General Specifications

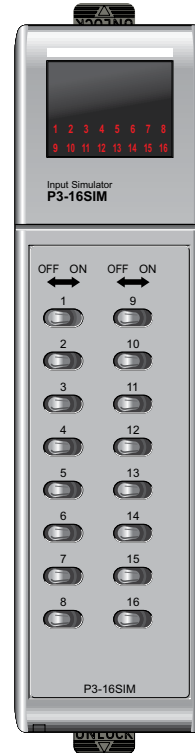|	
Operating Temperature	0° to 60°C (32° to 140°F),
Storage Temperature	-20° to 70°C (-4° to 158°F)
Humidity	5 to 95% (non-condensing)
Environmental Air	No corrosive gases permitted
Vibration	IEC60068-2-6 (Test Fc)
Shock	IEC60068-2-27 (Test Ea)
Heat Dissipation	0.25W
Enclosure Type	Open Equipment
Agency Approvals	UL508 file E157382, Canada & USA
	UL1604 file E200031, Canada & USA
	CE (EN61131-2*))
	This equipment is suitable for use in Class 1, Division 2, Groups A, B, C and D or non-hazardous locations only.
Module Location	Any I/O slot in any local, expansion, or remote base in a Productivity3000 System.
Weight	120g (4.23 oz)

*Meets EMC and Safety requirements. See the D.O.C. for details

Input Specifications

Inputs per Module	16 Internal switches
OFF to ON Response	Max. 20 ms
ON to OFF Response	Max. 20 ms
Status Indicators	Logic Side (16 points)

WARNING: Explosion hazard – Substitution of components may impair suitability for Class I, Division 2.

AVERTISSEMENT: Risque d'explosion : la substitution de composants peut compromettre la convenance pour la Classe I, Zone 2 ou pour la Classe I, Division 2.

P3-16SIM Simulator

The P3-16SIM Input Simulator module provides 16 toggle switches to simulate input devices.
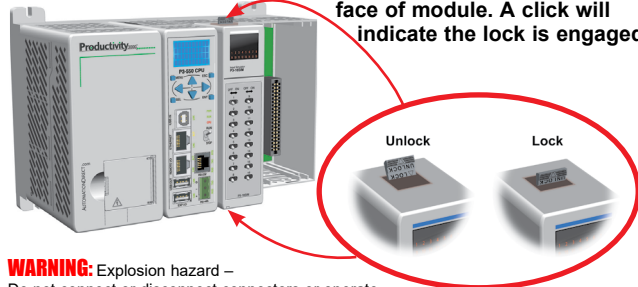
Warranty: Thirty-day money-back guarantee. Two-year limited replacement. (See www.automationdirect.com/P3000 for details).

Module Installation Procedure

Step One: Insert circuit card into appropriate slot and push to seat edge connector firmly into backplane.

Step Two:
Pull top and bottom locking tabs toward the face of module. A click will indicate the lock is engaged.

Unlock   Lock

WARNING: Explosion hazard –
Do not connect or disconnect connectors or operate switches while circuit is live unless the area is known to be non-hazardous. Do not hot-swap modules unless the area is known to be non-hazardous.

AVERTISSEMENT: Risque d'explosion : ne pas connecter ou déconnecter les connecteurs ni actionner les commutateurs alors que le circuit est sous tension, à moins que la zone ne soit reconnue non dangereuse. Ne pas remplacer à chaud les modules à moins que la zone ne soit reconnue non dangereuse.

To minimize the risk of potential safety problems, you should follow all applicable local and national codes that regulate the installation and operation of your equipment. These codes vary from area to area and it is your responsibility to determine which codes should be followed, and to verify that the equipment, installation, and operation are in compliance with the latest revision of these codes.

Equipment damage or serious injury to personnel can result from the failure to follow all applicable codes and standards. We do not guarantee the products described in this publication are suitable for your particular application, nor do we assume any responsibility for your product design, installation, or operation.

If you have any questions concerning the installation or operation of this equipment, or if you need additional information, please call Technical Support at 770-844-4200.

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Important Hot-Swap Information

The Productivity3000 PAC supports hot-swap!
Individual modules, expansion bases, and entire remote base groups can be taken offline, removed, and replaced while the rest of the PAC system continues controlling your process. Before attempting to use the hot-swap feature, be sure to read the hot-swap topic in the programming software's help file or our online documentation at AutomationDirect.com for details on how to plan your installation for use of this powerful feature.

Document Name	Edition/Revision	Date
P3-16SIM-M	1st Ed. Rev. D	03/02/2020