

■ INT-DI16-3 / INT-DI16-4

16 channels - Digital Input

Description :

The **INT-DI16-3** or **INT-DI16-4** 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-DI16-3(or 4)** 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.

- **INT-DI16-3:** Terminals labelled 2 to 10, 12 to 20
- **INT-DI16-4:** Terminals labelled 22 to 30, 32 to 40

Product Options :

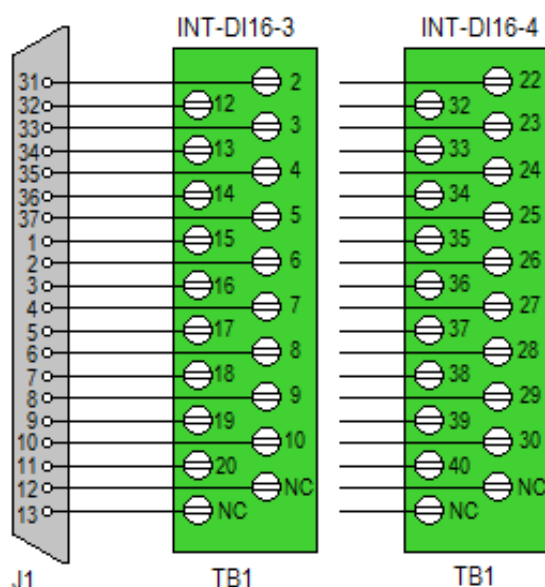
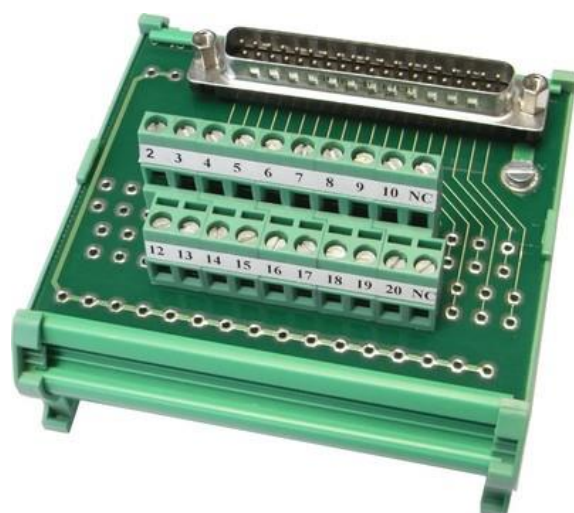
Option **ST** : INT-DI16-3(or 4)-**ST**, Screw terminals for the process signals connection

Option **CCT** : INT-DI16-3(or 4)-**CCT**, Cage clamp terminals for the process signals connection

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

Technical specifications :

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



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