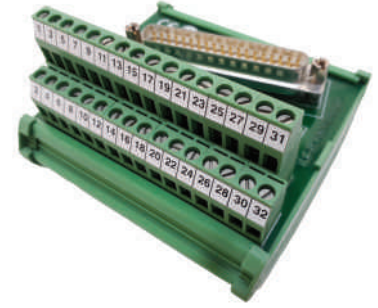


# Passive Interface Modules

## Passive Interface Modules (D sub to Screw Terminals)

### Features:

- Elimination of single core wiring, connection through Prefab plug-in Cable.
- Reduce Installation & assembly time.
- Available with D sub male/ female to terminals.
- Connection one to one.
- Compact in design.
- Universal Rail mounting.



### Technical Data:

#### General Data

Number of Positions	15, 25, 37, 50
Operating Voltage	Max. 60V AC/DC
Current Rating / Channel	2 Amp.
Test Voltage	500V, 1min
Terminations	Control Side D Sub Male/ Female Connector. Field Side Screw Type Terminals
Connection Type	Control Side Multicore Shielded/Non-Shielded Cable 15 to 50 Core Field Side Wire Size 0.2mm <sup>2</sup> - 2.5mm <sup>2</sup>

#### Environment/ Compliance 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 Mounting	UL, CSA Standard & CE standard Din Rail Mountable

#### System Side Termination

Plug-in Connector 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/ 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.

### Ordering Details

D-Sub Female Connector Positions.	15	25	37	50
Dimensions in mm(L X W)	54 x 90	84 x 90	107 x 90	152x 90
Part no.	ULFIMD15F	ULFIMD25F-R	ULFIMD37F	ULFIMD50F
Ordering Code	087010100031	087010100041	087010100011	087010100024

### Ordering Details

D-Sub Female Connector Positions.	15	25	37	50
Dimensions in mm(L X W)	52 x 90	73 x 90	107 x 90	152x 90
FIM Ordering Code	ULFIMD15M	ULFIMD25M	ULFIMD37M	ULFIMD50M
Ordering Code	087010100050	087010100036	087010100012	087010100013



**Note:** Passive Module with D sub connector to terminals with LED Indication is available on request. Specify Prefab cable length while ordering.