Field Interface Module (FIM’s)
Field Interface Module (FIM) is a family of versatile, truly modular I/O products suitable to use in a wide range of control system architecture which provide easily configurable discrete and analog I/O interface. These modules simplify interconnections between system I/O cards and field equipment.

FIMs can manage signal transmission and distribution from the control system to the field (system, machine, process) and vice versa. It also provides signal isolation between I/O cards and field instruments. They are available in standard configurations, and can also be customized quickly for various requirements.

Masibus offers broad spectrum of compact and cost effective FIMs that allows I/O signals from automation devices to be customized to interface input/ output modules of the control system.

Masibus FIM consists of multiple channels (4, 8, 12, 16 etc.) and perform the function of signal conditioning and channel to channel isolation at the input/ output side to generate calibrated and linearly proportional 0 - ±5V, 0 - ±10V, 2 - ±10V 0-20mA, 4-20mA, RTD, Thermocouple, etc. of 2 wire or 4 wire output signal which is connected to input/ output of discrete system.

Our strong research and development team can design any specific requirement from customers to fulfill the application needs. We have developed various customized field interface module as per the specific requirement of global OEMs.

From Masibus we have a wide range of offering of FIMs product categorized into PASSIVE & ACTIVE FIMs.

**Passive FIMs** provides simplified cabling between field interface and I/O modules, it also provides protection of the I/O cards against any abnormality in the field.

**Active FIMs** provides signal conversion as well as isolation between field interface and I/O module.
## Passive FIMs

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<td>Where XX is - 15/25/37/50</td>
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<td>MAS-P-FXX-M / MAS-P-FXX-F</td>
<td>FRC (PLC/DCS) to Screw Terminals (Field)</td>
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<td>Sub-Category</td>
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Passive FIM
D Sub (PLC/DCS) to Screw Terminals (Field)
MAS-P-DXX-M / MAS-P-DXX-F
Where XX is - 15/25/37/50

Features
- No. of pins: 15/25/37/50
- Cost reduction- In terms of TB's, space, wiring manpower
- Reduces cable costing - 20 core/40 core prefab cable in place of conventional wiring
- Simplicity of wiring by prefab cable
- Reduce installation and assembly time (Just install the FIM on DIN-Rail and connect prefab cable within a minute)

**Effective Alternative to End to End Cabling**

Conventional Wiring using Field TBs

Module Wiring using Masibus Passive FIMs

Dimensions in mm:
- For MAS-P-D15-M-S / MAS-P-D15-F-S: 90(L) x 90(W) x 70(D)
- For MAS-P-D25-M-S / MAS-P-D25-F-S: 150(L) x 90(W) x 70(D)
- For MAS-P-D37-M-S / MAS-P-D37-F-S: 200(L) x 90(W) x 70(D)
- For MAS-P-D50-M-S / MAS-P-D50-F-S: 275(L) x 90(W) x 70(D)

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### Passive FIM
D Sub (PLC/DCS) to Screw Terminals (Field) with Resettable Electronic Fuse / Surge Protection

MAS-P-DXX-M-P / MAS-P-DXX-F-P
Where XX is - 15/25/37/50

Features
- No. of pins: 15/25/37/50
- Protection: Fuse, MOV (Surge), (Resettable fuse)
- Cost reduction- In terms of TB’s, space, wiring manpower
- Reduces cable costing - 20 core/40 core prefab cable instead of conventional wiring
- Simplicity of wiring by prefab cable
- Reduce installation and assembly time (Just install the FIM on DIN-Rail and connect prefab cable within a minute)
- Available for DC Voltage & AC voltage separately

**Effective Alternative to End to End Cabling**

Conventional Wiring using Field TBs

Module Wiring using Masibus Passive FIMs

Dimensions in mm:
- For MAS-P-D15-M-P-S / MAS-P-D15-F-P-S: 90(L) x 90(W) x 70(D)
- For MAS-P-D25-M-P-S / MAS-P-D25-F-P-S: 150(L) x 90(W) x 70(D)
- For MAS-P-D37-M-P-S / MAS-P-D37-F-P-S: 200(L) x 90(W) x 70(D)
- For MAS-P-D50-M-P-S / MAS-P-D50-F-P-S: 275(L) x 90(W) x 70(D)

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Accessibility Features

- **Features**
- **Dimensions in mm:**
- **Effective Alternative to End to End Cabling**
- **Conventional Wiring using Field TBs**
- **Module Wiring using Masibus Passive FIMs**
- **Accessories-Prefab Cables**

