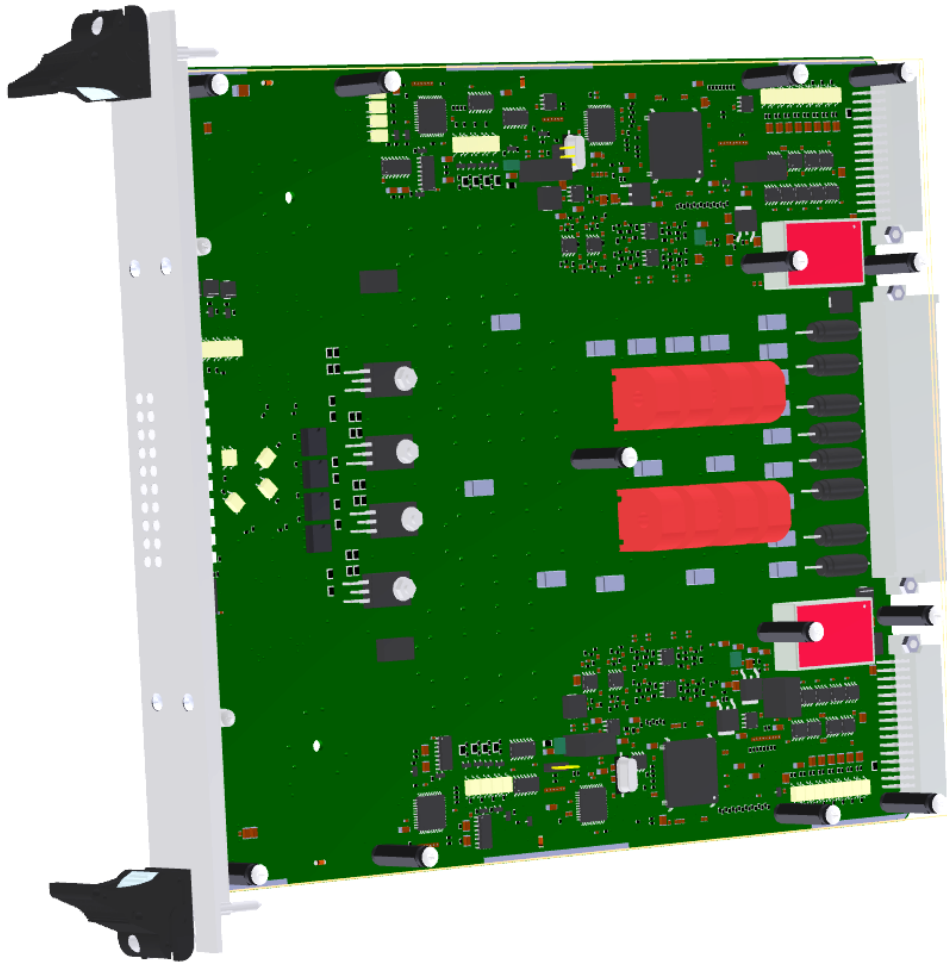




# X1-Swl 0x21

## SAFE MODULE

ID 30515



The card is designed for use in station systems and line railway traffic control systems, with particular emphasis on direct control of lights on railway signals and construction of relay interfaces to other systems. The connection system has four electronic keys with current measurement. It enables the development of the railway signal connection system together with the implementation of flashing.



**BASIC PARAMETERS:**

**Operating temperature range:** -10°C to +70°C  
-40°C to +85°C (optionally)

**Relative Humidity:** to 95%

**BUS CONNECTOR INTERFACES:**

**Power supply:** 24VDC  $\pm$ 20% / 1.2 A  
4 NO contacts, 4 NC contacts, 2 electronic keys switched at 0 nodes; typical current 400mA / 130V AC / cos 0.6; maximum measuring current 0.99A; typical operating voltage 110 to 145V AC; maximum operating voltage 250 V AC

**Outputs:**

**Inputs:** X1 bus: data transmission; IN synchronization; OUT synchronization; diagnostic transmission

**CONNECTOR INTERFACES ON THE FRONT PANEL:**

**LEDs:** Logic power supply and life indicator  
I / O status

**GALVANIC ISOLATION:**

object / logic supply at 3kV DC level

**SOFTWARE:**

Integrated

**POSSIBLE MANUFACTURING OPTIONS:**

Conformal coating

**DIMENSIONS:**

Card dimensions: double Eurocard 6U 233x160 mm  
Front panel width: 6TE (30 mm)  
Weight: ca. 950g

