

VARAN Client Board VEB 013



The VEB 013 VARAN client board serves to simply expand all possible peripheral devices with the VARAN bus.

With help from the integrated splitter function, the devices are provided with two VARAN ports (VARAN In and VARAN Out). Operating temperature 0-70 °C (commercial grade).

Environmental Conditions

Storage temperature	-20 ... +85 °C	
Operating temperature	0-70 °C (according to component specifications) the operating temperature for the entire unit must be specifically defined for each application, as the operating conditions (mounting position, housing, heat sources in the vicinity of the VEB) are unknown.	
Humidity	0-95 %, non-condensing	
EMC stability	the EMC stability has to be tested separately in the complete system for each application.	
Shock resistance	EN 60068-2-27	150 m/s ²

Performance Data

Internal memory	serial 4-Mbit Flash
Interfaces	2x VARAN (Client In/Out) 1x periphery interface
Connection to periphery device	50-pin board-to-board plug connector (type ERNI Microstac, order Nr. 114713) 12-pin Board-to-Board plug connector (type ERNI Microstac, order Nr. 114712)

Electrical Requirements

Internal power supply (VDD)	typically +3.3 V DC (±4 %) (provided by the peripheral device)
Current consumption of voltage supply	minimum 200 mA (depending on the external circuit)

Article Number and Miscellaneous

Article number	16-081-013
Hardware version	1.x