

# AS-i Power Supply Decoupling Unit: Supply 2 AS-i Networks via 1 Power Supply

## AS-i Power Supply Decoupling Unit for 2 AS-i Networks

### AS-i Power Extender for 2 AS-i networks

Applicable with double masters  
without integrated data decoupling

Supply 2 AS-i networks out of 1 power supply

Protection category IP20



### Article no. BWU1943: Supply 2 AS-i networks out of 1 power supply

The AS-i Power Supply Decoupling Unit was developed for the use with double masters without integrated data decoupling in the master. It is used to decouple the power supply in order to power up 2 AS-i networks with only 1 AS-i Power Supply.

The AS-i Power Supply Decoupling indicates the AS-i voltage at the inputs with two LEDs in two steps:

1. AS-i voltage > 28 V
2. AS-i voltage > 26 V

The data decoupling unit built inside the AS-i Power Supply Decoupling Unit is limited to 4,0 A at 30 V for each network.

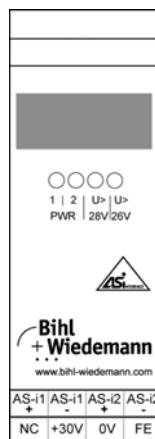
AS-i Power Supply Decoupling Unit is short circuit protected (self-recovering fuse, 6 A).

The AS-i Power Supply Decoupling Unit can also be used in combination with a repeater. It has an IP20 housing.

Several AS-i Power Supply Decoupling Units can be supplied out of 1 power supply.

The DC line from the power supply must not be grounded!

Article no.	BWU1943
Connections	30 V input voltage AS-i output voltage Function earth
Display	
LED green (PWR)	AS-i voltage (circuit 1) ON
LED green (PWR)	AS-i voltage (circuit 2) ON
LED green (U AS-i)	AS-i voltage > 28 V
LED green (U AS-i)	AS-i voltage > 26 V
Operating current	< 4,0 A at 30 V (per output)
Operating voltage	30 V DC (PELV)
Voltage of insulation	≥ 500 V
EMC directions	EN 61000-6-2, EN 61000-6-4
Operating temperature	0°C ... +55°C
Storage temperature	-25°C ... +85°C
Housing	Housing for DIN rail mounting
Dimensions (L, W, H)	99 mm, 22,5 mm, 92 mm
Protection category (DIN 40 050)	IP20
Weight	120 g



#### Accessories:

- AS-i Power Supply 4 A (article no. BW1649)
- 8 A Power Supply for AS-i Master in Stainless Steel for 2 AS-i Circuits (article no. BW1593)
- 8 A Power Supply with 3 Phases for AS-i Master in Stainless Steel for 2 AS-i Circuits (article no. BW1676)
- AS-i Advanced Repeater (article no. BW1855)
- 24 V to 30 V AS-i Power Supply in Stainless Steel 2 A (article no. BW1760)