

Masters and Gateways

StoneL Model 458116

AS-Interface to PROFINET with Graphical Display

The AS-Interface/PROFINET gateway interfaces the AS-Interface to PROFINET. The gateway acts as a master for AS-Interface and as a slave for PROFINET. AS-Interface functions can be called up via PROFINET. Commissioning can be accomplished with a handheld addressing unit or with the push-buttons on the gateway.

Features

- Duplicate address detection
- Version 3.0 master-compatible with all 2.0 and 3.0 slaves and 7.3 profile analog modules
- AS-Interface peripheral fault diagnostics
- Serial Diagnostics Port: see 462008 for software and cable



Enclosure Option

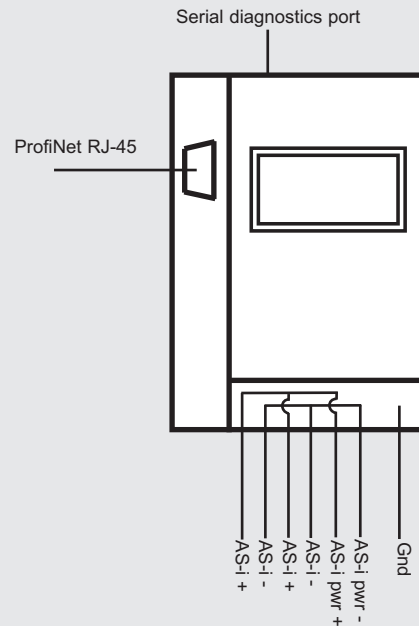


p.166

Specifications

AS-Interface Master Version	• 3.0
Interface	• PROFINET (RJ-45 Ethernet)
Operating Current	• 300mA (from AS-Interface circuit)
Operating Voltage	• 30 VDC AS-Interface Voltage (AS-Interface power supply)
Baud Rate	• 10/100m Baud (automatic recognition)
AS-Interface Cycle Time	• Cycle Time = 150 microsec. x (AS-Interface Slaves + 2)
Displays	<ul style="list-style-type: none"> • LCD Display • Power on, green LED • Serial communication active, green LED • Configuration error, red LED • AS-Interface voltage normal, green LED • AS-Interface normal operation, green LED • Automatic address program enabled, green LED • Master in configuration mode, yellow LED
Operating Temp.	• 0° to +55°C (+32° to +131°F)
Storage Temp.	• -25° to +85°C (-13° to +185°F)
Housing	• Stainless steel, DIN rail mounting
Dimensions (L, W, H)	• 120mm, 100mm, 83mm (L, W, H)
Ingress Protection	• IP20, field enclosure required
Weight	• 550g (1.2 pounds)

Schematic Drawing



Graphical Display

The new 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 handheld. This allows for simpler and faster commissioning.

Features

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