ASi-3 Master/Scanner for Allen-Bradley CompactLogix/MicroLogix 1500

ASi Master for Allen-Bradley
• **CompactLogix**
• **MicroLogix 1500**

**AS-i 3.0 from Ident-no. 12821
(see lateral lable)**

(figure similar)

Article No. BW5171:   Complete set of ASi-3 Master BWU1416 plus accessories BW4723

Article No. BWU1416: ASi-3 Master/Scanner for Allen-Bradley CompactLogix/MicroLogix 1500

Function

The Bihl+Wiedemann AS-i Master connects a CompactLogix processor or a MicroLogix 1500 to an ASi network. Fast, easy set up into PLC backplane by the help of the new ASi Master.

ASi I/O data and status information is mapped into the PLC processor's I/O data.

ASi Scope

Diagnostics, which go far beyond the standard diagnostics facilitate the simple detection of the occasionally occurring configuration errors and further irritations towards the ASi communication.

So in case of an error the down time of machines can be minimized or you can initiate preventive maintenance.

Commissioning and monitoring

The Bihl+Wiedemann ASi master BWU1416 for CompactLogix and MicroLogix 1500 is a type 1769 module. It is suitable for use with any CompactLogix and MicroLogix Controller that supports type 1769 modules.

The ASi Master can be commissioned respectively parametrized with the help of the software "ASi Control Tools360" (BW2902).

Commissioning, debugging and setting up the system without the software can only be accomplished with the use of two push-buttons, the display and the LEDs directly on the system.

Art. no.	BWU1416
ASi	
Operating current	approx. 100 mA out of ASi approx. 450 mA out of power supply 5 V_{DC}
Operating voltage	30 V_{DC} (20 ... 31,6 V)
AS-i cycle time	150 µs * (number of ASi nodes + 2)
Displays	
LED display	displaying ASi node addresses and error messages
LED green (power)	power on
LED green (diag)	communication and control information
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
Push-buttons	2 (mode/set)

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Art. no.	BWU1416
Environment	
Applied standards	EN 60529 EN 61000-6-2 EN 61000-6-4 EN 61131-2 EN 62026-2
Operating temperature	0°C … +55°C
Storage temperature	-25°C … +85°C
Pollution degree	2
Housing	for DIN-rail mounting
Protection category	IP20
Tolerable loading referring to humidity	according to EN 61131-2
Voltage of insulation	≥500 V
Weight	420 g
Dimensions (W / H / D in mm)	35 / 132 / 102

Accessories (included in the scope of delivery of BW5171):

• **Bihl+Wiedemann Suite with 3.5 mm Jack Plug Cable (art. no. BW4723)**

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