Analog I/O modules

Type of module		Analog inputs					
Number of channels (1)		4 two-pole inputs		2 two-pole inputs	4 four-pole RTDs or 8 two-pole voltage sensors		
Input signal		±10 Vdc ±20 mA	±1 Vdc, ±10 Vdc 0–1 Vdc, 0–10 Vdc ±20 mA, 0–20 mA	±5 Vdc, ±10 Vdc 0–5 Vdc, 0–10 Vdc ±20 mA	±0.5 Vdc linear ±0.99 Vdc nonlinear	±0.5,±1,±5,±10 Vdc 0–0.5, 0–1, 0–5, 0–10 Vdc	±0.5 Vdc linear ±0.99 Vdc nonlinear
Resolution		12 bits + sign	11 bits + sign	15 bits + sign	12 bits + sign	15 bits + sign	–
Catalog number	Standard	ASBADU205	ASBADU206	ASBADU210	ASBADU204	ASBADU214	–
	Standard	–	ASBADU256	–	–	–	ASBADU254
	With conformal coating	–	ASBADU256C	–	–	–	ASBDAP254C

For 4 four-pole RTDs or 8 thermocouples, reference Catalog #**ASBADU257/257C**.

Type of module		Analog output			
Number of channels		2	2 x 2	8	2
Output voltage		+10 Vdc	+1, +5, +10 Vdc	±10 Vdc	+10 Vdc
Resolution		11 bits + sign	12 bits + sign	11 bits + sign	11 bits + sign
Catalog number	Standard	ASBDAU202	ASBDAU204	ASBDAU208	ASBDAU252
	With conformal coating	–	–	–	ASBDAU252C

Type of module		Intelligent and specialty					
Number of channels		4	5 discrete in 1 discrete out 1 analog out		4 frequency in 4 process in 4 semiconductor in	- counter input - enable inputs 2 relay outputs	4 4 4
Frequency/counter		0–10 kHz	–	–	5–50kHz	500 kHz	10 kHz
Motion control		–	Encoder	Resolver	–	–	–
Counter/positioner		–					
Catalog number	Standard	ASBVRC200	ASBMOT201	ASBMOT202	ASBFRQ204	ASBZAE201	ASBZAE204
	Standard	ASBCTR224	–	–	–	–	–

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