

AS-i 3.0 Modbus Gateway in Stainless Steel

Bihl
+ Wiedemann
...

AS-i 3.0 from ID no. 11833 (see lateral Label)

1 AS-i master, modbus slave

Recognition of duplicate AS-i addresses

AS-i Earth Fault Detector integrated

AS-i Noise Detector integrated



Art. no.	BW1656 Class 1 Div. 2 (Group A, B, C & D, T-Code 4)	ETL us
Operating current	master power supply approx. 200 mA out of AS-i circuit	
Operating voltage	AS-i voltage 30 V DC	
Baud rates	1200, 2400, 4800, 9600, 19200, 38400, 57600 or 115000 baud, adjustable parity; default settings are: 9600 Baud, no parity, address 1	
AS-i Master profile	M1	
Serial interface	RS 485 (Modbus/Modbus RTU)	
AS-i cycle time	150 µs*(number of slaves + 2)	
Displays		
LCD	displaying slave addresses and error messages	
LED green (power)	power on	
LED green (ser active)	Modbus interface	
LED red (config error)	configuration error	
LED green (U AS-i)	AS-i voltage OK	
LED green (AS-i active)	AS-i normal operation active	
LED green (prg enable)	automatic address programming enabled	
LED yellow (prj mode)	the master is in configuration mode	
Buttons	4	
Voltage of insulation	≥ 500 V	
EMC directions	according EN 50082, EN 50081	
Ambient operating temperature	0 °C ... +55 °C	
Storage temperature	-25 °C ... +85 °C	
Housing	AS-i master housing in stainless steel	
Dimensions (L, W, H)	120 mm, 75 mm, 83 mm	
Protection category (DIN 40 050)	IP20	
Tolerable loading referring to impacts and vibrations	according EN 61 131-2	
Weight	460 g	

Accessories:

- Software "AS-i Control Tools" with serial cable for AS-i Master in Stainless Steel (art. no. BW1602)
- Interface converter RS 232C/RS 485 (art. no. BW1094)

AS-i 3.0 Modbus Gateway in Stainless Steel

**Bühl
+ Wiedemann**

AS-i 3.0 from ID no. 11833 (see lateral Label)

2 AS-i masters, modbus slave

Recognition of duplicate AS-i addresses

AS-i Earth Fault Detector integrated

AS-i Noise Detector integrated

BW1658 in version "1 gateway, 1 power supply

for 2 AS-i circuits":

only 1 gateway + 1 AS-i power supply for 2 AS-i networks



Art. no.	BW1657 Class 1 Div. 2 (Group A, B, C & D, T-Code 4)	ETL us	BW1658 Class 1 Div. 2 (Group A, B, C & D, T-Code 4)	ETL us
Operating current	approx. 200 mA out of AS-i circuit 1 approx. 70 mA out of AS-i circuit 2		version "1 gateway, 1 power supply for 2 AS-i circuits", approx. 250 mA (PELV supply)	
Baud rates	1200, 2400, 4800, 9600, 19200, 38400, 57600 or 115000 baud, adjustable parity; default settings are: 9600 Baud, no parity, address 1			
AS-i Master profile	M1			
Serial Interface	RS 485 (Modbus/Modbus RTU)			
AS-i cycle time	150 µs*(number of slaves + 2)			
Displays				
LCD	displaying slave addresses and error messages			
LED green (power)	power on			
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Buttons	4			
Voltage of insulation	≥ 500 V			
EMC directions	according EN 50082, EN 50081			
Ambient operating temperature	0 °C ... +55 °C			
Storage temperature	-25 °C ... +85 °C			
Housing	AS-i master housing in stainless steel			
Dimensions (L, W, H)	120 mm, 75 mm, 83 mm			
Protection category (DIN 40 050)	IP20			
Weight	460 g			

Accessories:

- Software "AS-i Control Tools" with serial cable for AS-i Master in Stainless Steel (art. no. BW1602)
- Interface converter RS 232C/RS 485 (art. no. BW1094)
- Power Supply 4 A (art. no. BW1649)/8A (art. no. BW1593) for BWU1643 and BW1658