Bulletin Rev: 2022_06



INT-SUBD50M/484

Wiring interface SUBD50M / 48 Terminals (four rows of terminals)







INT-SUBD50M/484-ET

Description:

The INT-SUBD50M/484 interface unit allows to connect up to twelve channels (48 wires) coming from instruments or devices located in different areas, and provides the signals on a D-SUB 50 pin male connector.

Then it is easy to connect the INT-SUBD50M/484 interface unit to a Distributed Control System (DCS), or a Programmable Logic Controller (PLC) using a shielded cable with a D-SUB 50 pin female connector at one end, and labeled flying wires or a suitable connector matching with the I/O card used at the other end.

The shield of the cable can be connected using an M3 Screw.

The INT-SUBD50M/484-ET interface is a rugged version intended for operation in a higher temperature environment.

Product options:

Option ST: Screw terminals for the process signals connection

Option ST2.5: Screw terminals with a capacity of 24 to 14AWG (0.22 to 2.5mm²) for the process signals connection.

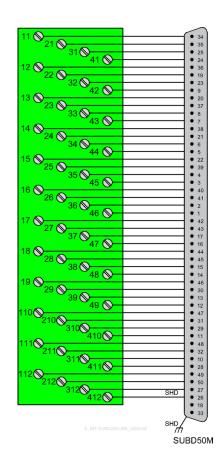
Option **CCT**: Cage clamp terminals for the process signals connection.

Option **ET** : Seuils de températures améliorés Option **VSH** : Conformal coating (Tropicalization)

Technical specifications:

<u>Dimensions</u> :	INT-SUBD50M/484	INT-SUBD50M/484-ET
Length W	90 mm	91mm
Width	90 mm	93 mm
Height	85 mm	85 mm
Weight:		
	200g	210g
Temperature range :		
Operating	0°C to 50°C	0°C to 80°C
Storage	-10°C to 50°C	-10°C to 80°C
<u>Humidity</u>		
(no condensation)	Up to 90%	Up to 80%
Mounting:		
DIN rail	Asymmetric/symmetric	Symmetric

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DIN rail	Asymmetric/symmetric Symmetric		Symmetric	
Max Current :		Conductor cross section :		
1A per channel		ST: 26 to 14 AWG (0,14 to 1,5mm²)		
Max voltage:		ST2.5 : 24 to 12 AWG (0,2 to 2,5mm²)		
48Vdc / Vac		CCT: 24 to 14 AWG (0,2 to 1,5mm²)		
Withstanding voltage rating:				
250V Between non connected		Shield connection:		
Signals (on field terminals)		1 x M3 screw		
Connection to the DCS or to the PLC :				
1 x D-SUB 50 pin male connector with UNC 4-40 female lock.				





INT-SUBD50M/484