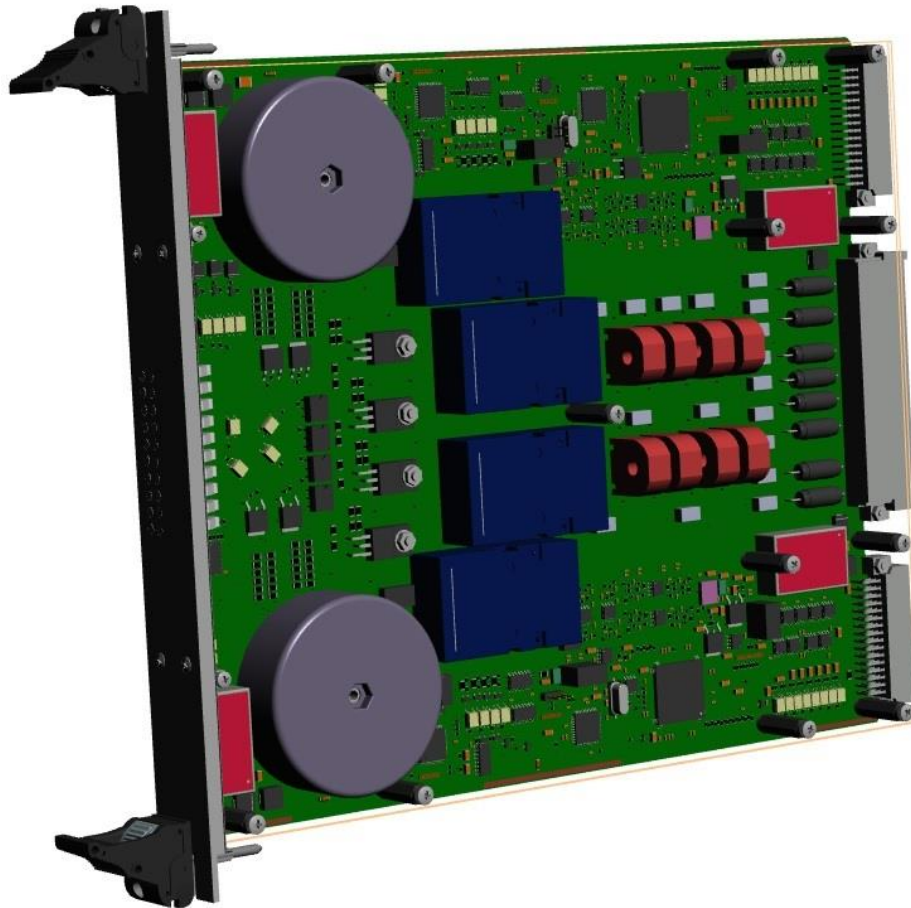




X1-Swl 0x33

SAFE MODULE

ID 30523



The card is designed to control the light circuit of a railway signal. It has two independent controlling channels. The module's connection system allows for the complete operation of a single railway signal with 6 chambers. The railway signal can have a maximum of four circuits of movement authority lights (more chambers require cooperation with an additional card) with the possibility of flashing and measuring the current. Red light circuit with current measurement and white light circuit with the possibility of flashing and current measurement. It is intended for use in station systems and line railway traffic control systems, with particular emphasis on direct control of lights on railway signals. It is possible to cooperate with incandescent light source as well as LED semiconductor type LST-5R-L.



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 ±20% / 1.2 A
4 NO contacts, 4 NC contacts, 2 electronic keys switched at 0 nodes; typical current 400mA / 130V AC

Outputs: / cos 0.6; maximum measuring current 0.99A; typical operating voltage 110 to 145V AC; maximum operating voltage 250 V AC

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 / system supply at 3kV DC
system channel A / channel B 3kV DC

SOFTWARE:

Integrated

POSSIBLE MANUFACTURING OPTIONS:

Conformal coating

DIMENSIONS:

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

