AS-i 3.0 Master/Scanner for Allen-Bradley ControlLogix

AS-i Master for

Allen-Bradley ControlLogix

2 AS-i Master

AS-i 3.0 from ID no. 12704 (see lateral Label)

Art. no. BW1611 complete set: AS-i 3.0 Master BWU1488 plus accessories BW1563

Art. no. BWU1488 AS-i 3.0 Master for Allen-Bradley ControlLogix

Function

The Bihl+Wiedemann AS-i Master for ControlLogix of Allen-Bradley has 2 AS-i masters according to the new specification. A fast and easy commissioning can be accomplished with the use of two push-buttons and the display.

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

AS-i Scope

Diagnostics, which go far beyond the standard diagnostics facilitate the simple detection of the occassionally occuring configuration errors and further irritations towards the AS-i 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 AS-i Master can be commissioned respectively programmed with the help of the software "AS-i Control Tools". 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.	BWU1488
Operating current	approx. 70 mA out of AS-i approx. 390 mA out of power supply 5,1 V DC approx. 150 mA out of power supply 24 V DC
Operating voltage	AS-i voltage 30 V DC
AS-i cycle time	150 µs*(Number of slaves + 2)
Displays	
LED display	displaying slave addresses and error messages
LED green (PWR)	power on
LED green (OK)	communication and control information
LED red (Fault)	configuration error
LED green (U AS-i)	AS-i voltage OK
LED green (AS-i act)	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)
Voltage of insulation	≥ 500 V
EMC directions	EN 50 082, EN 50 081
Ambient operating temperature	0°C … +55°C
Storage temperature	-25°C … +85°C
Housing	housing for DIN-rail mounting
Dimensions (L, W, H)	146 mm, 35 mm, 132 mm
Protection category (DIN 40 050)	housing IP20
Weight	420 g

Accessories:

- Software "AS-i Control Tools" with serial transmission cord for Allen-Bradley AS-i Master (Art. no. BW1563)