

LED SEMICONDUCTOR INFORMATION DEVICE СПИУ7А-8К, 8Ж, 4L

СПИУ7А-8К 8Ж 4L - Led information of the semiconductor device

Led semiconductor information device **СПИУ7А-8К 8Ж 4L** further, the lighting made the red yellow green glow. Structurally, the printed circuit Board with soldered on it led emitters mounted in a plastic reflector. To the PCB soldered two wires in the insulation.

The use of this class of led emitters is focused on **the replacement of incandescent bulbs used in block shields of nuclear power plants on power on control panels and dashboards.**

In comparison with the traditionally used incandescent lamps led illumination , SPIO have a longer service life of 50,000 hours versus 3,000 for incandescent lamps and low temperature.

Operating temperature range from - 10° to + 55° C.

Led semiconductor information devices retain the performance when changing the supply voltage in the range from -15% to + 10% from the nominal value.

The use of led scoreboard allows

- increase the service life of lighting fittings control panels
- to reduce the consumed means of displaying information, the power from batteries or rectifier unit in order
- remove the problem of shortage of filament lamps to increase the reliability
- provide sufficient brightness of screen characters illumination differ in the number of installed led emitters
- 8K - 8 red LEDs
- 8Ж - 8 yellow LEDs
- 4L - 4 green LEDs.

Table of parameters and technical characteristics of the manufacture of **led semiconductor devices, information SPI**

Link to article:: [LED SEMICONDUCTOR INFORMATION DEVICE СПИУ7А-8К, 8Ж, 4L](#)