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**FIMs available with male/female connector with separate order code**

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**RoHS**

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**Time Saving**

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**Cost Saving**

---

**PLC/DCS**

---

**Field Signal**

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**PLC Connector**

---

**FIM Connection**

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**Accessories-Prefab Cables**

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**Effective Alternative to End to End Cabling**

---

**Conventional Wiring using Field TBs**

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**Module Wiring using Masibus Passive FIMs**

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**Accessories-Prefab Cables**

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**PLC/DCS**

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**Field Signal**

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**PLC Connector**

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**FIM Connection**

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**Accessories-Prefab Cables**

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**Effective Alternative to End to End Cabling**

---

**Conventional Wiring using Field TBs**

---

**Module Wiring using Masibus Passive FIMs**

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**Accessories-Prefab Cables**

---

**PLC/DCS**

---

**Field Signal**

---

**PLC Connector**

---

**FIM Connection**

---

**Accessories-Prefab Cables**
Passive FIM
FRC (PLC/DCS) to Screw Terminals (Field)
MAS-P-FXX-M / MAS-P-FXX-F
Where XX is - 16/20/40/50

Features
• No. of pins: 16/20/40/50
• Cost reduction- in terms of TB's, space, wiring manpower
• Reduces cable costing 20 core/40 core prefab cable instead of conventional wiring
• Simplicity of wiring by prefab cable
• Reduce installation and assembly time (Just install the FIM on DIN-Rail and connect prefab cable within a minute)

Effective Alternative to End to End Cabling

Conventional Wiring using Field TBs
Module Wiring using Masibus Passive FIMs

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Passive FIM
FRC (PLC/DCS) to Screw Terminals (Field) with Resettable Electronic Fuse / Surge Protection
MAS-P-FXX-M-P / MAS-P-FXX-F-P
Where XX is - 16/20/40/50

Features
• No. of pins: 16/20/40/50
• Protection: Fuse, MOV (Surge), (Resettable fuse)
• Cost reduction- In terms of TB’s, space, wiring manpower
• Reduces cable costing 20 core/40 core prefab cable instead of conventional wiring
• Simplicity of wiring by prefab cable

Reduce installation and assembly time (Just install the FIM on DIN-Rail and connect prefab cable within a minute)
• These FIMs are available with electronic resettable fuse for input/output protection

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Dimensions in mm:
For MAS-P-F16-M / MAS-P-F16-F 90(L) x 90(W) x 70(D)
For MAS-P-F20-M / MAS-P-F20-F 150(L) x 90(W) x 70(D)
For MAS-P-F40-M / MAS-P-F40-F 200(L) x 90(W) x 70(D)
For MAS-P-F50-M / MAS-P-F50-F 275(L) x 90(W) x 70(D)
Passive FIM
16 Channel Analog Input FIM
Track FIM with Three Tier termination at Field Side
MAS-AI-W-16-3L-D

Features
- No. of channels: 16
- Input: (Field side) - 4-20mA (2/4 Wire)/2-10 VDC
- Output: (PLC/DCS side) - 4-20mA (2 Wire)/2-10 VDC
- Current per channel 0.5A max.
- Surge protection: upto2KV
- Termination at field side: Screw type, max. 2.5 mm² conductor
- Dimensions in mm: 110 x 90 x 70 mm (H x W x D)

Passive FIM
16 Channel Analog Input FIM
Track with (Resettable Electronic Fuse) with Single Tier Termination at Field Side
MAS-AI-P-16-1L-D

Features
- No. of channels: 16
- Input: (Field side) - 4-20mA (2/4 Wire)
- Output: (PLC/DCS side) - 4-20mA (2 Wire)
- Short circuit protection: Channel wise short circuit protection by electronically resettable fuse
- Surge protection: Up To 2KV
- Termination at field side: Screw type, max. 2.5 mm² conductor
- Dimensions in mm: 180 x 90 x 70 mm (H x W x D)

Passive FIM
8 Channel RTD Input FIM
Track with Single Tier Termination at Field Side
MAS-AI-W-08-1L-D-R

