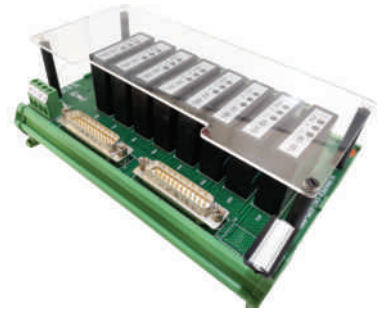


# Modular Wiring Solutions

## Analog Output Field Interface Modules with fuse protection

### Features:

- Fast traceability of signal status through Channel-wise LED indications.
- Reduces Installation & commissioning time.
- Available Sink and Source type
- Provides ease trouble-shooting & maintenance.
- Compact in design.
- Universal Rail mounting.



### Technical Data:

#### System Input Data

Input Signal Level	4-20mA
Signal Configuration	Sink or Source Current Output (user to specify)
Signal Mode	Non-Redundant/Redundant
Termination	15/25 Pin D-Sub Connector

#### Field Output Data

Output Signal Level	4-20mA
Protection	Short Circuit
Fuse Rating/Channel	100mA
Fuse Fail LED/Channel	Red LED
Isolation (Refer selection matrix)	3 way Isolation (Optical) Channel to Channel, Input to Output Power Supply to field Channel
Termination	Screw Terminals

#### System Side Termination

Terminal Type	D-Sub Connector
Contact Material	Copper Alloy
Operating Current	5 A per contact
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 5000 MΩ
Maximum Voltage	1000 Vrms

#### Field Side Termination

Terminal Type	Screw Terminal
Nominal Current /Sq.mm	24A
Wire Cross section	2.5mm <sup>2</sup>
Rated Voltage	250V
Rated surge Voltage	4KV
Solid/ Stranded	0.2-4/ 0.2-2.5/ 24-12
[mm <sup>2</sup> / mm <sup>2</sup> ] AWG	
Insulation material	PA/I
Tightening torque	0.6 Nm Max.

#### General Data

Ambient temperature	0°C to +60°C
Relative humidity	Max. 90% (Non-condensing)
PCB design	UL standard ANSI IPC 2221, 2222 & MIL 275B
Screw- Terminals	UL, CSA Standard & CE standard
Mounting	Din Rail Mountable

#### Auxiliary Power Supply

Aux Voltage	24VDC
Power ON Status	Green LED

### Selection Matrix For Analog Output Field Interface Module (Non-Redundant)

Channel Density		4		8	
Protection	Fuse, 100mA	✓	✓	✓	✓
	Fuse, LED	-	✓	✓	-
Galvanic Isolation		-	-	-	✓
Current Consumption					960mA
Dimensions in mm (L X W)		77 X 90MM	82 X 126MM	92 X 126M	182 X 126MM
Part No.		UL04AO-D15S7	UL04AOFI-D15S7-SPD	UL08AOFI-D25-VF-CMPT	UL08AO-ISO-D25-SRC.
FIM Ordering Code		085070100004	085070100003	085070200002	091020100025

### Selection Matrix For Analog Output Field Interface Module (Redundant)

Channel Density		1	4	8
Protection	Fuse, 100mA	✓	✓	✓
	Fuse, LED	✓	-	-
Galvanic Isolation		✓	-	-
Current Consumption		120mA	480mA	960mA
Dimensions in mm (L X W)		45X126MM	125X126MM	182X126MM
Part No.		UL01AO-ISO-RED-TB-SRC	UL04AO-RED-D15-SRC	UL08AO-RED-D25-SRC
FIM Ordering Code		091020100020	091020100013	091020100018

**Note:** Analog output Redundant field interface modules with Isolation has in-built resettable fuse & current limiting