

## 3 Specifications



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### 3.1 General Specifications

Table 3-1: I/O Expansion Module General Specifications

SPECIFICATION		DESCRIPTION
<b>SYSTEM COMPATIBILITY</b>		In-Sight 1000 series/1700 series/3400/4000 series/5000 series.
<b>I/O</b>	<b>TRIGGER</b>	1 opto-isolated, acquisition trigger input.
	<b>INPUTS</b>	8 discrete inputs (general-purpose).
	<b>OUTPUTS</b>	10 discrete outputs (2 high-speed, 8 general-purpose) 1000 series/3400/4000series/5000 series. 8 discrete outputs (general-purpose) 1700 Series Wafer Reader.
<b>COMMUNICATIONS</b>	<b>SERIAL</b>	1 RS-232C port (1200 to 115,200 baud rates). RxD, TxD, and Flow control (RTS/CTS).
<b>STATUS LEDS</b>		1 each for power, acquisition trigger, inputs, and outputs. 2 each for Camera and Remote RS-232.
<b>MECHANICAL</b>	<b>HOUSING</b>	Black plastic.
	<b>MOUNTING</b>	#3 DIN-rail (35 mm).
	<b>DIMENSIONS</b>	150 mm (5.89 in) x 83.1 mm (3.27 in) x 47.0 mm (1.85 in).
	<b>TERMINAL BLOCK</b>	26 to 16 AWG. Maximum torque 0.3 N-m (2.7 in-lb).
	<b>WEIGHT</b>	164.4 g (5.8 oz).
<b>POWER</b>		24VDC $\pm$ 10%, 1.25 Amps, 30W supply*.
<b>ENVIRONMENTAL</b>	<b>TEMPERATURE</b>	0 to 50°C (operating), -10 to 65°C (storage).
	<b>HUMIDITY</b>	10 to 90%, non-condensing (Operating and Storage).
<b>CERTIFICATIONS</b>		CE.

\* Maximum draw when I/O Expansion Module supplies power to an In-Sight 4100 sensor, and when all inputs, outputs, and LED indicators are in use. Draw will be less than 30W under typical usage.

### 3.5 Dimensions

ALL DIMENSIONS IN MM (INCHES)

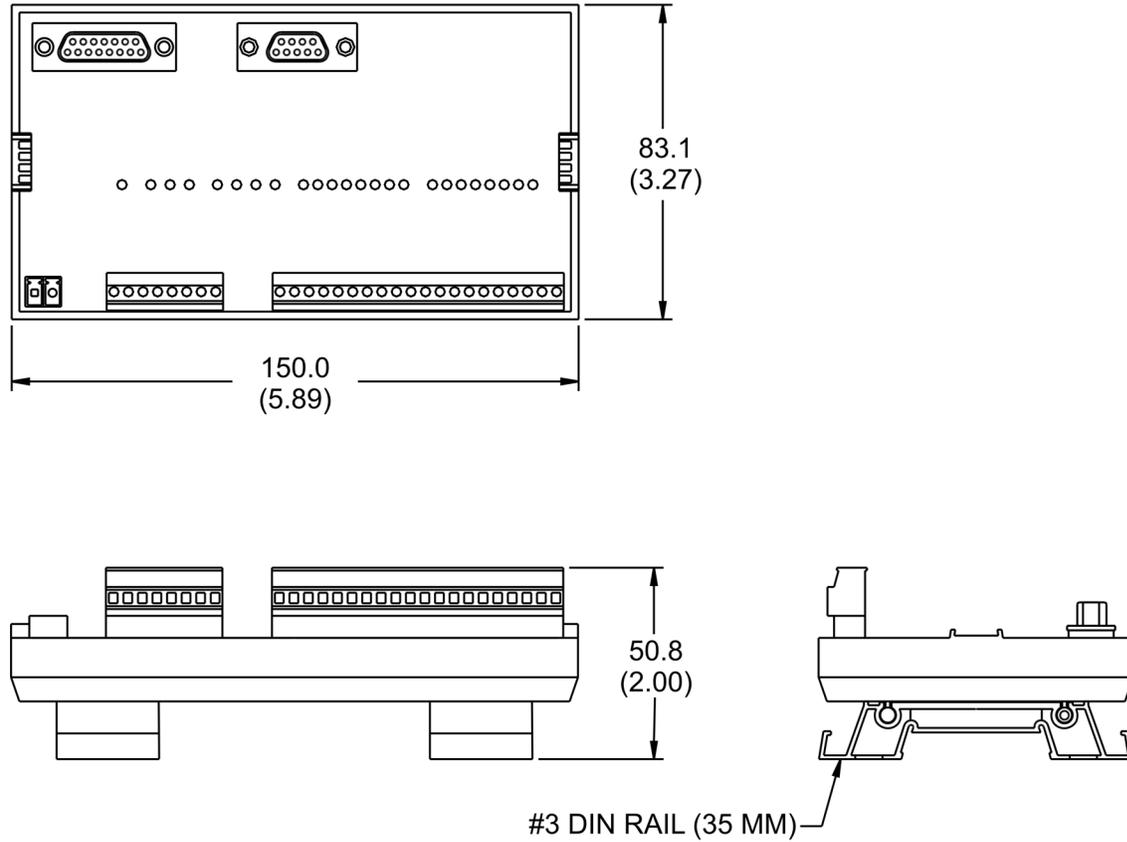


Figure 3-5: I/O Expansion Module Dimensions