

AS-i 3.0 EtherNet/IP Gateway in Stainless Steel

Bühl
+
Wiedemann
THE AS-INTERFACE MASTERS

EtherNet/IP to AS-i

1 AS-i 3.0 master

AS-i Earth Fault Detector integrated

Recognition of duplicate AS-i addresses

AS-i Noise Detector integrated



Art. no.	BW1834 Class 1 Div 2 (Group A, B, C & D, T-Code 4)
Operating current	power supply A, approx. 300 mA out of AS-i circuit
Operating voltage	AS-i voltage 30 V DC
Terminals	10/100 MBaud Ethernet, RJ-45 socket RS 232 diagnostic interface
Baud rates	10/100 MBaud
AS-i cycle time	150 µs*(Number of slaves + 2)
Displays	
LCD	displaying AS-i slave addresses and error messages
LED green (power)	voltage ON
LED green (ser active)	Ethernet network active
LED red (config error)	configuration error
LED green (U AS-i)	AS-i voltage OK
LED green (AS-i active)	AS-i in normal operation
LED green (prg enable)	automatic address programming enabled
LED yellow (prj mode)	configuration mode active
Push-buttons	4 (mode/set)
Voltage of insulation	≥ 500 V
EMC directions	EN 50 295, EN 61 000-6-2, EN 61 000-6-4
Operating temperature	0°C ... +55°C
Storage temperature	-25°C ... +85°C
Housing	housing in stainless steel
Dimensions (L, W, H)	120 mm, 100 mm, 83 mm
Protection category (DIN 40 050)	terminals IP20
Tolerable loading referring to impacts and vibrations	according to EN 61 131-2
Weight	550 g

Accessories:

- Software "AS-i Control Tools" with serial transmission cord for connection of the AS-i Master (art. no. BW1602)
- Cross-Link cable (art. no. BW1304)
- AS-i power supply 4 A (art. no. BW1649)

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2 AS-i 3.0 Masters

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Art. no.	BW1835 Class 1 Div 2 (Group A, B, C & D, T-Code 4)	ETL us	BW1836 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 power supply, 1 gateway for 2 AS-i circuits", approx. 250 mA (PELV supply)	
Terminals		10/100 MBaud ethernet, RJ-45 socket RS 232 diagnostic interface		
Baud rates		10/100 MBaud		
AS-i cycle time		150 µs*(Number of slaves + 2)		
Displays				
LCD		displaying AS-i slave addresses and error messages		
LED green (power)		voltage ON		
LED green (ser active)		Ethernet network active		
LED red (config error)		configuration error		
LED green (U AS-i)		AS-i voltage OK		
LED green (AS-i active)		AS-i in normal operation		
LED green (prg enable)		automatic address programming enabled		
LED yellow (prj mode)		configuration mode active		
Push-buttons		4 (mode/set)		
Voltage of insulation		≥ 500 V		
EMC directions		EN 50 295, EN 61 000-6-2, EN 61 000-6-4		
Operating temperature		0°C ... +55°C		
Storage temperature		-25°C ... +85°C		
Housing		housing in stainless steel		
Dimensions (L, W, H)		120 mm, 100 mm, 83 mm		
Protection category (DIN 40 050)		terminals IP20		
Tolerable loading referring to impacts and vibrations		according to EN 61 131-2		
Weight	550 g		620 g	

Accessories:

- Software "AS-i Control Tools" with serial transmission cord for connection of the AS-i Master (art. no. BW1602)
- Cross-Link cable (art. no. BW1304)
- AS-i power supply 4 A (art. no. BW1649)
- Power supply 4 A (art. no. BW1597)