



The IC3292 module performs the Wire Train Bus (WTB) protocol supporting the UIC protocol ("International Union of Railways), according UIC-556 Leaflet, in the **INGESYS™ IC3** controller.

Main features of this module:

- Copper DB9 connection
- Ground shield concept
- Redundant line (optional): Line A and Line B
- UIC protocol

The IC3292 module is available in the following variants:

Reference	Description
IC3292A	Wire Train Bus (WTB) module

Technical Features	IC3292A
<b>Functional</b>	
Communication Protocol	TCN – WTB
Line number	2
Connection type	2 x D-Sub with 9 pin (each line)
Physical medium	Shielded twisted pair
Transmission speed	1 Mbit/s
Hot Swap	Yes
Status Diagnosis Leds	-
<b>Electrical</b>	
<b>Power supply consumption</b>	
3,3V	210mA (max.) / 170mA (typ.)
5,0V	195mA (max.) w/o fritting / 160mA (typ.) 740mA (max.) with fritting / 630mA (typ.)
Dissipated Power	1.7 W (max.) w/o fritting 4.4 W (max.) with fritting
<b>Mechanical</b>	
Dimensions (WxHxD)	52mm x 175mm x 130,41mm
Weight	385g
Slot width	2 slot. IC3 / TSX
<b>Climatic</b>	
Operating Temperature	-40°C to + 70°C
Storage Temperature	-40°C to + 85°C
Relative Humidity	5% to 95% w/o condensing