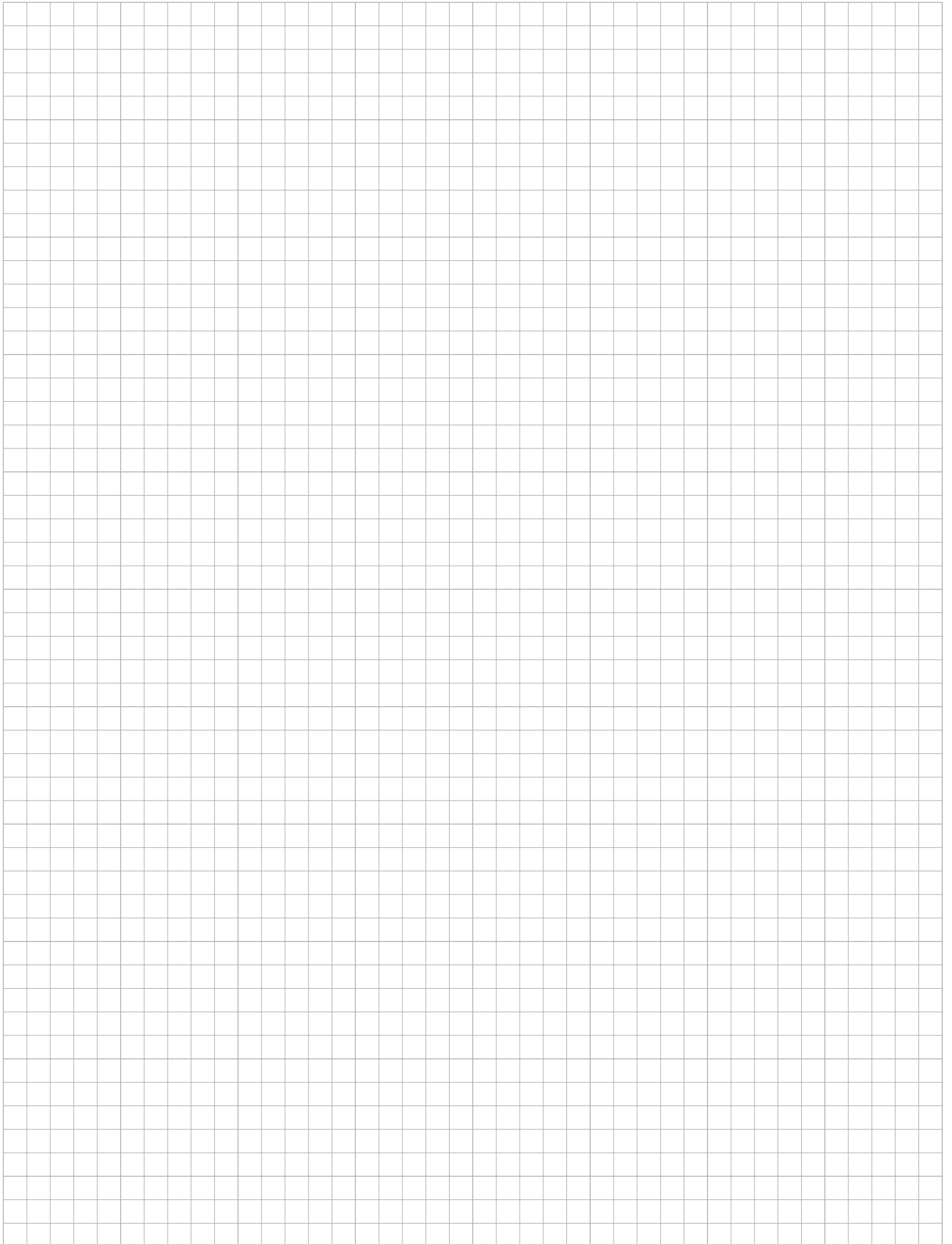


## **Devices for Railway companies**

Spar's distributions boards

H 1

# Notes



## Definition

Spar's distributions boards SŽRP used to feed lamps of railway lighting spars JŽ 12 or JŽ 14. They are made for embedded mounting in present spars, immune towards external ambient conditions and operating effects on railway. They work for a certainty in ambient, where is ambient temperature -25 °C up to +40 °C, by relative atmospheric humidity 100 % by temperature 20 °C in altitude up to 1000 m. Body and cover are made from long-lived plastic. Distributions boards satisfactory for cover with doubled isolation.

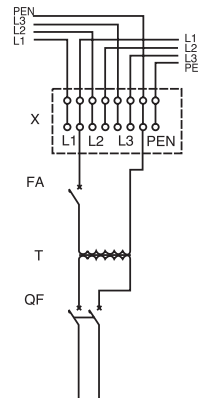
## SŽRP-TR

The following devices and equipment are situated in the internal part of the panel:

- RS 25 Y terminal board
  - ITT 500 – P1 isolating transformer, STN EN 61 558 – 2 – 4
- The primary winding: 230 V, 50 Hz, protection: PR 61 D4,  
Secondary winding: 230 V

- PR 62 M3 two pole circuit breaker
- PR 61 D4 one pole circuit breaker

Wiring of all equipment and devices is provided by means of the CYA 2,5 mm<sup>2</sup> conductor.

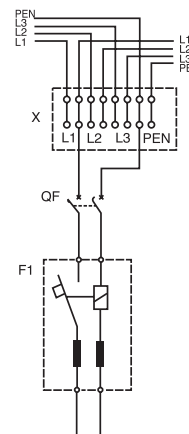


## SŽRP-PCHB

The following devices and equipment are situated in the internal part of the panel:

- RS 25 Y terminal board
- PCHB 2 16/0,3 current protective switch
- PR 61 M3 + N one pole circuit breaker

Wiring of all equipment and devices is provided by means of the CYA 2,5 mm<sup>2</sup> conductor.

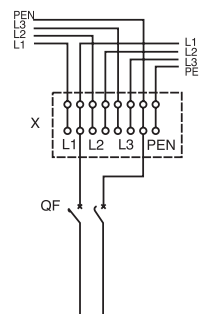


## SŽRP

The following devices and equipment are situated in the internal part of the panel:

- RS 25 Y terminal board
- PR 61 M3 + N one pole circuit breaker

Wiring of all equipment and devices is provided by means of the CYA 2,5 mm<sup>2</sup> conductor.



## Description

The panel consists of the box and cover, both made of plastic. The cover is fitted to the box by means of two locks that are controlled by a special squared key. The bottom part of the box is equipped with four mounting holes aimed at fastening the panel to the pylon. An opening situated in the upper part of the panel serves for power supply led to the illuminant. An insulating wall is situated in the lower part of the box and there are two TVM 36 fixed insulating seal inlets that are aimed at inlet of wires. In case of wire inlet made by means of cable terminations, this insulation wall shall be eliminated during assembly works. The pole-mounted panel is in compliance with requirements for the protection ensured by a full insulation against contacts with non-live parts in accordance with the STN EN 60 439 – 1 standard.

Rated voltage $U_e$		Reted insulated voltage $U_i$		Rated curenrs $I_n$		Max. power of lamp $P_{max}$
input	output	input	output	input	output	
400 V~	230 V~	400 V~	230 V~	20 A	2 A	430 W

Short-circuit breaking capacity $I_{cw}$	Rated frequency	Type of electric junction	Degree of protection	Category of protection	Weigh	Standards
10 kA	50 Hz	F, F	IP43	□	8,5 kg	STN EN 60 439-1

## Dimensional drawing

