



ENGLISH

# Datasheet

## RS PRO Isolated USB separator

Stock number: 188-3482



### USB ISOLATOR

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

188-3482 is 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.

### OPERATION

Using the isolator does not require installation of any drivers.

## TECHNICAL DATA

### FUNCTIONS

#### Input

Type	USB 2.0
Rate	12Mb
Connect.	connector USB-A

#### Output

Type	USB 2.0
Rate	12Mb
Connect.	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

