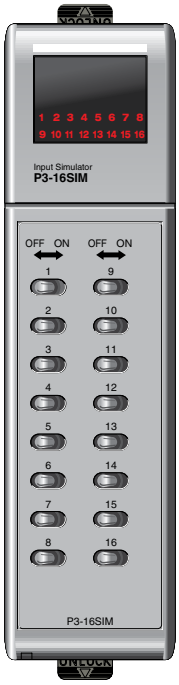
# Input Simulator / Filler Module

## P3-16SIM $214.00

***Input Simulator Module***
The P3-16SIM Input Simulator module provides 16 toggle switches to simulate input devices.




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

| General Specifications | |
|---|---|
| ***Operating Temperature*** | 0°C– 60°C (32°F–140°F), |
| ***Storage Temperature*** | -20ºC–70ºC (-4ºF–158ºF) |
| ***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*** | 0.25 W |
| ***Enclosure Type*** | Open equipment |
| ***Module Location*** | Any I/O slot in any local, expansion, or remote base in a Productivity3000® System. |
| ***Weight*** | 120g (4.23 oz) |
| ***Agency Approvals*** | UL508 file E157382, Canada & USA<br>UL1604 file E200031, Canada & USA<br>CE (EN61131-2*)<br>This equipment is suitable for use in Class 1, Division 2, Groups A, B, C and D or non-hazardous locations only. |

***Meets EMC and Safety requirements. See the Declaration of Conformity for details.**

***WARNING:*** *EXPLOSION HAZARD – SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2.*

## P3-FILL $33.50

***Filler Module***
The P3-FILL filler module protects unused I/O module slots in the base.

# I/O Modules

A variety of discrete, analog and specialty I/O modules are available for use in local, expansion, and remote I/O bases. Specifications for each module are on the following pages.

A filler module is available for unused I/O module slots (part number P3-FILL).

## Discrete Input Modules

| Productivity3000 Discrete Input Modules | | | |
|---|---|---|---|
| **Part Number** | **Number of Inputs** | **Description** | **Price** |
| P3-16SIM | 16 | Input Simulator Module | $214.00 |
| P3-08ND3S | 8 | Isolated Sinking/Sourcing DC Input | $109.00 |
| P3-16ND3 | 16 | Sinking/Sourcing DC Input | $162.00 |
| P3-32ND3 | 32 | Sinking/Sourcing DC Input | $218.00 |
| P3-64ND3 | 64 | Sinking/Sourcing DC Input | $284.00 |
| P3-08NAS | 8 | Isolated AC Input | $136.00 |
| P3-16NA | 16 | AC Input | $167.00 |

*ZIPLink required.

## Analog I/O Modules

| Productivity3000 Analog Input Modules | | | |
|---|---|---|---|
| **Part Number** | **Number of Channels** | **Description** | **Price** |
| P3-04ADS | 4 | Isolated Analog Input | $796.00 |
| P3-08AD | 8 | Analog Input | $432.00 |
| P3-16AD-1 | 16 | Analog Input (Current) | $589.00 |
| P3-16AD-2 | 16 | Analog Input (Voltage) | $576.00 |
| P3-08RTD | 8 | Analog RTD Input | $639.00 |
| P3-08THM | 8 | Analog Thermocouple Input | $810.00 |

| Productivity3000 Analog Output Modules | | | |
|---|---|---|---|
| **Part Number** | **Number of Channels** | **Description** | **Price** |
| P3-04DA | 4 | Analog Output | $494.00 |
| P3-08DA-1 | 8 | Analog Output (Current) | $857.00 |
| P3-08DA-2 | 8 | Analog Output (Voltage) | $798.00 |
| P3-16DA-1 | 16 | Analog Output (Current) | $1,022.00 |
| P3-16DA-2 | 16 | Analog Output (Voltage) | $1,002.00 |

| Productivity3000 Analog Input/Output Modules | | | |
|---|---|---|---|
| **Part Number** | **Number of Channels** | **Description** | **Price** |
| P3-8AD4DA-1 | 8/4 | Analog Input/Output (Current) | $658.00 |
| P3-8AD4DA-2 | 8/4 | Analog Input/Output (Voltage) | $679.00 |

## Specialty Modules

| Productivity3000 Specialty Modules | | | |
|---|---|---|---|
| **Part Number** | **Number of Channels** | **Description** | **Price** |
| P3-HSI | 2 | High-Speed Pulse Input | $619.00 |
| P3-HSO* | 2 | High-Speed Output | $646.00 |
| P3-SCM | 4 ports | Serial Communications Module | $523.00 |

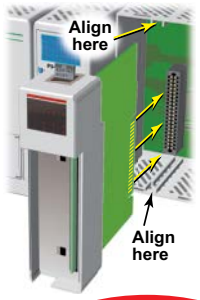
*ZIPLink required.

## Discrete Output Modules

| Productivity3000 Discrete Output Modules | | | |
|---|---|---|---|
| **Part Number** | **Number of Outputs** | **Description** | **Price** |
| P3-08TD1S | 8 | Isolated Sinking Output | $164.00 |
| P3-08TD2S | 8 | Isolated Sourcing Output | $169.00 |
| P3-16TD1 | 16 | Sinking Output | $175.00 |
| P3-16TD2 | 16 | Sourcing Output | $180.00 |
| P3-32TD1* | 32 | Sinking Output | $228.00 |
| P3-32TD2* | 32 | Sourcing Output | $218.00 |
| P3-64TD1* | *64 | Sinking Output | $319.00 |
| P3-64TD2* | *64 | Sourcing Output | $289.00 |
| P3-08TAS | 8 | Isolated AC Output | $212.00 |
| P3-16TA | 16 | AC Output | $225.00 |
| P3-08TRS | 8 | Isolated Relay Output | $187.00 |
| P3-08TRS-1 | 8 | Isolated Relay Output | $213.00 |
| P3-16TR | 16 | Relay Output | $190.00 |

*ZIPLink required.

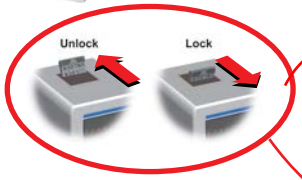
## Module Installation Procedure




***WARNING:*** *DO NOT APPLY FIELD POWER UNTIL THE FOLLOWING STEPS ARE COMPLETED. SEE HOT-SWAPPING PROCEDURE FOR EXCEPTIONS.*

**Step One:** Align circuit card with slot and press firmly to seat module into connector.

**Step Two:** Pull top and bottom locking tabs toward module face. Click indicates lock is engaged.




**Step Three:** Attach field wiring using optional terminal block or ***ZIP***Link wiring system and install cover.

To install or remove terminal block cover, press middle to flex cover.

***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.*