



## OM USB-ISO

Isolator for USB line.

The isolator provides galvanic separation from Full Speed USB bus and thus safely protects your connected device from interference, discharge and overvoltage up to 4 kV.



### USB ISOLATOR

- USB 2.0
- Galvanic separation: 4 kVAC
- Rate 12 Mbaud
- Compact design

### OPERATION

Using the isolator does not require installation of any drivers.

## TECHNICAL DATA

### FUNCTIONS

#### Input

Type	USB 2.0
Rate	12Mb
Connection	connector USB-A

#### Output

Type	USB 2.0
Rate	12Mb
Connection	connector USB-A
Load	output current < 200 mA

### POWER SUPPLY

Fixed: 5 VDC/250 mA, powered from USB

### MECHANIC PROPERTIES

Material: PC, incombustible UL 94 V-0, blue

Dimensions: 50 x 24 x 14mm (w x h x d)

### OPERATING CONDITIONS

Connection: USB-A

Working temperature: 0°...60°C

Storage temperature: -10°...85°C

ESD: 15 kV

Dielectric strength: 4 kVAC per 1 min test between input and output

Insulation resistance: for pollution degree II, measuring cat. III

Input/output > 600 V(PI), 300 V(DI)

PI - Primary insulation, DI - Double insulation

## ORDER CODE

**OM USB-ISO**