

# ASi Power Supply Decoupling Unit: Supply of 2 ASi Networks via 1 Power Supply

## ASi Power Supply Decoupling Unit for 2 ASi Networks

### ASi Power Extender for 2 ASi networks

Applicable with double masters  
without integrated data decoupling

Supply of 2 ASi networks out of 1 power supply

Protection category IP20



### Article no. BWU1943: Supply 2 ASi networks out of 1 power supply

The ASi 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 ASi networks with only 1 ASi Power Supply.

The ASi Power Supply Decoupling Unit indicates the ASi voltage at the inputs with two LEDs in two steps:

1. ASi voltage > 28 V
2. ASi voltage > 26 V

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

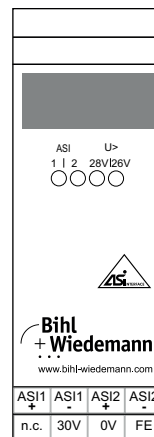
ASi Power Supply Decoupling Unit is short circuit protected (self-recovering fuse, 6 A).

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

Several ASi 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 ASi output voltage Function earth
Display	
LED green (PWR)	ASi voltage (circuit 1) ON
LED green (PWR)	ASi voltage (circuit 2) ON
LED green (U ASi)	ASi voltage > 28 V
LED green (U ASi)	ASi 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:

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