Features
- No. of channels: 8
- Input: (Field side) - RTD, 3/4 Wire
- Output: (PLC/DCS side) - RTD, 3/4 Wire
- Current per channel 0.5A max.
- Surge protection: upto2KV
- Termination at field side: Screw type, max. 2.5 mm² conductor
- Dimensions in mm: 180 x 90 x 70 mm (H x W x D)
Passive FIM
8 Channel Analog Input FIM with Fuse
Track with Two Tier Termination at Field Side
MAS-AI-P-08-D-X

Features
- Universal input current (2 wire / 4 wire) / voltage / RTD / thermocouple
- Selection of each channel using hardware jumpers
- Fuse - 50mA each channel
- Resistance selection for Masibus Products - MINT-AI / 85XX+ / 8040 / 8204 / 8208
- Compact in design
- Reduce installation and assembly time (Just install the FIM on DIN-Rail and connect prefab cable within a minute)
- Dimensions in mm 110 (L) x 126(w) x 70 (D)

<table>
<thead>
<tr>
<th>Masibus Product</th>
<th>Resistance</th>
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<td>8040</td>
<td>2500</td>
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<td>8204 / 8208</td>
<td>1000</td>
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</table>
Passive FIM
8 Channel RTD Input FIM
Track with Two Tier Termination at Field Side
MAS-AI-W-08-2L-D-R

Features
• No. of channels: 8
• Input: (Field side) - RTD, 3/4 Wire
• Output: (PLC/DCS side) - RTD, 3/4 Wire
• Current per channel 0.5A max.
• Surge protection: upto2KV
• Termination at field side: Screw type, max. 2.5 mm² conductor
• Reduce the size of the module for panels space utilization by two tier terminal
• Dimensions in mm: 110 x 90 x 70 mm (H x W x D)

Passive FIM
16 Channel TC Input FIM
Track with Single Tier Termination at Field Side
MAS-AI-W-16-1L-D-T

Features
• No. of channels: 16
• Input: (Field side) - Thermocouple
• Output: (PLC/DCS side) - Thermocouple
• Current per channel 0.5A max.
• Surge protection: upto2KV
• Termination at field side: Screw type, max. 2.5 mm² conductor
• Dimensions in mm: 180 x 90 x 70 mm (H x W x D)

Passive FIM
16 Channel TC Input FIM
Track with Two Tier Termination at Field Side
MAS-AI-W-16-2L-D-T

Features
• No. of channels: 16
• Input: (Field side) - Thermocouple
• Output: (PLC/DCS side) - Thermocouple
• Current per channel 0.5A max.
• Surge protection: upto2KV
• Termination at field side: Screw type, max. 2.5 mm² conductor
• Reduce the size of the module for panels space utilization by two tier terminal
• Dimensions in mm: 110 x 90 x 70 mm (H x W x D)
Passive FIM
8 Channel Analog Output FIM
Track with Two Tier Termination at Field Side
MAS-AO-W-08-2L-D

Features
- No. of channels: 8
- Input (PLC/DCS side) - 4-20mA
- Output (Field side) - 4-20mA
- Current per channel 0.5A max.
- Surge protection: up to 2KV
- Reduce the size of the module for panels space utilization by two tier terminal
- Dimensions in mm: 85 x 90 x 70 mm (H x W x D)

Passive FIM
16 Channel Digital Input FIM
Track with Two Tier Termination at Field Side
MAS-DI-W-16-2L-D

Features
- No. of channels: 16
- Input (Field side) - 24VDC
- Output (PLC/DCS side) - 24VDC
- Current per channel 0.5A max.
- Surge protection: up to 2KV
- Termination at field side: Screw type, max. 2.5 mm² conductor
- Dimensions in mm: 110 x 90 x 70 mm (H x W x D)
Passive FIM
16 Channel Digital Input FIM
Track With Resettable Electronic Fuse with Termination at Field Side
MAS-DI-P-16-1L-D

Features
- No. of channels: 16
- Input: (Field side) - 24VDC
- Output: (PLC/DCS side) - 24VDC
- Current per channel 0.5A max.
- Surge protection: upto2KV
- Termination at field side: Screw type, max. 2.5 mm² conductor
- Dimensions in mm: 180 x 90 x 70 mm (H x W x D)

Passive FIM
16 Channel Digital Output FIM
Track with Two Tier Termination at Field Side
MAS-DO-W-16-2L-D

