

# ■ INT-DI16-2

16 channels - Digital Input

## Description :

The **INT-DI16-2** interface unit is a remote termination panel that allows to connect up to 16 Discrete Inputs to a Distributed Control System (DCS), or a Programmable Logic Controller (PLC).

Installed in a remote cabinet, the **INT-DI16-2** interface unit receives the digital inputs from dry contacts or proximity switches.

The connection to the Discrete Input card is done using a shielded (or not) cable, with a SUBD 37 pin female connector at one end, and labeled flying wires or a suitable connector matching with the Discrete Input card at the other end.

If a shielded cable is used (metallic cover mandatory), a screw marked "Shield" allows to ground the unit.

## Product Options :

Option **ST** : INT-DI16-2-**ST**, Screw terminals for the process signals connection

Option **CCT** : INT-DI16-2-**CCT**, Cage clamp terminals for the process signals connection

Option **VSH** : Conformal coating (Tropicalization)



## Technical specifications :

<b>Dimensions :</b>	<b>Input Wiring :</b>
Length : 90mm	<b>TB1 : Inputs</b>
Width : 90mm	ST : 26 to 14 AWG (0,14 to 1,5mm <sup>2</sup> )
Height : 55mm	CCT : 24 to 14 AWG (0,2 to 1,5mm <sup>2</sup> )
<b>Weight :</b>	<b>TB2 : 24V PSU</b>
120g	ST : 26 to 14 AWG (0,14 to 1,5mm <sup>2</sup> )
<b>Temperature range :</b>	<b>Max current :</b>
Operating : 10°C to 60°C	1 A per channel
Storage : -20°C to 60°C	<b>Withstanding voltage rating :</b>
<b>Humidity :</b>	250V RMS between non connected signal
Up to 90% (no condensation)	<b>Shield connection :</b>
<b>Mounting :</b>	1 x M3 screw
Asymmetric or Symmetric DIN rail	
<b>Connection to the DCS or to the PLC :</b>	
1 x Sub-D 37 pins male with UNC 4-40 female lock	
2 screw terminals labeled TB2 dedicated to the 24Vdc power supply.	

