

## 4 A Power Supply with 3 Phases for AS-i Master in Stainless Steel

### 4 A Power Supply with 3 phases for AS-i Master in Stainless Steel for 2 AS-i circuits

LED operation indicator

Suitable for Safety and standard Masters/Gateways with the option "1 Gateway, 1 Power Supply for 2 AS-i networks, inexpensive power supplies"



BW1927



#### Article no. BW1927: 4 A power supply with 3 phases

The power supply with 3 phases for AS-i powers one respectively two fully loaded AS-i systems with a maximum output current of 4 A.

The power supply is continuous idle running protected and can deliver therefore a variable direct current of 0 ... 4 A as output current.

This power supply is suitable only for Safety and standard gateways in stainless steel with the option "1 Gateway, 1 power supply for 2 AS-i networks, inexpensive power supplies".

Article no.	BW1927
<b>Input</b>	
Operating voltage	3 x 400 ... 500 V <sub>AC</sub> , 47 ... 63 Hz
Voltage range	3 x 340 ... 576 V <sub>AC</sub> , 47 ... 63 Hz
Input current	3 x 0,5 A at 400 V <sub>AC</sub>
Turn on impulse	< 25 A (at cold start, 575 V <sub>AC</sub> )
Prescribed external fusing	circuit breaker with B-characteristic 3 x 10 A or slower action, or alternatively 3 x 10 A HBC fuse
Internal fusing	-
<b>Output</b>	
Output voltage	30,5 V <sub>DC</sub> ± 3%
Accuracy of regulation	2%
Output current	0 - 4 A
Ripple	< 25 mV <sub>pp</sub>
Current limitation at 60°C	typ. 4.2 - 7,4 A
Derating (T <sub>J</sub> = 60°C - 70°C)	typ. 6 W/K
Parallel operation	yes; no equal load sharing
Short-circuit protected	yes
Overload protected	yes
Efficiency (typical)	89%
<b>Display</b>	
LED	power on (at frontside)
<b>Standards</b>	
EMC	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, VDE 0160/W2

# 4 A Power Supply with 3 Phases for AS-i Master in Stainless Steel

<b>Article no.</b>	<b>BW1927</b>
Safety	EN 50178, EN 60204-1, EN 60950-1, IEC 60950, UL 60950, UL 508, CAN/CSA-C22.2 No. 60950 (CUR), CAN/CSA-C22.2 No. 14 (CUL)
Power factor (PFC)	EN 61000-3-2
<b>Environment</b>	
Housing	stainless steel
Ambient operating temperature	-10°C ... +70°C
Storage temperature	-25°C ... +85°C
Protection category EN 60529	IP20
Dimensions (L, W, H)	117 mm, 73 mm, 124 mm

### Note:

Air circulation in the power supply may not be disturbed: therefore when mounting see that is at least 50 mm free space below/ above and 15 mm free space left/right!