Features
- No. of channels: 16
- Input: (PLC/DCS side) - 24VDC
- Output: (Field side) - 24VDC
- Current per channel 0.5A max.
- Surge protection: upto2KV
- Short circuit protection: Channel wise 0.5A (Resettable fuse)
- Termination at field side: Screw type, max. 2.5 mm² conductor
- Dimensions in mm: 180 x 90 x 70 mm (H x W x D)

Passive FIM
16 Channel Digital Output FIM
Track with Resettable Electronic Fuse with Single Tier Termination at Field Side
MAS-DO-P-16-1L-D

Features
- No. of channels: 16
- Input: (PLC/DCS side) - 24VDC
- Output: (Field side) - 24VDC
- Current per channel 0.5A max.
- Short circuit protection: Channel wise 0.5A (Resettable fuse)
- Surge protection: upto2KV
- Termination at field side: Screw type, max. 2.5 mm² conductor
- Dimensions in mm: 180 x 90 x 70 mm (H x W x D)
Active FIM
8 Channel Isolated Analog Input FIM
MAS-AI-16-D

Features
- No. of channels: 16
- Input: (Field side) - 4-20mA (2/4 Wire)
- Output: (PLC/DCS side) - 4-20mA (4 Wire)
- Short circuit protection: 25 mA ± 5% short circuit current protection in transmitted power supply
- Signal monitoring: LED (Red) for under / over / open indication (Input side)
- Load driving capacity/ channel: Up to 600 Ω
- Galvanic isolation: 1.5 KV AC, channel wise - Input to output, channel to channel (Input side), input to power supply (DC24V)
- Dimensions in mm: 300 x 90 x 90 mm (H x W x D)

Active FIM
8 Channel Isolated Analog Input FIM
with HART
MAS-AI-08-D-H

Features
- No. of channels: 8
- Input: (Field side) - 0/4-20 mA, 0/1-5VDC, 0-10VDC
- Output: (PLC/DCS side) - 4-20mA (2/4 Wire)
- Short circuit protection: 25 mA ± 5% short circuit current protection in transmitted power supply
- Signal monitoring: LED (Red) for under / over / open indication (Input side)
- Load driving capacity/ channel: Up to 600 Ω
- Galvanic isolation: 1.5 KV AC, channel wise - Input to output, channel to channel (Input side), input to power supply (DC24V)
- HART communication
- Dimensions in mm: 225(L) x 90(W) x 90(D)
Cost-Effective Solutions for Field Signal Isolation with HART

Active FIM
8 Channel Isolated Analog Linearized RTD/TC FIM
MAS-AI-U-08-D

Features
- No. of channels: 8
- Input: (Field side): For linear type: 0/4-20 mA, 0/1-5VDC, 0-10VDC
  For: RTD/TC: Input: RTD Pt100 and thermocouple (J,K,T,E,R,S,N & B)
  - Each channel is configurable for input type
- Output: (PLC/DCS side): 0/4-20 mA, 0/1-5VDC, 0-10VDC
- 24VDC @25mA transmitter power supply
- LED indication for signal over / under
- 3-Way isolation for analog signals / channel to channel isolation 1.5 KV AC
  +/− 0.1% accuracy across span
- Output direction: direct or reverse
- Zero and span calibration possible for each channel through the mini USB port
- Dimensions in mm: 225(L) x 90(W) x 90(D)

Cost Saving:
- Thermocouple/RTD card at PLC/DCS end can be replaced by normal 4-20 mA card by using this FIMs- Minimum cost saving per 8 channel shall be approximately 35K/45K INR.
- Combination of RTD + Thermocouple (any type) can be connected to this FIMs hence reducing the requirement of multiple RTD-Thermocouple card at PLC/DCS end- Minimum cost saving 65K to 95K INR per 8 channel with combination input
- These FIMs gives channel to channel isolation for PLC/DCS cards hence saving cost 45K to 55K each channel

Reduce PLC/DCS Costs with Signal Conditioners - Temperature Measurement Applications

Active FIM
16 Channel Isolated Analog Input FIM with HART
MAS-AI-16-D-H

Features
- No. of channels: 16
- Input: (Field side) - 4-20mA (2/4 Wire)
- Output: (PLC/DCS side) - 4-20mA (4 Wire)
- Short circuit protection: 25 mA ± 5% short circuit current protection in transmitted power supply
- Signal monitoring: LED (Red) for under / over / open indication (Input side)
- Load driving capacity/ channel: Up to 500 Ω
- Galvanic isolation: 1.5 KV AC, channel wise
  - Input to output, channel to channel (Input side), input to power supply (DC24V)
- HART communication
  - Dimensions in mm: 300 x 90 x 95 mm (H x W x D)

