

Product Data Sheet Accutech 4AO, 8SW, 4AO-8SW Specifications



> Accutech 4AO, 8SW, 4AO-8SW

Functional

4AO	4-Channel Analog Output
8SW	8-Point Switch Closure Output
4AO-8SW	Combination 4-Channel Analog Output & 8-Point Switch Closure Output Module
Input Power	<ul style="list-style-type: none"> • 10-30VDC • 24VDC @ 13.2mA typical

Features

Remote Configuration Interface	Accutech Manager, Windows™-based GUI software, providing network-wide monitoring and performance-management features and field unit configuration capabilities.
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Analog Outputs

Number of Channels	4			
Type	Isolated Current Sink Outputs			
	Min.	Typ.	Max.	Units
Current Range	3.1		23.5	mA
Field Voltage	12	24	30	VDC
Isolation	<ul style="list-style-type: none"> • 2,200 Vrms between Field and Logic • 1000Ω maximum @ 24VDC • 500Ω maximum @ 12VDC 			
Connector	14AWG max.			

Switch Outputs

Number of Channels	8			
Type	Isolated Avalanche MOSFET Outputs			
	Min.	Typ.	Max.	Units
Current	0	NA	1	ADC
Voltage	6	24	30	VDC
AC Frequency	NA	NA	NA	
Resistance		9	15	mΩ
Connector	14AWG max.			

General

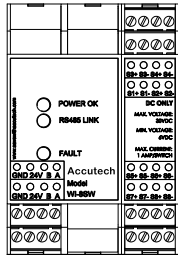
Operating Ambient Environment	<ul style="list-style-type: none"> • -40° to 85°C (-40° to 185°F) operating • -40° to 140°C (-40° to 284°F) storage • Ordinary locations only
Physical Characteristics	<ul style="list-style-type: none"> • DIN rail-mounted • Dimensions: See drawing below
Accuracy	<ul style="list-style-type: none"> • ± 0.1 % at reference conditions • Additional ± 0.1% per 10°C (18°F) deviation from reference conditions
Fault (Fail-Safe) Condition	<ul style="list-style-type: none"> • Each output goes into fail-safe in the event of a sensor failure, missing sensor, no RF condition, RS-485 link down or field unit powered down condition. • The output module displays a fault indication if any enabled output goes into a fail-safe condition.
User-Programmable Options	<ul style="list-style-type: none"> • Range (lower value range and upper value range) for each analog output • Trim each analog output • Enable or disable failsafe for each output • Failsafe output user selectable to 3.6mA, 23mA, or user-specified value (analog); failsafe switch closure output is open condition only • Select RS-485 address with Accutech Manager

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Product Data Sheet Accutech 4AO, 8SW, 4AO-8SW Model Code and Dimensions

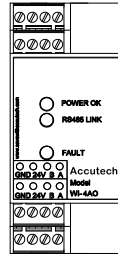
Model	Description	Part Number
4AO	4-Channel Analog Output Module	TBUM297526
8SW	8-Point Switch Closure Output Module	TBUM297527
4AO-8SW	Combination 4-Channel Analog & 8-Point Switch Closure Output Module	TBUM297528

Module 8SW

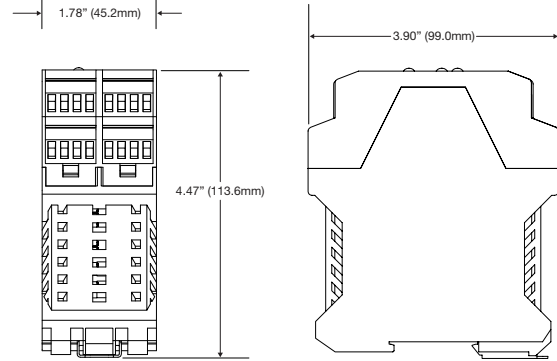
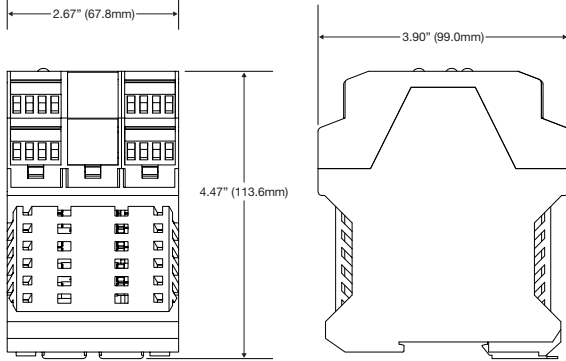


2.67" (67.8mm)

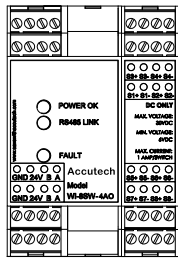
Module 4AO



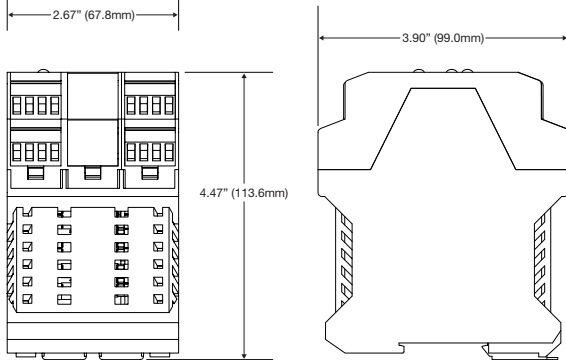
1.78" (45.2mm)



Module 4AO-8SW



2.67" (67.8mm)



Product Data Sheet Accutech 4AO, 8SW, 4AO-8SW Typical Installation

