

RCS 100 FSS RLS 100 FSS

LED Signal for
Railway Crossings

- **RCS 100FSS and RLS 100 FSS** have been developed for railway crossings as a warning signal for the trains. These maintenance free signals are equipped with two reliable LED units: RCS 100 FSS with 2 white and RLS 100 FSS with 1 red and 1 white LED units
- The signal is easy to customize and can be modified to different market needs
- Low maintenance cost because of robust enclosure and the long lifetime of the LEDs
- The enclosure is equipped with two 24 VDC signal units; as standard products there is a version with 2 white LED units and another version with 1 red + 1 white LED units available, but also other signal colours can be supplied
- Self monitoring with 2 optoisolated outputs giving the feedback that LEDs are OK and the signal unit is turned on
- Two level luminous intensity for day and night mode



Main Technical Specification

Visual lens size	100 mm
Lens material	Polycarbonate
Light source	LEDs (Light Emitting Diodes)
Luminous intensity day	600 - 1000 cd
Luminous intensity night	100 - 200 cd
Luminous divergence	7 ° @ 50 % (±1 °) and 14 ° @ 10 % (±2 °) of top intensity
Supply Voltage	20 - 30 VDC, nominal voltage 24 VDC
Power Consumption Day	6 W - 10 W
Power Consumption Night	2,5 - 4 W
Temperature range	-40 ° - +40 °
Control outputs	2 optoisolated inputs : On/Off and Day/Night
Control inputs	2 optoisolated outputs: LEDs OK and Unit On
Protection class	IP 56
Weight	13 kg

Product

Railway crossing signal for trains

RCS 100 FSS 2 x white

Railway locking signal for trains

RLS 100 FSS red, white

Separate signal units with 24 VDC interface

RO 100W white

RO 100R red