Active FIM
8 Channel Isolated Analog RTD FIM
MAS-AI-R-08-D

Features
- No. of channels: 8
- Input: (Field side) - 3/4 wire RTD Pt100
- Output: (PLC/DCS side) - 3/4 wire RTD Pt100
- Signal monitoring: LED (Red) for open/short circuit protection/burnout
- Load driving capacity/ channel: Up to 600 Ω
- Galvanic isolation: 1.5 KV AC, input to output - channel to channel (Input side) - input to power supply (DC24V)
- Dimensions in mm: 180 x 90 x 70 mm (H x W x D)
Active FIM
8 Channel Isolated Analog Output FIM
MAS-AO-08-D-H

Features
- No. of channels: 8
- Input (PLC/DCS side) - 4-20mA/0-20 mA/ 0-5 VDC/0-10 VDC & 1-5 VDC
- Output (Field side) - 4-20mA/0-20 mA/ 0-5 VDC/0-10 VDC & 1-5 VDC
- Voltage: 0-5 VDC/0-10 VDC & 1-5 VDC
- Signal monitoring: LED (Red) for under / over / open indication (Output side)
- Load driving capacity/ channel: Up to 500 Ω
- Galvanic isolation: 1.5 KV AC, input to output - channel to channel (Output side) Output to power supply (DC24V)
- HART communication
- Dimensions in mm: 180 x 90 x 95 mm (H x W x D)

Translate and Isolate AC/DC Field Voltages to 24V Signals

Active FIM
16 Channel Digital Input FIM
Optically Isolated
MAS-DI-16-D

Features
- No. of channels: 16
- Input (Field Side): 110/230 VAC, 12/24/48/110/220 VDC
- Output (PLC/DCS Side): Open collector, source or sink
- Signal healthy indication for each channel
- Optical isolation between input to output
- Output option with FRC or D-type
- Translate and Isolate AC/DC field voltages to 24V signals
- Dimensions in mm: 200(L) x 90(W) x 60(D)
Active FIM
16 Channel Digital Input FIM
Optically Isolated with Wire Break Detection
MAS-DI-16-D-WB-OI

Features
- No. of channels: 16
- Input (Field side): 24VDC
- Output (PLC/DCS side): 24VDC
- Signal monitoring: (Each channel wise):
  - Signal healthy status: LED (Green)
  - For short circuit: LED (Red)
  - Wire break monitoring (Field side): LED (Red)
- Wire break monitoring: <1 mA at output side
- Operating current: <10 mA / channel
- Short circuit protection: Provided, 120 mA
- Optical isolation: 1.5KV AC, channel wise - input to output
- High signal (0 - 1): > 15V DC
- Low signal (1 - 0): < 13V DC
- Dimensions in mm: 180 x 90 x 95 mm (H x W x D)

Active FIM
16 Channel Relay FIM
1CO with Fuse on Relay Pole for 24 VDC / 230VAC Contact
MAS-DO-RL-16-D-1CO-1L-24 / MAS-DO-RL-16-D-1CO-1L-230

Features
- No. of channels: 16
- Input: (PLC/DCS side) - 24VDC
- Output: (Field side) - 24VDC/ 230VAC @ 5A
- LED (Green) for relay ‘ON’
- LED (Red) for short circuit protection
- Galvanic isolation: 1.5KV AC - input to output
- Protection: Field side 5A normal fuse
- Dimensions in mm: 270 x 126 x 70 mm (H x W x D)
Active FIM

8/16 Channel Relay FIM – 1CO
MAS-DO-RL-08-D-1CO
MAS-DO-RL-16-D-1CO

Features
- No. of channels: 08/16
- Input: (PLC/DCS side) - 5VDC, 12VDC, 24VDC and 48VDC
- Output: (Field side) - 230VAC@5A, 30VDC@5A
- LED (Green) for relay 'ON'
- Galvanic isolation: 1.5KV AC - input to output
- Freewheeling diode across coil for protection
- Jumper setting for positive / negative looping
- Option for 1CO or 2CO
- Pluggable relays
- Dimensions in mm: 128x 90x 60 (8 ch.) / 252x 90x 60 (16 ch.)

