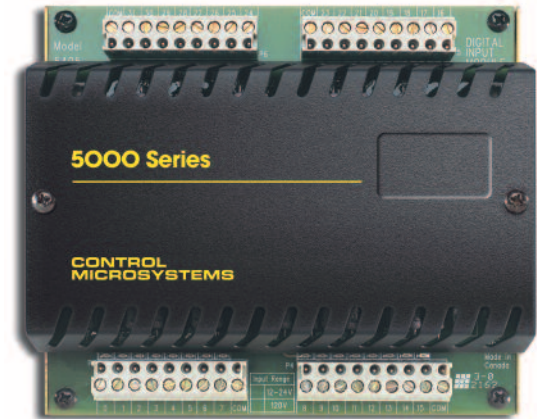


# 5405

## Digital Input Module

### Features:

- High density, 32 digital inputs
- Sinking input design
- Low power
- cCSAus and cULus Class I, Division 2 Hazardous Area Rating
- UL508 listed
- ATEX II 3G and IECEx: Ex nA IIC T4 per EN 60079-15, protection type n (Zone 2)
- 3 year warranty on parts and labor



### Specifications

<b>Input Points</b>	32	
<b>Ranges</b>	12-24VDC, 16-24VAC, 120VAC/DC	
<b>Over-Voltage Tolerance</b>	150% sustained over-voltage without damage	
<b>Input Current</b>	6.0mA typical @ 24VDC on the 24V range 3.5mA typical @ 24VAC on the 24V range 2.5mA typical @ 120VDC on the 120V range 1.5mA typical @ 120VAC on the 120V range	
<b>DC Input Logic Levels</b>	OFF to ON transition threshold is typically 7.5VDC on the 24VDC range OFF to ON transition threshold is typically 55VDC on the 120VDC range	
<b>AC Input Levels</b>	OFF to ON transition threshold is typically 6VAC on the 24VAC range OFF to ON transition threshold is typically 45VAC on the 120VAC range	
<b>Transient Protection</b>	2.5kV surge withstand capability as per ANSI/IEEE C37.90.1-1989	
<b>Isolation</b>	Isolated in four groups of 8. Inputs 0-15 are on the bottom edge. Inputs 16-31 are on the top edge. Isolation 500VAC/DC from chassis and logic ground	
<b>Power Requirements</b>	5V @ 10mA with all inputs ON	
<b>Terminations</b>	Four 9 pole, removable terminal blocks, 12 to 22 AWG, 15A contacts	
<b>Dimensions</b>	5.65 inch [144mm] wide, 5.00 inch [127mm] high, 1.80 inch [45mm] deep	
<b>Packaging</b>	Corrosion resistant zinc plated steel with black enamel paint	
<b>Environment</b>	5% RH to 95% RH, non-condensing, -40°C/F to 70°C/158°F	
<b>Addressing</b>	Configurable with 4 DIP switches	
<b>AC/DC Operation</b>	2 DIP switches determine AC/DC and 50/60Hz operation	
<b>Visual Indicators</b>	32 Red LED's, field powered. Cannot be disabled to conserve power	
<b>Safety</b>	cCSAus and cULus Class I, Division 2 Hazardous Area Rating, UL508 listed	
<b>Model</b>	<b>Part Number</b>	<b>Description</b>
5405-120	297249	32 point, 120V discrete input module
5405-24	297247	32 point, 12-24V discrete input module