



The Multi function Vehicle Bus (MVB) protocol is used for networks within a single vehicle.

Main Features of this module:

- Optical fibre connection (OGF medium)
- Redundant line (optional): Line A and Line B
- Bus Administrator capability

The IC3291 module is available in the following variants:

Reference	Description
IC3291	Multi function Vehicle Bus (MVB) module

Technical Features	IC3291
Functional	
Communication Protocol	TCN – MVB – OGF (Optic fibre)
Line number	2
Connection type	2 x ST (each line)
Physical medium	HCS Multimode 200µm (Optic fibre pair)
Max. transmission speed	1,5Mbit/s
Hot Swap	Yes
Status Diagnosis Leds	Yes
Electrical	
Power supply consumption	
3,3 V	500mA (max.) / 360mA (typ.)
5,0 V	195mA (max.) / 150mA (typ.)
Dissipated Power	2,7 W
Mechanical	
Dimensions (WxHxD)	26mm x 175mm x 130,41mm
Weight	225g
Slot width	1 slot. IC3 / TSX
Climatic	
Operating Temperature	-40°C to + 70°C
Storage Temperature	-40°C to + 85°C
Relative Humidity	5% to 95% w/o condensing