

# INT-SUBD50M/484

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



INT-SUBD50M/484



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 2.5mm<sup>2</sup>) 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 :

Dimensions :	INT-SUBD50M/484	INT-SUBD50M/484-ET
Length	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
Humidity		
(no condensation)	Up to 90%	Up to 80%
Mounting :		
DIN rail	Asymmetric/symmetric	Symmetric
Max Current :		Conductor cross section :
1A per channel		ST : 26 to 14 AWG (0,14 to 1,5mm <sup>2</sup> )
Max voltage :		ST2.5 : 24 to 12 AWG (0,2 to 2,5mm <sup>2</sup> )
48Vdc / Vac		CCT : 24 to 14 AWG (0,2 to 1,5mm <sup>2</sup> )
Withstanding voltage rating :		Shield connection :
250V Between non connected		1 x M3 screw
Signals (on field terminals)		
Connection to the DCS or to the PLC :		
1 x D-SUB 50 pin male connector with UNC 4-40 female lock.		

