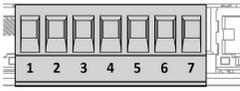
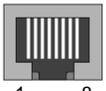


# INSTALLATION

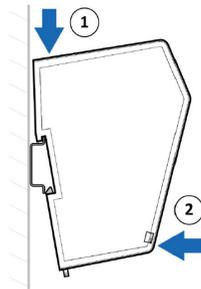
1. Remove the cover of the UPS expansion slot by removing the two retaining screws.
2. Insert MultiCOM 302 in the slot.
3. Fix the cover provided using the screws previously removed.
4. Connect the PROFIBUS Gateway to the MultiCOM 302 using the cable provided with the device and according with the following specifications.

NOTE: if necessary, you can also use another cable realized in accordance with the specifications.

SERIAL CONNECTOR (X3)	connect to	MultiCOM 302 - RJ-45
		
4 - Signal GND	↔	2
5 - RS485+ B	↔	3
6 - RS485- A	↔	4

5. Connect the PROFIBUS Gateway to the PROFIBUS Network.
6. Connect the power cable and apply power.

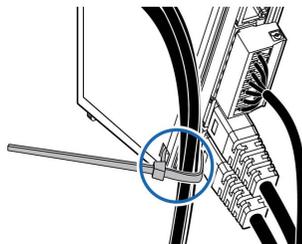
## DIN-RAIL MOUNTING AND CABLE ARRANGEMENT



To attach the Communicator on the DIN rail:

1. Insert the upper end of the DIN rail clip into the DIN rail.
2. Push the bottom of the DIN rail clip into the DIN rail.

To strain relieve the cables, place a cable tie in the holder and lock the cables



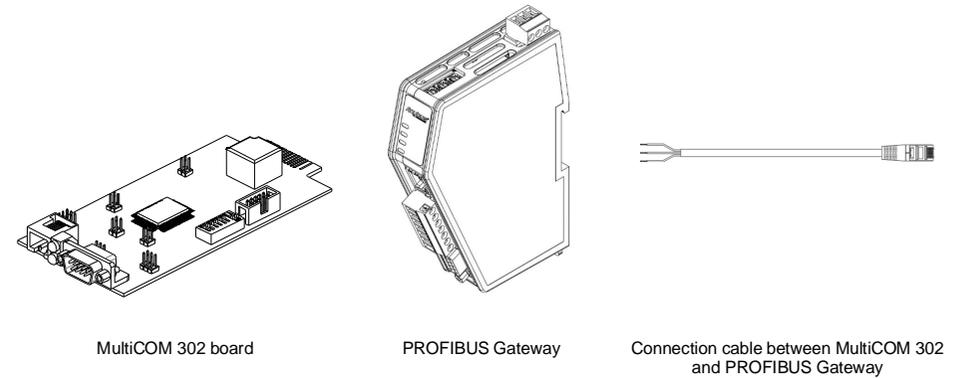
# QUICK START MULTICOM 411



For additional information, please download User Manual from manufacturer's website.

## PRESENTATION

### IN THE BOX



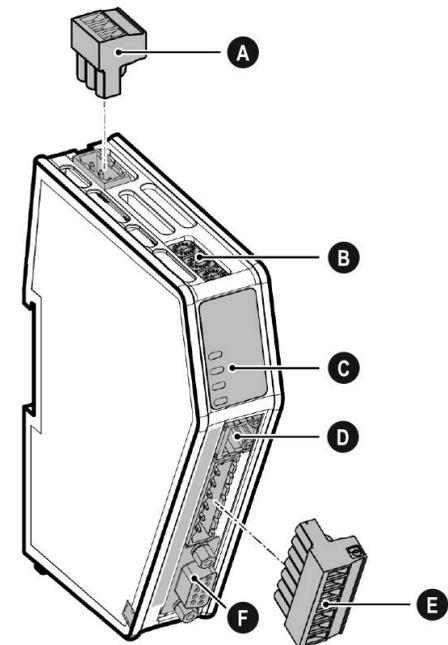
MultiCOM 302 board

PROFIBUS Gateway

Connection cable between MultiCOM 302 and PROFIBUS Gateway

### EXTERNAL VIEW

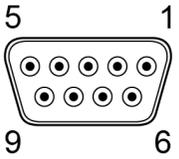
- A** Power connector
- B** Rotary Switches for PROFIBUS address
- C** Status LEDs
- D** Reserved
- E** Serial connector
- F** PROFIBUS connector



