



### Main

Range of product	Modicon Quantum automation platform
Product or component type	Analogue safety input module
Type of filter	Single pole low pass - 3 dB at 15 Hz

### Complementary

Analogue input number	8
Addressing requirement	13 input words
Analogue input resolution	16 bits
Linear measuring range	0...25 mA
Absolute maximum input	35 mA
Input impedance	287 Ohm
Absolute accuracy error	+/- 0.3 % +/- 0.35 % of full scale maximum
Linearity error	+/- 2 µA max at 0...60 °C
Common mode rejection	-65 dB 60 Hz -70 dB 50 Hz
Isolation between channels and bus	1500 V AC for 60 s
Isolation between channels	500 V AC for 60 s
Update time	15 ms
Fault type	Overtacking scale
Marking	CE
Local signalling	1 LED green bus communication is present (Active) 1 LED red external fault detected (F) 8 LEDs green input status 8 LEDs red system failure, diagnostic of internal channel fault
Bus current requirement	400 mA
Power dissipation in W	3.5 W

140SAI94000S

## Environment

Product certifications	CSA HazLoc UL TÜV Rheinland (SIL2) CSA C-Tick
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## Offer Sustainability

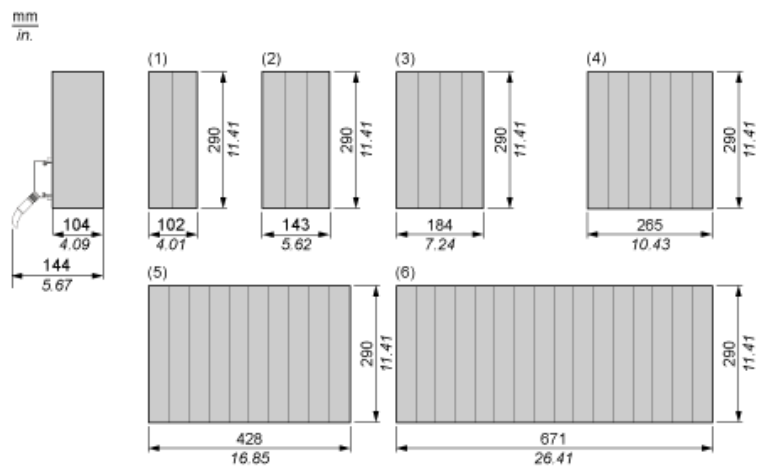
Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0749 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">End of life manual</a>
Product end of life instructions	Available

## Contractual warranty

Warranty period	18 months
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Racks for Modules Mounting

Dimensions of Modules and Racks

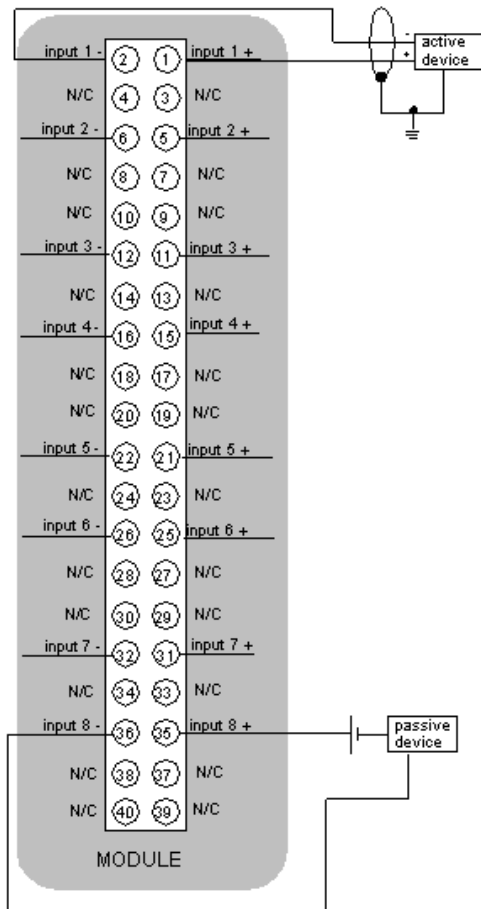


- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

140SAI94000S

16 Bits 4-20 mA, 8-Channel Current Analog Input Module

Wiring Diagram



N/C: No Connected

- internal input impedance: 287 Ohm
- $R_{min}$  of the passive device: 913 Ohm
- $R_{max}$  of the passive device: 7713 Ohm