

Service Restrictions 1) Unit Certification is required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.
2) Tests and approval are for hardware only. Each particular application/configuration is to be specifically approved.
3) When product is marked for use in hazardous location, certificate/document is to be submitted to ABS upon request.

Comments	1) The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
Notes, Drawing and Documentation	Drawing No. E139594-20061026-Description, Description, Revision: -, Pages: - Drawing No. E495364-20070123-Description, Description, Revision: -, Pages: - Drawing No. ce adc P3000, EC Declaration of Conformity, Revision: -, Pages: -
Term of Validity	<p>This Product Design Assessment (PDA) Certificate remains valid until 12/Aug/2023 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).</p> <p>Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.</p> <p>This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.</p>
ABS Rules	<p>Rules for Conditions of Classification, Part 1 2018 Steel Vessels Rules 1-1-4/7.7, 1-1-A3, 1-1-A4, which covers the following: 2018 Steel Vessels: 4-9-8/7, 4-9-8/13.1, 4-9-8/Table 1, 4-8-3/13.1; Rules for Conditions of Classification, Part 1 - 2018 Offshore Units and Structures 1-1-4/9.7, 1-1-A2, 1-1-A3, which covers the following: 2018 Mobile Offshore Drilling Units: 4-3-3/9.12(c), 6-1-1/9, 6-1-1/13</p>
National Standard	UL Certificate 20170821-E139594 (Issued 8/21/2017); UL Certificate 20170821-E157382 (Issued 8/21/2017); UL Certificate 20180221-E200031 (Issued 2/21/2018); UL Certificate 20171215-E495364 (Issued 5/12/2017)
International Standard	NA
Government Standard	NA
EUMED Standard	NA
Others Standard	NA

Model Certificate	Model Certificate #	Issue Date	Expiry Date
PDA	18-1761405-1-PDA	01-DEC-2020	12-AUG-2023

Part number	Description	UL File #	CE
Bases			
P3-03B	3-SLOT I/O BASE FOR P3000 PAC REQ P3-01AC OR P3-01DC	E157382	YES
P3-05B	5-SLOT I/O BASE FOR P3000 PAC REQ P3-01AC OR P3-01DC	E157382	YES
P3-08B	8-SLOT I/O BASE FOR P3000 PAC REQ P3-01AC OR P3-01DC	E157382	YES
P3-11B	11-SLOT I/O BASE FOR P3000 PAC REQ P3-01AC OR P3-01DC	E157382	YES
Power Supplies			
P3-01DC	POWER SUPPLY 24-48VDC FOR P3000 PAC	E200031	YES
P3-01AC	POWER SUPPLY 100-240VAC FOR P3000 PAC	E157382	YES
CPU's			
P3-530	CPU 266 MHz PROCESSOR 50MB MEMORY FOR P3000 PAC	E157382	YES
P3-550E	CPU 266 MHz PROCESSOR 50MB MEMORY FOR P3000 PAC	E157382	YES
P3-RX	REMOTE I/O SLAVE FOR P3000 PAC	E157382	YES
P3-SCM	COMMUNICATIONS MODULE	E157382	YES
P3-EX	LOCAL I/O EXPANSION FOR P3000 PAC SHIPS W/CABLE P3-EX-CBL6	E157382	YES
Discrete DC I/O			
P3-08ND3S	8PT 12-24VDC INPUT SINK/SOURCE ISOLATED FOR P3000 PAC	E157382	YES
P3-16ND3	16PT 12-24VDC INPUT SINK/SOURCE FOR P3000 PAC	E157382	YES
P3-32ND3	32PT 24VDC INPUT SINK/SOURCE FOR P3000 PAC	E157382	YES
P3-64ND3	64PT 24VDC INPUT SINK/SOURCE FOR P3000 PAC	E157382	YES
P3-08TDIS	8PT 6-27VDC OUTPUT SINKING ISOLATED FOR P3000 PAC	E157382	YES
P3-08TD2S	8PT 6-27VDC OUTPUT SOURCING ISOLATED FOR P3000 PAC	E157382	YES
P3-16TD1	16PT 6-27VDC OUTPUT SINKING FOR P3000 PAC	E157382	YES
P3-16TD2	16PT 6-27VDC OUTPUT SOURCING FOR P3000 PAC	E157382	YES
P3-16TD3P	16PT 12-24VDC OUTPUT SINK/SOURCE ELECTRONIC SHORT CIRCUIT PROTECTED	E157382	YES
P3-32TD1	32PT 6-27VDC OUTPUT SINKING FOR P3000 PAC	E200031	YES
P3-32TD2	32PT 2(V30VDC OUTPUT SOURCING FOR P3000 PAC	E200031	YES
P3-64TD1	64PT 6-27VDC OUTPUT SINKING FOR P3000 PAC	E200031	YES
P3-64TD2	64PT 20w 30VDC OUTPUT SOURCING FOR P3000 PAC	E157382	YES
Discrete AC I/O			
P3-08NAS	8PT 100-240VAC INPUT ISOLATED FOR P3000 PAC	E157382	YES
P3-16NA	16PT 100-240VAC INPUT FOR P3000 PAC	E157382	YES
P3-08TAS	8PT 80-288VAC OUTPUT ISOLATED FOR P3000 PAC	E157382	YES
P3-16TA	16PT 80*288VAC OUTPUT FOR P3000 PAC	E157382	YES

