

# MicroEdge Plug-In 2DI-2DO Tech-Note

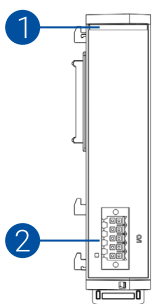
## Plug-in with 2DI-2DO

The MicroEdge Plug-in 2DI-2DO is a compact I/O expansion module designed to add digital inputs and outputs without increasing system complexity. Optical isolation on both inputs and outputs guarantees safe and reliable operation in demanding conditions.

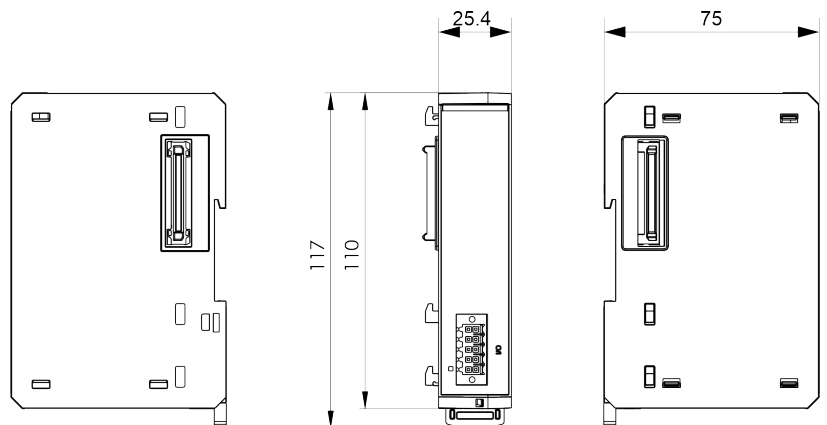
- Instant I/O expansion
- Industrial-grade reliability
- Seamless integration with MicroEdge



Interface	
Digital inputs	2 (24Vdc with optical isolation)
Digital outputs	2 (SSR with optical isolation)
LED	1 RGB
Protection Class	
Operating Temperature	-20°C to +60°C
Storage Temperature	-30°C to +70°C
Operating/Storage Humidity	5 - 85% RH, non condensing
Protection Class	IP20 (not UL evaluated)
Dimensions and Weight	
Height (H)	110 + 7 mm (4.33" + 0.28")
Width (W)	25.4 mm + 5.6 mm (1" + 0.22")
Depth (D)	75 mm (2.95")
Weight	0.140 Kg
Approvals	
CE	Electromagnetic Compatibility Directive 2014/30/EU (EMC)
FCC	FCC Part 15 Subpart B Class A
IC	ICES-003 ISSUE 7 CLASS A
UL	cULus: UL61010-1 / UL61010-2-201
RCM	Yes



1. LED Indicator: Device status
2. Inputs / Outputs



## Ordering Information

Model	Part Number	Description
MicroEdge Plug-In 2DI-2DO	105006700U-0006	MicroEdge Plug-In 2DI-2DO XMP-013