ADP-ITB-AX-01

8 + 4 channels - 8 Analog Inputs and 4 Analog Outputs

Description :

The **ADP-ITB-AX-01** adapter allows to migrate up to 8 Analog Inputs and 4 Analog Outputs connected to an existing ABB Harmony™ system to a Distributed Control System (DCS) or a Programmable Logic Controller (PLC).

The existing I/Os are kept in place with the associated panels ITB and associated cable. They are redirected toward the new DCS or PLC.

The **ADP-ITB-AX-01** splits the input and output signals from the ITB panels and reassigns them into two D-Sub connectors to allow an analog input card and an analog output card to be connected.

The connection to the new Analog Input card is done using a shielded cable, with a D-Sub 25 pin Female connector at one end and labeled flying wires or a suitable connector matching with the new system Analog Input card used at the other end.

The connection to the new Analog Output card is done using a shielded cable, with a D-Sub 9 pin Female connector at one end and labeled flying wires or a suitable connector matching with the new system Analog Output card used at the other end.

Product options :

Option **-1** : *ADP-ITB-AX-01-1* Standard version
Option **VSH** : Conformal coating (Tropicalization)

Technical specifications :

Dimensions :		Humidity :
Length : 146 mm		Up to 90% (no condensation)
Width : 30 mm		**Mounting :**
Height : 128 mm		In a BC-11007-1 rack
Weight :		**Insulation voltage :**
125 g		No input/output insulation
Temperature range :		**Input Connector :**
Operating : -10°C to 60°C		AMP D-Sub 28 pin, fully compatible
Storage : -20°C to 60°C		with the existing I/O cable

Connection to the DCS or to the PLC :
8-channel AI :
1 x D-Sub 25 pin male connector with UNC 4-40 female lock.
4-channel AO :
1 x D-Sub 9 pin male connector with UNC 4-40 female lock.

Non contractual documentation – Firelec can improve the design or the specifications of the product described herein without prior notification

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