

Product Description:

BKS20 is a red signal tail lamp, which is designed as outer lighting of rail vehicles. It uses SMD LEDs with high luminosity as the source of light in order to comply with the requirements as per ČSN EN 15153-1.

The light contains LED malfunction diagnostics.

The advantage of BKS20 lies in significantly improved utility properties compared to classic light bulb- or halogen lamp-based lighting – high reliability, longer service life, lower costs of operation and maintenance and thus also higher safety in the use of the railway vehicle. BKS20 can be used on new railway vehicles as well as a full replacement for existing light bulb lighting.



Technical Parameters:

Type designation	BKS20
Supply voltage	16.8 – 30 V DC
Input power	2.5 W
No. of LEDs (red)	24
Construction in accordance with	ČSN EN 50155, ČSN EN 15153-1
Ambient temperature	OT2
Ambient storage temperature	-40°C - +70°C
Humidity	According to ČSN EN 50155
Impacts and vibrations	Category 1, class A
Supply voltage tolerance	0.7 Un to 1.25 Un, supply voltage interruption S1
Insulation resistance	According to ČSN EN 50155
Electric strength	Between live sections and frame 500 V
Climatic resistance	According to ČSN EN 50155
Enclosure	IP65
Mounting position	Vertical, cable bushing facing the ground
Dimensions	Ø165 x 51 mm
Weight	0.8 kg

Quality of manufacturing is guaranteed by the observance of procedures for quality management in accordance with ČSN EN ISO 9001:2010.