The IC3251 module enables the establishment of serial communication or RS485 links in the **INGESYS™ IC3**. Different versions of this module offer from 1 to 3 ports in normal or extended operation range.
Each port is software-configurable in RS-232/RS-485 (half or full duplex) mode.

The IC3251 module is available in the following variants:

Reference	Description
IC3251AB	3 Serial Ports. Extended Temperature Range

Technical Features	IC3251AB
Functional	
Communications	RS232 / RS485 (Half and Full duplex)
Number of ports	3
Connection type	9-pin D-Sub Female
Physical medium	Copper
Maximum Transmission rate	RS-232 Up to 64Kbit/s cable length dependent RS485: Up to 500Kbit/s cable length dependent
Signals/Diagnosis	Yes
Transmission LEDs	Yes
Diagnostic LEDs	Yes
Electrical	
Power supply consumption	
3,3V	420mA (max.) / 400mA (typ.)
5,0V	-
Dissipated power	1,4W (max.)
Galvanic isolation	500Vdc between field signals and internal logic
Isolation technology	Using transformer
Mechanical	
Dimensions (WxHxD)	26mm x 175mm x 130,41mm
Weight	220g
Slot width	1 slot. IC3 / TSX
Climatic	
Operating Temperature	-40ºC to + 70ºC
Storage Temperature	-40ºC to + 85ºC
Relative Humidity	5% to 95% w/o condensing