

## Field Interface Board

# MAS-DO-RL-08-D

## 8 Relay Output

Masibus Relay Output Field Interface Board has 08 channels Relay output with contact rating of 10A @ 250V AC/30V DC. The Relay Board has unique features like Source/Sink coil signal, C shorting of all Relays by jumper, NO/NC selection for snubber by jumper. It is compact, universal DIN rail mounted with labeled input and output connections

### Applications

- Convert Open Collector to Relay Output
- Protect Expensive control systems against Field Faults
- MCC Interface
- SCADA/DAS/PLC

### Technical Specifications

#### 8-Channel Digital Output Field Interface Board

##### Output

Relay Type	SPDT, Plug-in type
Contact rating Resistive	10A at 250VAC (Max. power 2500VA) 10A at 30VDC (Max. power 300W)
Inductive Load	7.5A at 250VAC (Max. power 1875VA) 5A at 30VDC (Max. power 150W)
Max. Switching Voltage	380VAC/125VDC
Relay On Time	15m Sec.
Relay Off Time	20m Sec.
Life Expectancy	1,00,000 Operations Min
Fuse	5A Fast Blow 250VAC Individual contact

##### Coil Input

Nominal	24VDC
Min	17VDC
Release	4VDC
Max	30VDC
Resistance	1.1 K $\Omega$
Indication	Coil ON
Burden	0.53W / Relay

# Technical Specifications

## 8-Channel Digital Output Field Interface Board

### Isolation

Isolation	1.5 KVAC, 50/60 Hz, 1 min between coil and contact
Insulation Resistance	1000MΩ (At 500 VDC) between coil and contact

### Environmental

Operating temperature	0 to 50 °C
Humidity	30 to 95% RH non-condensing
Environmental Protection	Conformal Coating on PCB

### Physical

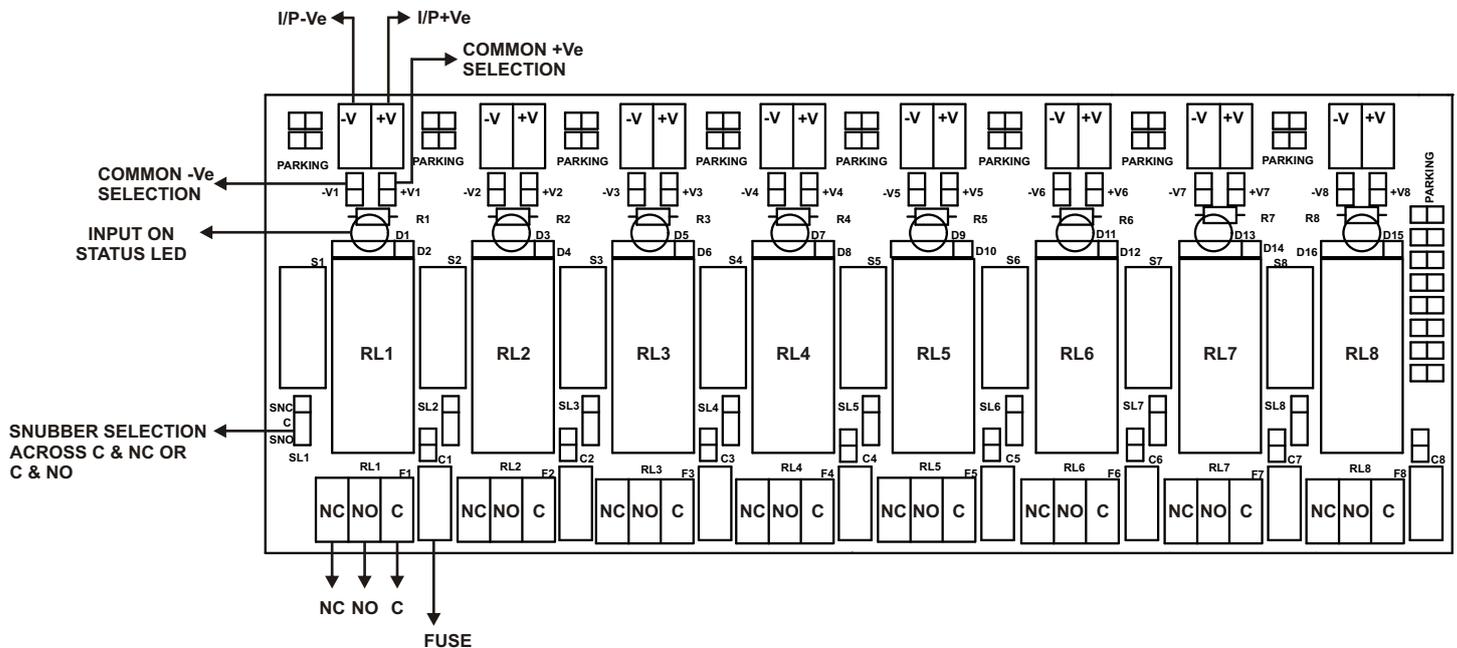
Dimension (mm)	185(L) x 90(W) x 70(D)
Mounting	DIN Rail
Profile Material	PVC
Terminal Block	UL, CSA standard
Terminal Cable Size	2.5mm <sup>2</sup>
Weight	Approx. 425 gm

## ORDERING CODE

Model: MAS-DO-RL-08-D

Model No	Model Name
MAS-DO-RL-08-D	8 Channel Relay Output Field Interface Board

## Connection Details



### Head Office:

Masibus Automation And Instrumentation Pvt. Ltd.  
 B-30, GIDC Electronics Estate, Sector-25, Gandhinagar-382044, Gujarat, India.  
 Tel: +91 79 23287275-79, Fax: +91 79 23287281-82.  
 E-mail: sales@masibus.com, Web: www.masibus.com

All specifications are subject to change without notice due to continuous improvements.  
 Doc. Ref. FIB MAS-DO-08-D/R0F/0214

### Masibus Representative:

Blank space for Masibus Representative information.