

Surge Arrester Ventus-UMB

Order No.: 8379.USP-V

Equipment Description

The surge arrester serves to protect the Ventus-UMB sensor and is installed between for example the ISOCON-UMB and the Ventus-UMB sensor. A surge arrester is required for each Ventus-UMB.

Connections

Protected side

The ISOCON-UMB and the power supply unit is connected to the “protected side”.

Unprotected side

The Ventus-UMB is connected on the “unprotected” side.

Technical Data

Power supply safety path

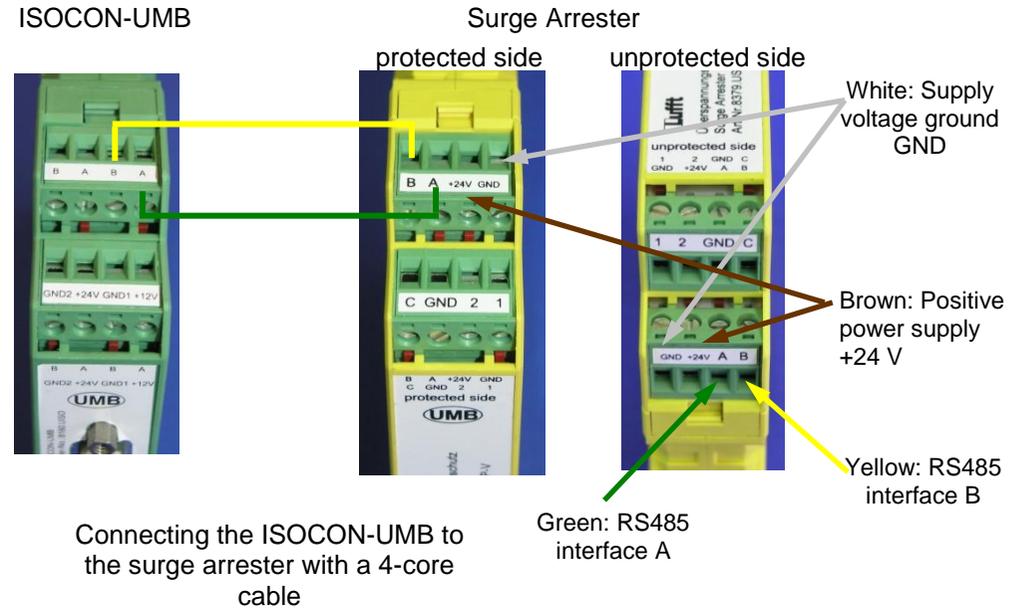
Max. operating current:	10 A
Max. operating voltage:	27 V
Rated leakage current:	20 kA (8/20 μs)

Communication safety path

Max. operating current:	100 mA
Max. operating voltage:	10 V
Rated leakage current:	20 kA (8/20 μs)

ATTENTION: The mounting rail **must** be grounded!

Connection Example



Warning: The power supply is **not** connected to the ISOCON-UMB but is wired direct to the power supply unit, as the ISOCON-UMB is not designed for the 240W heating duty of the Ventus-UMB device.

Please pay attention to the ISOCON-UMB operating manual when building the equipment.

The second connector is designated for the analog or full duplex communication:

- 1: analog interface A or serial interface Y
- 2: analog interface A or serial interface Z
- GND: analog ground
- C: Control connection