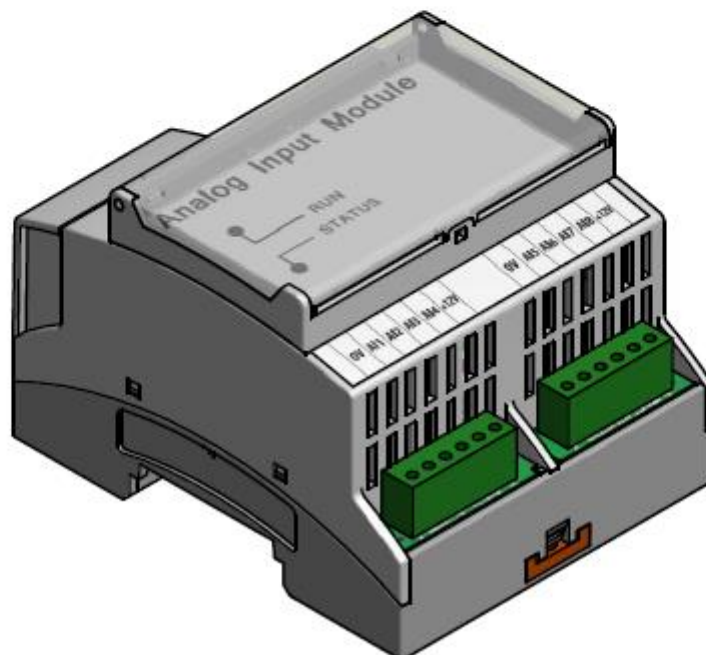
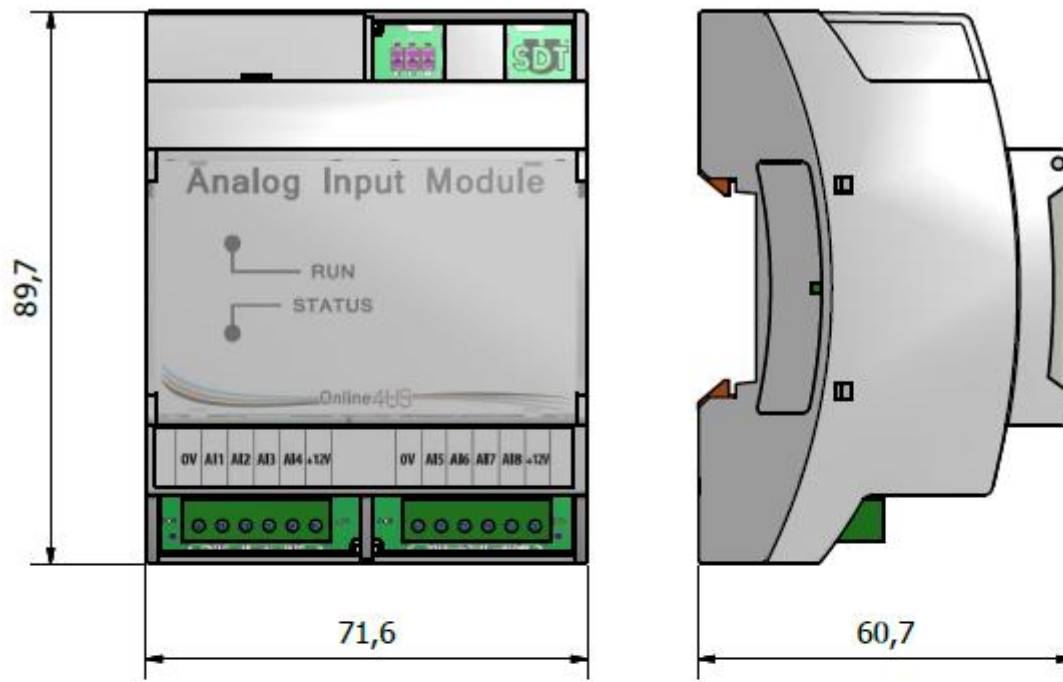


FU.O4US.AIM

# FU.O4US.AIM

O4US MK2 - ANALOG INPUT MODULE

Project: Online4US (13AE)



SPECIFICATIONS	
<b>General</b>	
Function	Analog input for signal acquisition triggering
Processor	ARM Cortex-M3 @ 72MHz
Input channel	8 electrically insulated digital inputs
<b>Environmental</b>	
Operating temperature range	-20 to +55 °C   -4 to 131°F
<b>Mechanical</b>	
Housing material	Polycarbonate
Dimensions housing	71.6x89.7x54.9 mm   2.80"x3.50"x2.13"
Mounting	35 mm DIN-rail
Weight	125g   4.4oz
<b>Power</b>	
Power supply	24VDC +/- 10% (uses main power supply through internal DIN-rail connection, no external wiring is needed)
Power consumption	≈50mA
<b>Electrical</b>	
Power reference	Isolated 12VDC internally provided (no external wiring is needed)
Minimum input voltage	0VDC
Maximum Input voltage	12VDC
Input resistance	> 200k
Resolution	8bits
Acquisition time	160 ms