

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. BW1716 AS-i Master for Allen-Bradley ControlLogix Class I Div. 2 (Group A, B, C & D, T-Code 4)



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 occasionally occurring 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. | BW1716 |
|----------------------------------|--|
| 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)