

Masters and Gateways

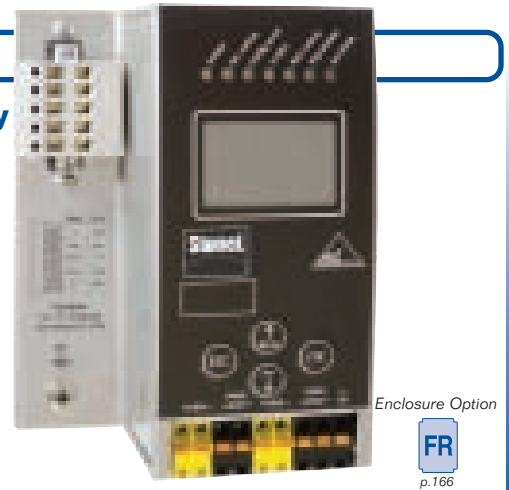
StoneL Model 458098, 458120

Dual Channel AS-Interface to DeviceNet with Graphical Display

The Dual Channel AS-Interface/DeviceNet gateway serves to connect the AS-Interface to a DeviceNet network. The gateway acts as a complete master for two (2) AS-Interface networks and as a slave for DeviceNet (Group 2 slave only). All AS-Interface functions can be called up via DeviceNet.

Features

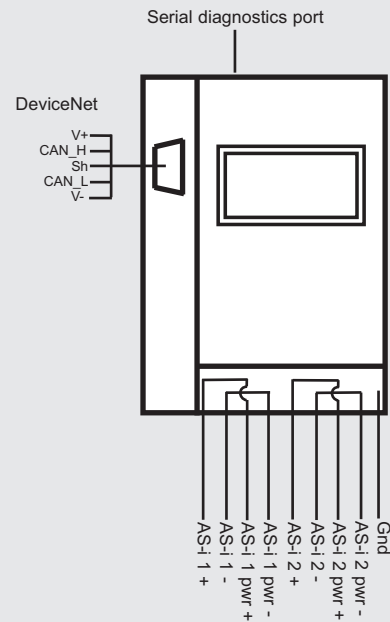
- Duplicate address detection
- AS-Interface peripheral fault diagnostics
- Version 3.0 master-compatible with all 2.0-3.0 slaves and 7.3 profile analog modules
- Serial Diagnostics Port: see 462008 for software and cable
- ETL Approved for Class 1 Division 2 (458120)



Specifications

AS-Interface Master Version	• 3.0
Interface	• DeviceNet (5 Pin Plug)
Operating Current	• 200mA (from AS-Interface) 70mA (from AS-Interface 2)
Operating Voltage	• 30 VDC AS-Interface Voltage
AS-Interface Cycle Time	• Cycle time = 150 microsec. x (AS-Interface Slaves +2)
Displays	• LCD Display • DeviceNet voltage on, green LED • AS-Interface power on, green LED • Module/Net Status (MNS), green/red 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, 85mm, 83mm
Ingress Protection	• IP20, field enclosure required
Weight	• 520g (1.1 pounds)
Approvals (458120)	• ETL approved Class I Division 2, Groups A,B,C,D

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