

Host controller with two CANopen safety ports

Epec (Finland) exhibited at Bauma 2019 its S-series functional safety platform. The host controller complies with SIL2 according to IEC 61508.



The SC52 controller provides two CAN ports, which can run CANopen safety, CANopen, or J1939 (Photo: Epec)

The SC52 safety controller has 14 safety inputs and 8 safety outputs. Via the CAN interface, additional CANopen safety, CANopen, or J1939 devices can be connected. The controller is programmable in Codesys Safety. The platform providing hardware, software, and pre-certified PLCopen (IEC 61131-3) application libraries meets SIL2 (IEC 61508) and PL-d (ISO 13849) requirements. The PLCopen application program memory has a capacity of 1 MiB. Since last year, the product is certified by German TÜV.

Additionally, the Finish company offers a broad range of CANopen products including displays and I/O modules. Devices supporting the CAN-based Isobus (ISO 11783 series) are available, as well. The Isobus implementation is certified.

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