

Passive Interface Modules

Passive Interface Module (EDAC/ELCO to Screw terminals)

Features:

- Elimination of single core wiring, connection through Prefab plug-in Cable.
- Reduce Installation & assembly time.
- Available with all standard EDAC/ELCO Pins to terminals.
- Connection one to one.
- Compact in design.
- Universal Rail mounting.



Technical Data:

General Data

Number of Positions	20, 38, 56, 90
Operating Voltage	Max. 120V AC/DC
Current Rating / Channel	2 Amp.
Test Voltage	500V, 1min
Terminations	Control Side EDAC/Elco Male Connector Field Side Screw Type Terminals
Connection Type	Control Side Multicore Sh./Non-Shielded Cable 20-56 Core, 0.34 mm ² Field Side Wire Size 2.5 mm ²

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	EDAC/ELCO
Contact Material	Copper Alloy
Operating Current	8.5 A per contact
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 5000 MΩ
Maximum Voltage	2000 Vrms

Field Side Termination

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

Ordering Details

EDAC/ ELCO Connector	ELCO38/38	ELCO38/38	ELCO56/56	ELCO56/56	ELCO90/38
Dimensions in mm(L X W)	107 X 90	107 X 90	152 X 90	152 X 90	109 X 90
Part no.	ULELCO38-38-XOR	ULELCO38-38-XOL	ULELCO56-56M-XOR-R1	ULELCO56-56M-XOL-R1	ULELCO90-38-XOL-R1
Ordering Code	087010100032	087010100033	087010100093	087010100092	087010100094



Note: EDAC/ELCO Module with respective EDAC/ELCO Prefab Cable are also available. Specify Prefab cable length while ordering.