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Productivity 3000 Product line

Product Design Assessment

P3-08TRS	8PT 6-27VDC 6-240VAC RELAY OUTPUT ISOLATED (8 FORM A) FOR P3000 PAC	E157382	YES
P3-08TRS-11	8CH 5A RELAY OUTPUT ISOLATED FOR P3000 PAC	E157382	YES
P3-16TR	16PT 6-27VDC 6240VAC RELAY OUTPUT (16 FORM A) FOR P3000 PAC	E157382	YES
Analog I/O			
P3-04ADS	4CH ANALOG INPUT VOLTAGE/CURRENT 16-BIT FOR P3000 PAC	E200031	YES
P3-08AD	8CH ANALOG INPUT VOLTAGE 16-BIT FOR P3000 PAC	E157382	YES
P3-16AD-1	16CH ANALOG INPUT CURRENT 16-BIT FOR P3000 PAC	E157382	YES
P3-16AD-2	16CH ANALOG INPUT VOLTAGE 16-BIT FOR P3000 PAC	E157382	YES
P3-08RTD	8CH RTD TEMPERATURE INPUT 16-BIT FOR P3000 PAC	E157382	YES
P3-08THM	8CH THERMOCOUPLE INPUT 16-BIT FOR P3000 PAC	E157382	YES
P3-04DA	4CH ANALOG OUTPUT VOLTAGE/CURRENT 16-BIT FOR P3000 PAC	E157382	YES
P3-08DA-1	8CH ANALOG OUTPUT CURRENT 16-BIT FOR P3000 PAC	E157382	YES
P3-08DA-2	8CH ANALOG OUTPUT VOLTAGE 16-BIT FOR P3000 PAC	E157382	YES
P3-06DAS-1	6CH ANALOG OUTPUT ISOLATED CURRENT 16-BIT FOR P3000 PAC	E200031	YES
P3-06DAS-2	6CH ANALOG OUTPUT ISOLATED VOLTAGE 16-BIT FOR P3000 PAC	E200031	YES
P3-16DA-1	16CH ANALOG OUTPUT CURRENT 16-BIT FOR P3000 PAC	E157382	YES
P3-16DA-2	16CH ANALOG OUTPUT VOLTAGE 16-BIT FOR P3000 PAC	E157382	YES
P3-8AD4DA-1	8CH IN 4 CH OUT ANALOG COMBO CURRENT 16-BIT FOR P3000 PAC	E157382	YES
P3-8AD4DA-2	8CH IN 4 CH OUT ANALOG COMBO VOLTAGE 16-BIT FOR P3000 PAC	E157382	YES
Motion			
P3-HIS	2CH HIGH SPEED COUNTER INPUT FOR P3000 PAC	E157382	YES
P3-HSO	2CH HIGH SPEED PULSE OUTPUT FOR P3000 PAC	E157382	YES
Ziplink Modules			
ZL-RTB20	ZIPLINK 20-POLE FEED THROUGH MODULE	E200031	YES
ZL-RTB40	ZIPLINK 40-POLE FEED THROUGH MODULE	E200031	YES
ZL-RFU20	ZIPLINK 16-POINT FUSE MODULE	E200031	YES
ZL-RFU40	ZIPLINK 32-POINT FUSE MODULE	E200031	YES
ZL-RRL-16-24-1	ZL RELAY MODULE SINK 24VDC 16 RELAYS LED	E157382	YES
ZL-RRL16-24-2	ZL RELAY MODULE SOURCE 24VDC 16 RELAYS LED	E157382	YES
ZL-RELAY-24x4	ZIPLINK RELAYS, 4PK, 24VDC REPLACEMENT RELAYS	E141060	None
ZL-LTB16-24	ZIPLINK 16-PT SENSOR INPUT MODULE 24VDC, LED INDICATION	E200031	YES
ZL-LTB32-24	ZIPLINK 32-PT SENSOR INPUT MODULE 24VDC, LED INDICATION	E200031	YES
ZL-P3-CBL20	CABLE 20-TERM/24-PIN 0.5m (1.6ft) ZIPLINK FOR P3000 PAC	E200031	YES
ZL-P3-CBL20-1	CABLE 20-TERM/24-PIN 1m (3.3ft) ZIPLINK FOR P3000 PAC	E200031	YES
ZL-P3-CBL20-1L	CABLE 20-TERM/24-PIN 1m (3.3ft) ZIPLINK FOR P3000 PAC INPUT MODULES	E200031	YES
ZL-P3-CBL20-2L	CABLE 20-TERM/24-PIN 2m (6.6ft) ZIPLINK FOR P3000 PAC INPUT MODULES	E200031	YES
ZL-P3-CBL20-P	CABLE 20-TERM/PIGTAIL 0.5m (1.6ft) ZIPLINK FOR P3000 PAC	E200031	YES
ZL-P3-CBL20-1P	CABLE 20-TERM/PIGTAIL 1m (3.3ft) ZIPLINK FOR P3000 PAC	E200031	YES

