

FALKON

FALKON – A linear warning barrier with integrated acoustic & optical warning devices

Definition

The FALKON system offers optimised lineside protection due to the combination of ATWS warning and a fencing barrier.

This barrier simultaneously prevents the personnel from entering the open line and automatically warns them of an approaching train via the integrated linear acoustic and optical warning devices.

Operating Mode

- Combined with barrier fencing on high speed lines
- Defining staff crossing points
- Opposite access points to prevent night-time vehicular fouling of the line
- ATWS use in residential areas, where the homogeneous sound field allows the avoidance of high sound levels



Key Benefits

The FALKON module has the following characteristics:

Innovative barrier warning system

Optimised protection for all workers via combining the safe ATWS warning with a rigid barrier

No ground based cable on the work site

No cable reduction boxes so minimises treadle cables

Suitable for high speed lines

Resident friendly as there are no high sound levels

Easy handling

Functionality

- Installation of the FALKON barrier system along the track
- Installation of the Autoprowa® ATWS system alongside the line
- Automatic train detection via treadles
- Cables connected through the FALKON wiring for transmission of train detection to the SSE control unit and on to the FALKON control unit
- Linear acoustic and optical warning

Components

- FALKON linear warning barrier
- FALKON control unit

Technical Data

- IP Protection Class: IP65
- Sound Level: 94-110 dB(A)
With variable output-Autoprowa® Effect
- Voltage: DC 24 V / DC 48 V
- Dimensions WGF: (mm)
2000 x 115 x 60

