

ASi Power Supply Decoupling Unit for 1 ASi circuit, 1 x 4 A, IP20

ASi Power Supply Decoupling Unit for 1 ASi circuit

1 x 4 A decoupling

Applicable with masters
without integrated data decoupling in the gateway

Supply of 1 ASi circuit via 1 standard 30 V power supply

Protection category IP20



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 1 ASi circuit with 1 standard 30 V Power Supply.

The ASi Power Supply Decoupling 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.

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

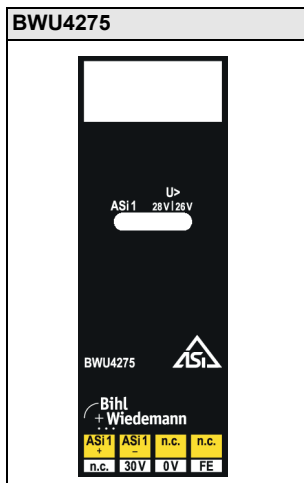
Several ASi Power Supply Decoupling Units can be supplied out of 1 power supply.

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

Article no.	BWU4275
Connections	
Connections	30 V input voltage ASi output voltage Function earth
Operating current	< 4,0 A at 30 V (per output)
Operating voltage	30 V DC (PELV)
Display	
LED PWR1 (green)	ASi voltage (circuit 1) ON
LED U>28(green)	ASi voltage > 28 V
LED U>26 (green)	ASi voltage > 26 V
Environment	
Applied standards	EN 62026-2 EN 61000-6-2, EN 61000-6-4 EN 60529
Operating altitude	max. 2000 m
Operating temperature	0°C ... +55°C no condensation permitted
Storage temperature	-25°C ... +85°C
Pollution degree	2
Housing	plastic, for DIN rail mounting
Protection category (DIN 40 050)	IP20
Tolerable loading referring to humidity	acc. to EN 61131-2
Voltage of insulation	≥ 500 V
Weight	120 g
Dimensions (L, W, H in mm)	99 / 22,5 / 92

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UL-specifications (UL508) BWU4275	
External protection	An isolated source with a secondary open circuit voltage of $\leq 30 V_{DC}$ with a 3 A maximum over current protection. Over current protection is not required when a Class 2 source is employed.
In general	UL mark does not provide UL certification for any functional safety rating or aspects of the above devices.



Accessories:

- 30 V Power Supply, 100 W, 1 phase (article no. BW4223)
- 30 V Power Supply, 4 A, 1 phase (article no. BW4218)
- 30 V Power Supply, 8 A, 1 phase (article no. BW4219)
- 30 V Power Supply, 8 A, 3 phases (article no. BW4220)
- ASi Advanced Repeater (article no. BW3651)