



MAS-DX-08-D 8-Channel AC Input Boards



Masibus 8-Channel AC Input Board is designed to interface variety of Analog signals from Field Power terminals to automation units like PLC/DCS/SCADA. It is useful for detecting ground fault & line current-voltage sensing. The Board has wide AC input and DC output ranges, to match various customer requirements.

It is available in compact footprints in 35mm DIN rail mounting. Its input and output connections are labeled for easy installation, operation and maintenance.

This module provides up to 1.5KVAC galvanic isolation between input, output and supply for rugged, stable and reliable operations. It has 24VDC auxiliary power supply.

Features

- Multi-channel configurations
- Wide range of AC inputs and DC outputs
- Isolates field signal from DCS/PLC
- DIN rail mounted
- User friendly labelling
- Independent zero & span for each channel
- Re-Transmission to Interface with DAS/SCADA/PLC

Applications

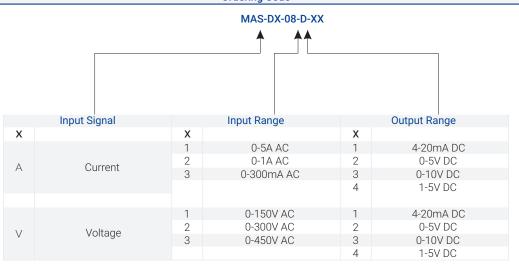
- Industrial process control
- Factory automation
- SCADA
- DAS

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TECHNICAL SPECIFICATIONS

Input		Power Supply		
No. of Channels	8	Power Supply	18-36VDC	
Input Range (Nominal)		Power Consumption	6 Watt	
Current	0-5A AC, 0-1A AC,0-300mA AC	Fuse Rating	2 Amp (Fast Blown)	
Voltage	0-150V AC, 0-300V AC, 0-450V AC	Healthy Status	Green LED	
Burden		Fault Status	Red LED	
Current	< 0.1VA	Isolation (Withstanding voltage)		
Voltage	< 0.5 VA for 450VAC I/P	Input to Output - 1.5KV RMS for one minute		
Overload Current	20A max.	Input to Supply - 1.5KV RMS for one minute		
I/P Connection	Barrier terminal 3 mm ²	Output to Supply- 1.5KV RMS for one minute		
	Output	,		
Output Range			Environmental	
Current	4-20mA DC	Operating Temperature	0 to 50 °C	
Voltage	0-5V DC, 0-10V DC, 1-5V DC	Temp. Co-efficient	≤150 PPM	
	Up to 90%: ≤ 200ms max.	Humidity	30-95% non-condensing	
Response Time	Up to 99%: ≤ 400ms max.	Environmental Protection	Conformal coating on PCB	
Accuracy			Physical	
Current	0.25% of FS (For 5-110% of nominal input)	Dimension (in mm)	300(L) x 126(W) x 92(D)	
Voltage	0.25% of FS (For 10-110% of nominal input)	Mounting	DIN Rail (35 mm width)	
Stability	0.1% per Year	Profile Material	PVC	
Output Terminals	25 pin D-Type male connector	Terminal Block	UL, CSA standard	
Load Impedance	20 pm 2 Type 25	Terminal Cable Size	Upto 2.5mm ² conductor	
Current	≤ 650 Ohms	Weight	Approximately 580gms.	
Voltage	≥ 3.9K			
Ordering Code				

Ordering Code



Cable Ordering Code

Model	Cable Length		
m-PC-D25F-LG	XX		
	С	2.5 Meter	
	D	3.0 Meter	
	Ε	3.5 Meter	
	F	5.0 Meter	
	G	7.0 Meter	
	S	Special	

Note: 20 Core 0.14mm² with DB 25 Female connector at one end and lug at another end.

* For Special Requirement Consult Factory