# PROFIBUS GATEWAY CONNECTORS

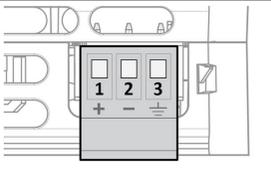
## PROFIBUS CONNECTOR (X3)

PIN	Signal
Housing	PE
1	Shield
2	Not used
3	Line B
4	RTS
5	GND Bus
6	+5 V Bus Out
7	Not used
8	Line A
9	Not used



## POWER CONNECTOR

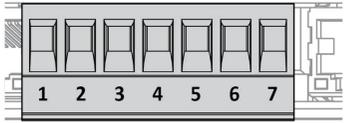
PIN	Description
1	12÷30 VDC Typical 160 mA @ 24 VDC Max 400 mA @ 12 VDC
2	Ground (GND)
3	Functional Earth (FE)



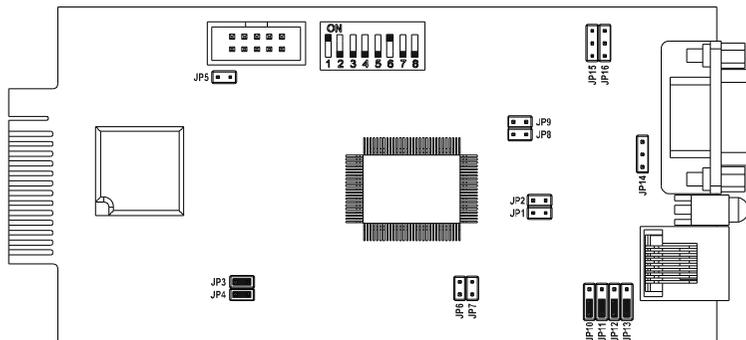
**Note:** no power supply is provided with the device.

## SERIAL CONNECTOR (X2)

PIN	Description
1	-
2	-
3	Functional Earth (FE)
4	Signal GND
5	RS485+ B
6	RS485- A
7	-

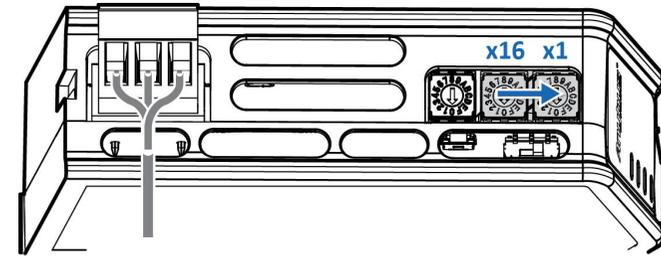


# MULTICOM 302 JUMPER AND DIP SWITCHES SETTINGS



# NODE ADDRESS SETTING ROTARY SWITCHES

To set a node address for the PROFIBUS server, use the rotary switches located on the top front of the PROFIBUS gateway.

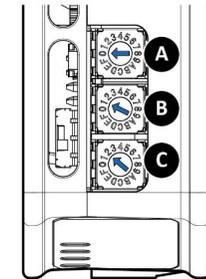


- The node address values are set in hexadecimal (hex).
- Supports PROFIBUS node addresses 0-126 Dec (0-7E Hex).
- The node address is read from the center rotary switch x16 to the front rotary switch x1.
- The rear rotary switch is not used, ensure that it is set to 0.
- Ensure that the PROFIBUS gateway is disconnected from power before changing the rotary switches position.

### Example

To set the node address 12 hex = 18 dec:

- The rear rotary switch A is not used, ensure that it is set to 0.
- Set the center rotary switch B to 1 hex.
- Set the front rotary switch C to 2 hex.



# STATUS LEDS

Led	Indication	Meaning
A - Gateway Status	Off	No power
	Green	Operational
	Green, flashing	Startup phase
B - PROFIBUS	Off	No data exchange
	Green	Operate, data exchange
	Green, flashing	Clear, data exchange
	Red	FATAL event
	Red, one flash	Parameterization error
C - Serial Subnetwork	Off	PROFIBUS configuration error
	Off	No power/Subnetwork not running
	Green	Running
4 - Security switch	Green, flashing	MultiCOM 302 not running or no connection between MultiCOM 302 and Gateway
	Off	No power/Security switch is unlocked
	Green	Security switch is locked

