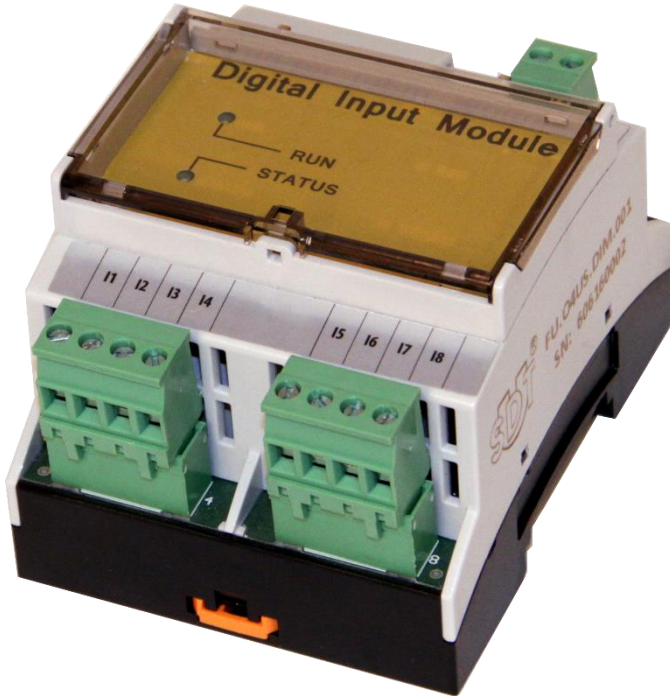


## Online4US Module DIM

### Online4US Module: FU.O4US.DIM.001 (Digital Inputs Module)



Digital inputs are used to trigger the sensor data measurement and control the period of monitoring using external commands.

General	
Function	Digital input for signal acquisition triggering
Processor	ARM Cortex-M3 @ 72MHz
Input channel	8 electrically insulated digital inputs
Environmental	
Operating temperature range	-20 to +55 °C   -4 to 131°F
Mechanical	
Housing material	Polycarbonate
Dimensions housing	71.6x89.7x54.9 mm   2.80"x3.50"x2.13"
Mounting	35 mm DIN-rail
Weight	130g   4.59oz
Power	
Power supply	24VDC +/- 10% (uses main power supply through internal DIN-rail connection, no external wiring is needed)
Power consumption	≈50mA
Electrical	
Power reference	3VDC – 30VDC external power supply (external wiring is needed)
Minimum input voltage	3VDC
Maximum Input voltage	30VDC
Minimum switching time	250 ms