

## Vehicle Control Unit (VCU) for Tramcar



*Vehicle Control Unit*

Vehicle Control Unit - **VCU** is the vehicle main control system responsible for:

- control
- measuring
- sequencing
- protection
- supervision
- communication tasks in the whole vehicle.

**VCU** is based on proprietary hardware and software solutions with the following characteristics.

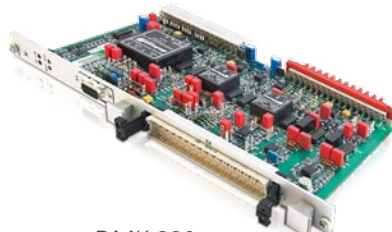
- completely redundant configuration - 2 channels
- communication with all distributed intelligent units in the vehicle through the main CAN communication channel
- additional CAN channel for communication with main drives
- communication with man-machine interface unit in the cab
- supports remote diagnostic function
- programming language, based on block-diagrams, facilitates the development of vehicle application program

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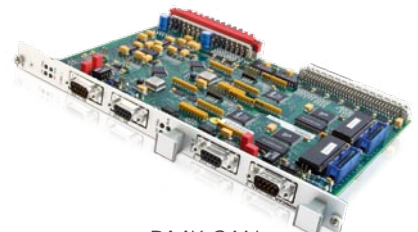
## VCU/TMK 2200 HARDWARE MODULES



DMK 102

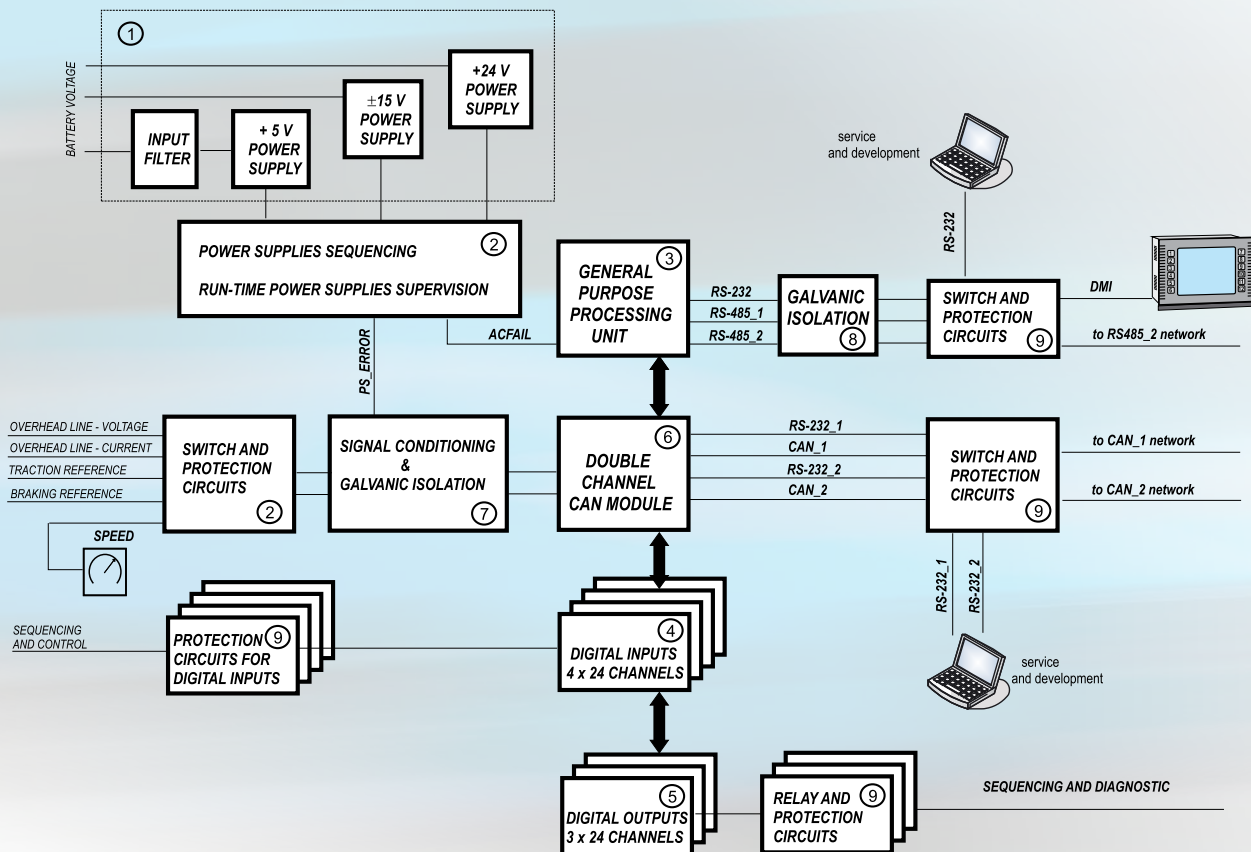


DMK 330



DMK CAN

## VCU/TMK 2200 BLOCK DIAGRAM (one channel)



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