Active FIM

16 Channel Relay FIM
1CO with Fuse on Relay Pole for 24 VDC / 230VAC Contact
MAS-DO-RL-16-D-1CO-3L-24 /
MAS-DO-RL-16-D-1CO-3L-230

Features
- No. of channels: 16
- Input: (PLC/DCS side) - 24VDC
- Output: (Field side) - 24VDC/ 230VAC @ 5A
  - LED (Green) for relay 'ON'
  - LED (Red) for short circuit protection
- Galvanic isolation: 1.5KV AC - input to output
- Protection: Field side 5A normal fuse
- Dimensions in mm: 180 x 126 x 70 mm (H x W x D)
**Active FIM**

**16 Channel Relay FIM**
2CO with Fuse on Relay Pole for 24 VDC / 230VAC Contact

**Features**
- No. of channels: 16
- Input: (PLC/DCS side) - 24VDC
- Output: (Field side) - 24VDC/230VAC@5A
  - LED (Green) for relay ‘ON’
  - LED (Red) for short circuit protection
- Galvanic isolation: 1.5KV AC - input to output
- No. of contacts: Two
- Protection: Field side 5A normal fuse
- Dimensions in mm: 300 x 126 x 70 mm (H x W x D)

**Driving DO/Relay Output Through Modbus RS-485**

**Active FIM**
**Relay - RS - Communication**
(MAS-RS-RL)

**Features**
- No. of channels: 4/8
- Input: (PLC/DCS side) - 24VDC
- Output: (Field side) - 24VDC/230VAC @ 5A
- Communication: RS-485 (2 Wire): Modbus RTU protocol
- Dimensions in mm:
  - For 8 channel: 246 (L) x 90 (W) x 70 (D)
  - For 4 channel: 158 (L) x 90 (W) x 70 (D)

**Active FIM**
**8 Channel AC Input FIM (CT/PT)**
**MAS-DX-08-D**

**Features**
- Multi-channel configurations
- 8 Ch CT/ PT or Combination of CT/PT Inputs
- Input (Field Side): Current: 0-5A AC, 0-1A AC, 0-300mA AC
  - Voltage: 0-150VAC, 0-300VAC, 0-450VAC
- Output (PLC/DCS side): 4-20 mA, 0/1-5VDC, 0-10VDC
- 3-Way isolation for analog signals / channel to channel isolation
- Independent zero & span for each channel
- Re-Transmission to interface with SCADA/PLC/DCS
- Dimensions in mm: 300(W) x 126(H) X 90(D) mm

**Line Voltage / Current, Earth Leakage Current Measurement & Protection**
Active FIM
MCC/ VFD Feeder Monitoring FIM (3 CT+3 PT+1 CBCT)
MAS-FM-07-D

Features
- Multi-Channel configurations
- Wide range of AC inputs and DC outputs
- Input (Field Side): Current: 0-5A AC, 0-1A AC, 0-300mA AC, 0 - 10mA
  - Voltage: 0-150VAC, 0-300VAC, 0-450VAC
- Output (PLC/DCS Side): 4-20 mA, 0/1-5VDC, 0-10VDC
- 3-Way isolation for analog signals / channel to channel isolation
- Independent zero & span for each channel
- Re-Transmission to interface with SCADA/PLC/DCS
- Dimensions in mm: 275(W) x 126(H) X 90(D) mm

8 Channel (1 to 4 AMP) Power Distribution Board
MAS-PD-08-D-X

Features
- Incoming feeder: 01
- Incoming feeder monitoring: LED (Green) for healthy status
- Outgoing feeders: 08
- Outgoing feeder fuse rating: 4A
- Current per outgoing feeder: 4A
- Outgoing feeder fuse monitoring: LED (Green) for healthy status,
  LED (Red) for blown fuse status
- Diagnostic signal: Common fault signal available as potential free O/P for all channel
- Dimensions in mm: 130 x 90 x 80 mm (H x W x D)

Diode Oring Modules
MAS-DR-08-D-X

Diode oring modules are used when two smps are connected in parallel (Redundancy), available up to 80 Amp

Features
- Operating voltage: 24VDC
- Module side termination: Barrier connector
- Field side termination: Barrier connector
- Mounting: Universal Din-Rail - 35 mm mountable
- Used for decoupling the incoming redundant 24V DC power supply feeders
- Suitable for powering system DCS cabinets
  (Basic cabinet, extension & field Interface cabinet)
- Dimensions in mm: 150 x 90 x 70 mm (H x W x D)
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