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ZL-P3-CBL20-2P	CABLE 20-TERM/PIGTAIL 2m (6.6ft) ZIPLINK FOR P3000 PAC	E200031	YES
ZL-P3-CBL40-1P	CABLE 40-TERM/PIGTAIL 1m (3,3ft) ZIPLINK FOR P3000 PAC	E200031	YES
ZL-P3-CBL40-2P	CABLE 40-TERM/PIGTAIL 2m (6.6ft) ZIPLINK FOR P3000 PAC	E200031	YES
ZL-CBL40	CABLE 40-TERM/40-PIN 0.5m (1.6ft) ZIPLINK FOR P3000 PAC	E200031	YES
ZL-CBL40 1	CABLE 40-TERM/40-PIN 1m (3.3ft) ZIPLINK FOR P3000 PAC	E200031	YES
ZL-CBL40-2	CABLE 40-TERM/4-PIN 2m (6,6ft) ZIPLINK FOR P3000 PAC	E200031	YES
ZL-CBL40-1P	CABLE 4-PIN/ PIGTAIL 1m (3 3ft) ZIPLINK FOR MULTI-USE	E200031	YES
ZL-CBL40-2P	CABLE 40-PIN/PIGTAIL 2m (6.6ft) ZIPLINK FOR MULTI-USE	E200031	YES
ZL-CBL40 S	CABLE 40-TERM/40-PIN 0.5m SHIELDED (1.6ft) ZIPLINK FOR P3000 HIGH-SPEED	E200031	YES
ZL-CBL40-1S	CABLE 40-TERM/40-PIN 1m SHIELDED (3.3ft) ZIPLINK FOR P3000 HIGH-SPEED	E200031	YES
ZL-CBL40-2S	CABLE 40-TERM/40-PIN 2m SHIELDED (6,6ft) ZIPLINK FOR P3000 HIGH-SPEED	E200031	YES
Accessories			
P3-Fill	FILLER MODULE FOR P3000 PAC	None	None