

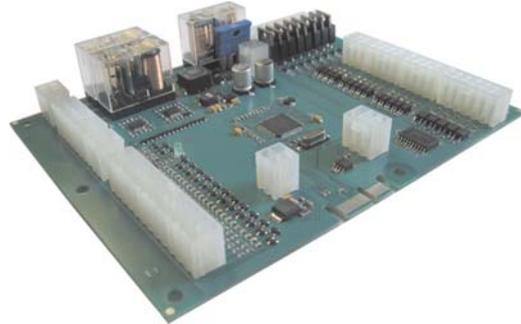


elektrosistem



SCS

MULTIFUNCTION CARD



Simply intelligent

SCS Multifunction Card is a universal product designed to control sophisticated applications including many devices. It can be used in all applications: for thermal, electric and hybrid vehicles.

A user-friendly configuration software makes the product completely customizable to adapt to all suggested solutions. A reliable trouble shooting system based on LED technology makes all service operations easy and rapid.

Flexibility

Many inputs and outputs guarantee the interfacing with many different devices that can be connected to the multifunction card:

22 digital inputs	Each input can be singularly programmed, max voltage to be applied is the supply voltage; in addition 4 digital inputs can be configured to acquire frequency signals (such as pulse pick-up).
5 analogue inputs	Extended configuration for all inputs, to acquire analogue signals such as 0-5VDC, 0-10VDC, 0-12VDC. 4 inputs can be used to control 4 5K potentiometers.
2 inputs for encoder	Supply voltage 12V.
1 RS 232 TL interface	It is used to configure some program parameters and update the firmware.
22 digital outputs	14 low current outputs (3mA), 8 high current outputs
5 analogue outputs	Isolated outputs, power supply 5V.
2 relays	Rated 10A

CAN technology

The increased complexity of 'vehicle systems' traditionally designed forced to the development of technology platforms featuring high standards in safety, reliability, intelligence, and rapidity.

CAN BUS technology guarantees many advantages, including:

- simple wiring,
- safety, reliability, and rapidity in data transmission,
- 'active' control of the vehicle system.

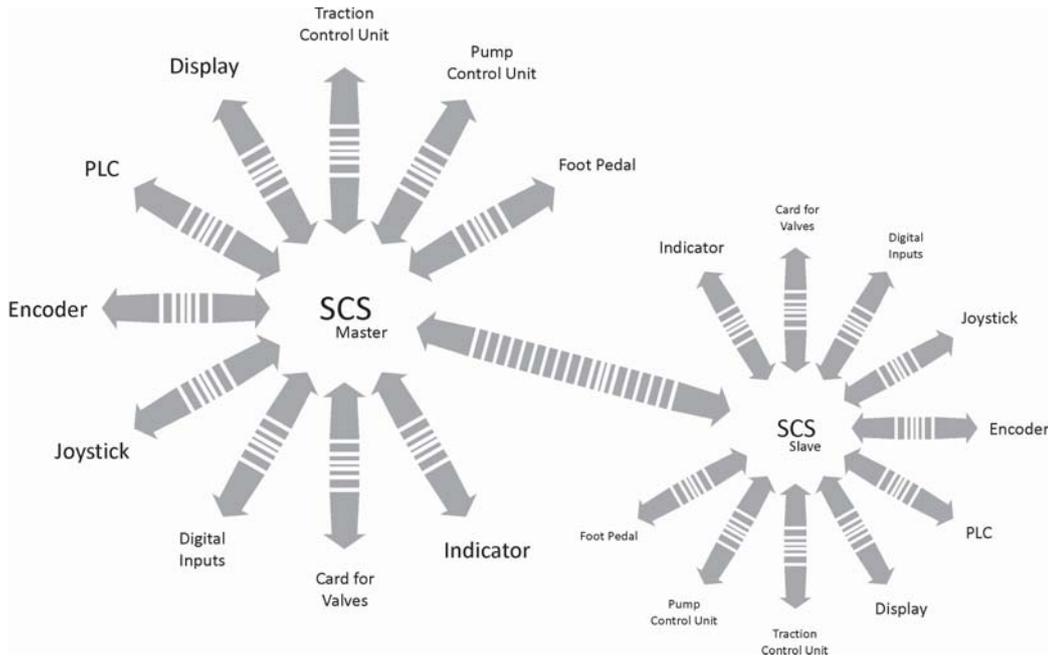
The card handles a communication line; all main communication protocols based on CAN BUS technology can be used including the CAN OPEN system.



TECHNICAL FEATURES

Supply voltage from 24VDC to 48VDC
Operating temperature from -40°C to +85°C
Integral fault detect LED
Output on the connector for the fault LED

FUNCTIONAL DIAGRAM



DIMENSIONS

