

## ■ INT-AI-4W-F Interface Unit

8 channels - analog input with fuse for 4-wire transmitter or voltage input

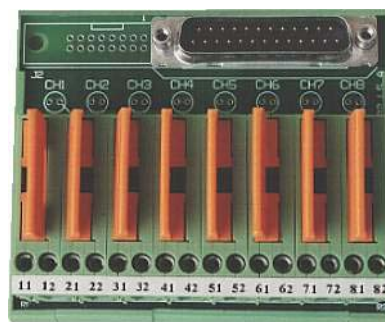
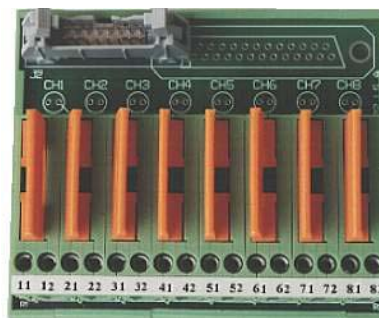
### Description :

The INT-AI-4W-F interface unit allows to connect a 4-20mA input source powered by an external power supply ( for example a 4 wire transmitter), or a voltage input (1-5V for example), to a digital control system or to a programmable logic controller.

It is possible to connect up to 8 inputs (channel 1 to channel 8) per interface unit.

Each channel is protected by a 50mA (5x20) quick action fuse.

The input signal (+) must be connected to the terminals ending by 1.



### Product options :

INT-AI-4W-F-**SUBD**: Communication with the DCS or the PLC via a SUBD connector and a round cable.

INT-AI-4W-F-**HE10**: Communication with the DCS or the PLC via a HE10-16 connector and a flat cable.

### Technical specifications:

#### Dimensions:

Wide : 80 mm  
Length : 90mm  
Depth : 65mm

#### Weight:

100 g

#### Withstanding voltage rating:

250Vac between non connected signal

#### Mounting:

Asymmetric or symmetric DIN rail

#### Signal wiring conductor section:

Only screw terminals are available.  
Conductor section: 24 to 12 AWG  
(0.2 to 2.5 mm<sup>2</sup>)

#### Fuse protection:

50mA (5x20) quick action fuse

#### Connection to ground:

One M3 screw (OPTION SUBD)

#### Connection to the DCS or PLC: (OPTION SUBD)

1 x SUBD 25 pin male connector with UNC 4-40 female lock.

#### Connection to the DCS or PLC: (OPTION HE10)

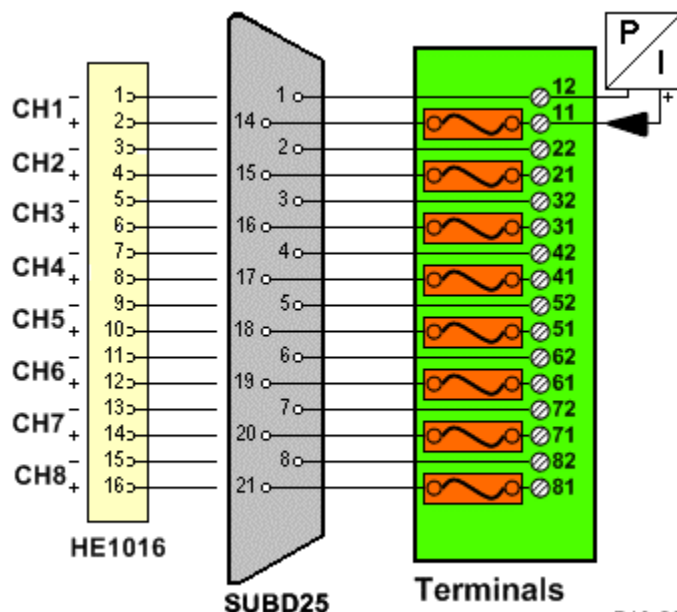
1 x HE10-16 pin male connector with locks for female connector with central polarization and strain relief.

#### Humidity:

Up to 90% (no condensation)

#### Temperature range:

Operating: -10°C to 60°C  
Storage: -20°C to 60°C



R10-2009

