


Modicon Momentum automation platform

Specialty module I/O bases

Product type		High-speed counter
		
Operating voltage		24 VDC
Unique features		2 independent, high-speed (10 kHz-200 kHz) counters
Modularity	Input channels	6 (3 per counter) True High Inputs
	Output channels	4 (2 per counter) True High Outputs
Input characteristics	Counter inputs	5 VDC differential input, 200 kHz counter; 24 VDC single-end input, 10 kHz counter
	Discrete inputs	6 (2 x 3) 24 VDC inputs: - voltage range, - 3 to + 30 VDC - response time, 3 ms Off to On or On to Off
Output characteristics	Counter outputs	Two 5 VDC differential outputs min 20 mA @ 24 VDC
	Discrete outputs	4 (2 per counter) 24 VDC outputs: - on current, 0.5 A per point, 1 A per counter - response time: < 0.1 ms Off to On, < 0.1 ms On to Off
Protection		
Surge	Input voltage	45 V peak for 10 ms
	Output current	5 A for 1 ms
Type of module		170 AEC 920 00
Pages		48248/4

I/O with Modbus Master Base



120 VAC

RS 485 2- or 4-wire Modbus port

6 True High Inputs

3 True High Outputs

–

1 group of 6 inputs (120 VAC @47 to 63 Hz):
- voltage range, 0 to 132 VAC
- response time, < 12.3 ms @ 60 Hz On to Off,
< 12.5 ms @ 60 Hz Off to On

–

3 solid state switching outputs (120 VAC @47 to 63 Hz):
- on current, 0.5 A continuous per point, 1.5 A continuous per module
- response time: < 12.3 ms @ 60 Hz On to Off, < 12.5 ms @ 60 Hz Off to On

170 ADM 540 80

48248/4