

## Masters and gateways

Model number  
 GW458086A  
 GW458126A (ETL)



### AS-Interface to Modbus RS485 gateway

Serial AS-Interface master with Modbus communication protocol for operation with host.

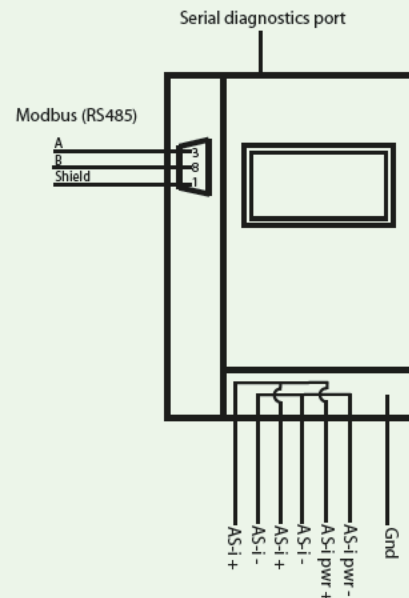
#### Features

- Version 3.0 master, compatible with all 2.0-3.0 slaves and 7.3 profile analog modules
- Duplicate address detection
- AS-Interface peripheral fault diagnostics
- Serial diagnostics port: see SW462008A for cable and software
- ETL approved Class I Division 2 (GW458126A)



| Specifications              |  |
|-----------------------------|--|
| AS-Interface master version | 3.0  |
| Serial interface            | RS485 (9-pin female DB9)   |
| Operating current           | 200mA (from AS-Interface circuit)  |
| Operating voltage           | 30 VDC AS-Interface voltage (AS-Interface power supply)  |
| Baud rate                   | 1200k - 115000 baud  |
| AS-Interface cycle time     | Cycle time = 150 microsec. x (AS-Interface slaves +2)  |
| Displays                    | LCD display<br>Power on, green LED<br>Serial communication active, green LED<br>Configuration error, red LED<br>AS-Interface voltage normal, green LED<br>AS-Interface normal operation, green LED<br>Automatic address program enabled, green LED<br>Master in configuration mode, yellow LED |
| Buttons                     | 4  |
| Operating temperature       | 0° to +55°C (+32° to +131°F)   |
| Storage temperature         | -25° to +85°C (-13° to +185°F)   |
| Housing                     | Stainless steel, DIN rail mounting   |
| Dimensions (L, W, H)        | 120mm, 75mm, 83mm  |
| Ingress protection          | IP20, field enclosure required   |
| Weight                      | 460g (1 pound)   |
| Approvals (GW458126A)       | ETL approved Class I Division 2, groups A,B,C,D  |

### Schematic drawing



### Graphical display

The interactive graphical display on this gateway enables the entire AS-Interface network to be commissioned and the connected devices to be completely tested without a PC, PLC or host system. It also enables the user to complete all tasks previously requiring the “AS-Interface Control Tools” software package or hand-held. This allows for simpler and faster commissioning.

### Features

- Set device addresses
- Test inputs and outputs
- Perform network diagnostics
- View error counter





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