
Autotech Controls
M8250 Sinking Output Module
Instruction & Operation Manual

ac **AUTOTECH**
CONTROLS

AVG
Automation

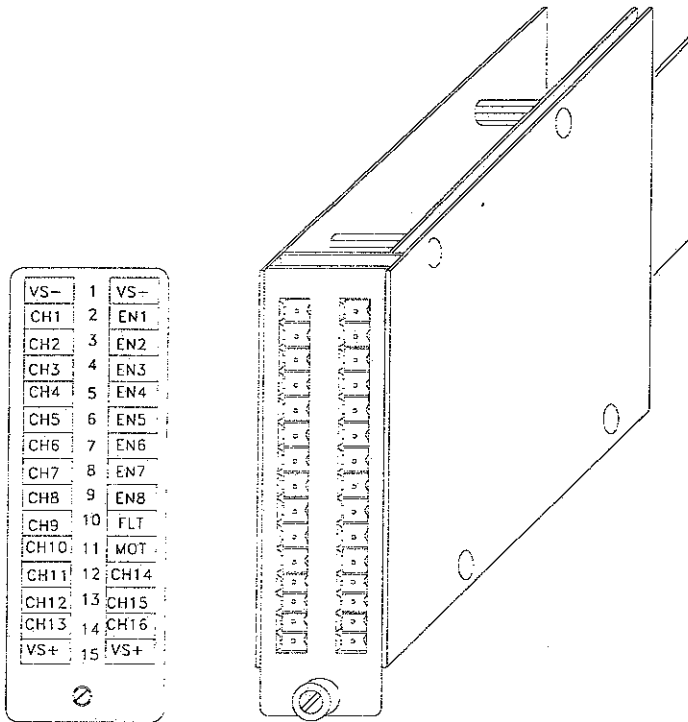
UTICOR

AVG Automation
Autotech Controls
343 St. Paul Boulevard
Carol Stream, IL 60188

Telephone: 630-668-3900
800-TEC-ENGR

Fax: 630-668-4676

M8250 DC Current Sinking Output Module



The M8250 VDC Output Module provides power output for PLS and other Autotech Bus Module products.

Eighteen output terminals include: one fault, one motion and sixteen power channels (eight of which are individually enabled).

The module has N-Type (sinking) inputs and outputs.

Electrical Specifications

Power Requirements:

24 VDC Nominal, 30 VDC Max, 20 VDC Min

Operating Temperature:

10 to 140° F (12 to 60° C)

INPUTS

Electrical Specification

Input impedance: 10 K Ω Referenced to VS+

LOGIC LEVELS

True: 0-1V

False: Open circuit or input 2VDC to VS+ value

ALL OUTPUTS

Fault, Motion, Channels 1-16

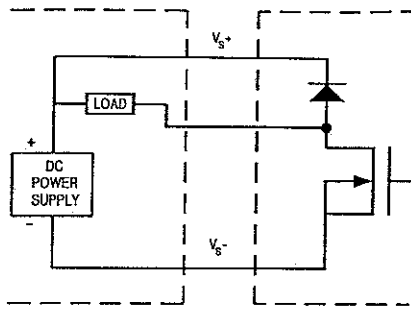
Up to 2A per output, 10A total per module

Optical isolation: 5,000 Vrms

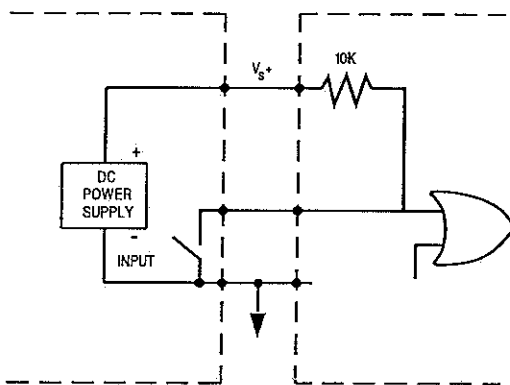
How to Order

ASY-M8250-NOUT

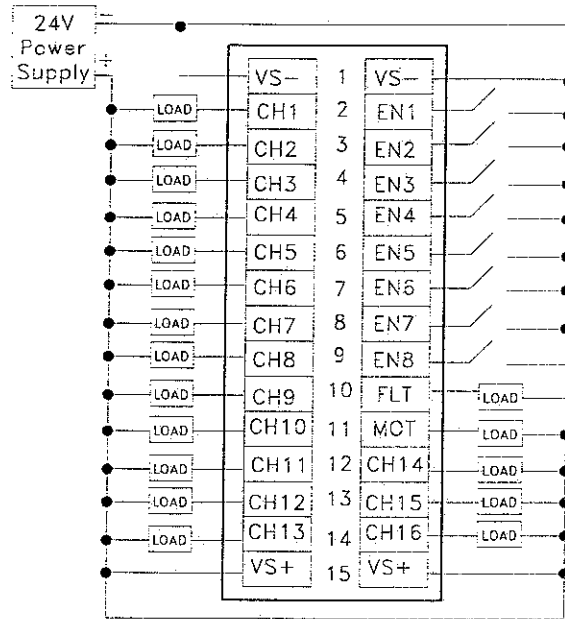
M8250 DC Current Sinking Output Module



N-Type Output Wiring



N-Type Input Wiring



M8250 N-Type (Sinking) Output Module Wiring

M8250 DC Current Sinking Output Module Wiring					
Terminal Block P1			Terminal Block P2		
Pin #	Desig.	Function/Description	Pin #	Desig.	Function/Description
1	VS-	Negative reference for external Power Supply (Note: Both VS terminals should be connected)	1	VS-	Negative reference for external Power Supply (Note: Both VS terminals should be connected)
2	CH1	Output Channels 1 through 8 Outputs are individually enabled by EN1 through EN8	2	EN1	Enable Inputs 1 through 8 (Each Enable Input must be "low" to enable associated output)
3	CH2		3	EN2	
4	CH3		4	EN3	
5	CH4		5	EN4	
6	CH5		6	EN5	
7	CH6		7	EN6	
8	CH7		8	EN7	
9	CH8		9	EN8	
10	CH9	Output Channels 9 through 13	10	FLT	Fault Output
11	CH10		11	MOT	Motion Output
12	CH11		12	CH14	Output Channels 14 through 16
13	CH12		13	CH15	
14	CH13	14	CH16		
15	VS+	+ 24 VDC from external Power Supply	15	VS+	+ 24 VDC from external Power Supply

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