


ASi CC-Link Gateway in Stainless Steel

ASi Earth Fault Detector integrated

ASi Noise Detector integrated



| Figure | Fieldbus Interface ⁽¹⁾ | ASi-5/ASi-3 | Number of ASi networks, number of ASi Master ⁽²⁾ | Integrated decoupling, ASi current measurement in the gateway ⁽³⁾ | Recognition of duplicate ASi addresses ⁽⁴⁾ | ASi fault detector ⁽⁵⁾ | Artikel Nr. |
|---|-----------------------------------|------------------|---|--|---|-----------------------------------|----------------|
|  | CC-Link | ASi-3 compatible | 1 ASi networks, 1 ASi-3 Master | no, max. 8 A/ ASi network | yes | yes | BWU2611 |

(1) Fieldbus interface

Communication interface between fieldbus and gateway: interfaces for standardized fieldbus systems in industrial automation.
CANopen ASi Gateway: Interface for a CANopen fieldbus

(2) Number of ASi networks, number of ASi Master

"Single Master": 1 ASi network, 1 ASi-3 Master;

(3) Integrated decoupling, ASi current measurement in the gateway

"no, max. 8 A/ASi network": 1 power supply per ASi network.

(4) Recognition of duplicate ASi addresses

Detects whether the same address has been assigned to two ASi nodes. Frequent error when using a hand held addressing device.

(5) ASi fault detector

Checks the ASi line for interference effects such as noise, external voltages, etc.

| | |
|------------------------|---|
| Article no. | BWU2611 |
| Connection | |
| Connections | ASi: COMBICON CC-Link: screw terminal blocks |
| Interface | |
| CC-Link interface | according to CC-Link specification |
| Baud rates | 156 Kbps up to 10 MBps |
| Type | remote device |
| Occupied stations | 2-4 (depending on operating mode) |
| CC-Link functions | imaging of the ASi nodes as RW data on CC-Link. complete diagnosis and configuration via CC-Link |
| ASi | |
| ASi specification | 3.0 |
| Cycle time | 150µs * (number of nodes + 2) |
| Operating current | power supply A, approx. 200 mA out of AS-i |
| Operating voltage | 30 V _{DC} (20 ... 31,6 V) |
| Display | |
| LCD | menu, displaying ASi addresses and error messages |
| LED power (green) | voltage ON |
| LED CC-Link (green) | green: CC-Link communication active |
| LED config error (red) | configuration error |
| LED U ASi (green) | ASi voltage o.k. |
| LED ASi active (green) | ASi in normal operation |
| LED prg enable (green) | automatic address programming enabled |
| LED prj mode (yellow) | configuration mode active |

| Environment | |
|---|--------------------------------|
| Applied standards | EN 61 000-6-2 EN 61 000-6-4 |
| Housing | Stainless Steel |
| Operating temperature | 0°C ... +55°C |
| Storage temperature | -25°C ... +85°C |
| Pollution degree | 2 |
| Protection category (EN 60 529) | IP20 |
| Tolerable loading referring to humidity | according to EN 61131-2 |
| Allowable shock -and vibration stress | according to EN 61 131-2 |
| Voltage of insulation | ≥ 500V |
| Dimensions (L / W / H in mm) | 85 / 120 / 83 |
| Weight | 520 g |

Pin assignment:

| | Signal | Color |
|---|--------|--------|
| 1 | DA | blue |
| 2 | DB | white |
| 3 | DG | yellow |
| 4 | SLD | n/a |
| 5 | F G | n/a |

Accessories:

- Power supplies, e.g.: ASi power supply, 4 A (art. no. BW1649), ASi power supply, 8 A (art. no. BW1997)
(further power supply units can be found at www.bihl-wiedemann.de/en/products/accessories/power-supplies)