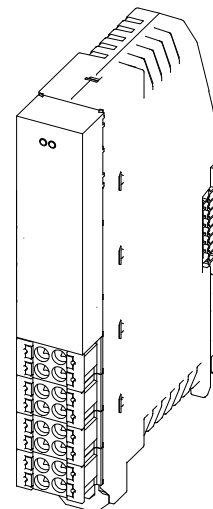


# AD4-AO08U

8 analogue outputs

- 8× galvanically isolated analogue voltage output
- LED module activity indication
- System bus for connection to AD4-CPS with TBUS connectors
- Maximum number of 28 modules in an assembly
- Mounted on a 35 mm DIN rail



## TECHNICAL DATA

<b>Outputs</b>	8
Common conductor	AGND
Output voltage	(0 to 10) V
Maximum output current	10 mA
Minimum load resistance	1 kΩ
Converter resolution	12 bits
Settings accuracy	±1 LSB
Abs. setting error	< 1 %
Temperature dependence	Typically ±10 ppm/°C
Galvanic isolation	Yes
GI strength	500 V AC / 1 minute *)
<b>Power supply</b>	
Maximum module power consumption	1.7 W **)
<b>Other</b>	
Connection to the system bus	TBUS connectors
Maximum number of modules in an assembly	28 **)
Signals connection	Phoenix Contact, HSCP-SP series Push-in spring clamps
Ingress protection rate	IP20
Operating temperature range	-40 °C to 70 °C
Maximum ambient humidity	< 95 % non-condensing
Mounting	On a 35 mm DIN rail
Weight	0.1 kg
Dimensions	(124.3 × 18.7 × 76.5) mm

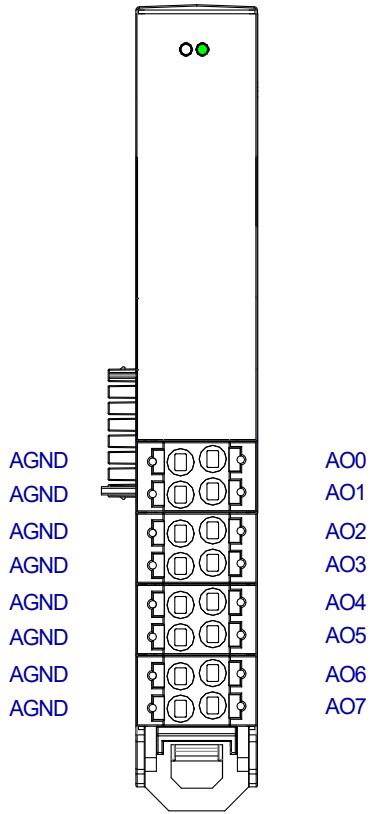
\*) Galvanic isolation must not be used for separation of safe and dangerous parts.

\*\*) The power supply on the **AD4-CPS** is capable of supplying 48 W to power the modules. Fitting other modules affects the maximum number of **AD4-AO08U** in the assembly.

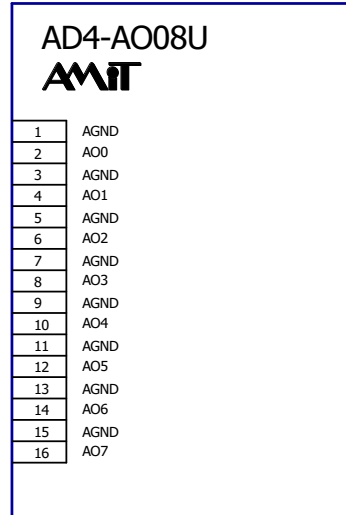
## ORDERING INFORMATION

<b>AD4-AO08U</b>	Module 8 analogue voltage outputs, connectors Phoenix Contact, HSCP-SP
<b>TBUS8-18,8-7P1S</b>	System bus connector (not included in the module delivery)

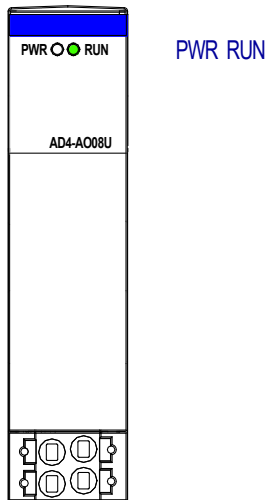
## CONNECTOR LAYOUT



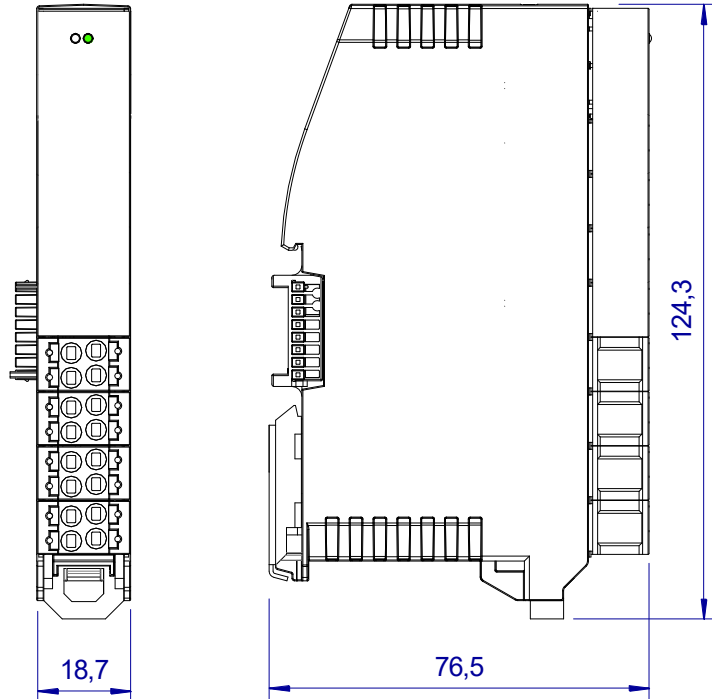
## RECOMMENDED DRAWING SYMBOL



## LED PLACEMENT



## MECHANICAL DIMENSIONS



Binding detailed information can be found in the operation manual ([adis4\\_g\\_en\\_xxx.pdf](#)). Documentation and examples are available at [amitautomation.com](http://amitautomation.com).