

Description :

The INT-ANALOG-IS is used as a remote termination panel for a ATEX certified I.S Analog Input or Output card, allowing to connect up to eight Analog channels. It can be installed in the rear front of a system cabinet, or generally in a remote marshalling cabinet. The connection to the I.S D.C.S or P.L.C Analog Input card is done with a shielded cable, using a SUBD25M connector at one end, and labelled wires matching with the terminals of the AI card, at the other end.

This cable and cables routed to or from the hazardous area, must be segregated from other cables by routing through separate cable tray.

The length of this cable must be taken into account to calculate the I.S loop parameters.

Two models are available:

- INT-ANALOG-IS-ST:** Screw terminals for connection
- INT-ANALOG-IS-CCT:** Cage Clamp terminals for connection



Specifications :

Mounting:

Asymmetric or symmetric DIN rail.

Size:

Wide 80mm, Height 55mm, Depth 70mm

Protection degree:

IP20.

EC type Examination Certificate number:

LCIE05ATEX0002U

I.S Specific parameters for each channel:

$U_o \leq 28V$

$I_o \leq 120mA$

$P_o \leq 0.8W$

$C_o = 0$

$L_o = 0$

Capacity of terminals:

INT-ANALOG-IS-ST: 0.14 to 1.5mm² (AWG26 to 14)

INT-ANALOG-IS-CCT: 0.2 to 2.5mm²(AWG24 to 14)

Cable for the connection to the I.S Analog Input or Output Card:

Shielded cable (8 twisted pairs: AWG 24, 0.22mm²) with a SUBD25M connector plugged to the SUBD25F connector (J1) of the interface, at one end, and 16 labelled flying wires at the other end.

