



KPS – TOGGLE MOUNTING SET

- Simple installation
- Universal application
- Lightweight
- Minimum maintenance requirements
- High railway environment resistance

General Description

The toggle mounting set for the electromechanical point machine is used to mount the point machine to point or derailer.

The toggle mounting set allows angular, longitudinal and transversal control of electromechanical point machine setting during installation to the superstructure. During passage of a train it does not transmit any

rail vertical motions (vibrations and shocks) and significantly contributes to the extension of the electromechanical point machine service life.

Basic Technical Description

The toggle mounting set includes two toggle connecting rods with adjustable ends and mounting strip.

The toggle mounting set is mounted to the flange of a rail by clamping



plate and hook screws. This enables to mount the set to all rails of a standard design (UIC 60, UIC 54, R 65, S 49, T and A).

The electromechanical point machine housing is mounted to the set by two sliding stirrups which are part of the EP 600 electromechanical point machine. The connection between the clamping plate and the bolt of the connecting rod is fully insulated.



DERAILER

- Easy installation and adjustment
- Universality of use for all types of railway superstructures
- Long lifetime
- Minimum maintenance requirements
- High resistance against railway environment impacts

General Description

A derailer forms a direct flank protection by derailing a railway vehicle in places where is no side protection point.

The derailer is installed by clamping jaws on the flange of rail. It is preferably manufactured for rails of the following superstructures S 49, R 65 and UIC 60. The left derailer derails to the left (in the movement direction), the right derailer to the right (in the movement direction).

Basic Technical Description

The derailer can be equipped by a special signal indicating the derailer position on the rail or outside the rail. The signal can be situated on the derailer side or on the oppo-

site side of the derailer.

The derailer can be operated manually or by the electromotive point machine EP 681.2. The electromotive point machine can be installed on the derailer side or on the opposite side.

The electromotive point machine and the signal are mounted to the rail by the toggle mounting set.

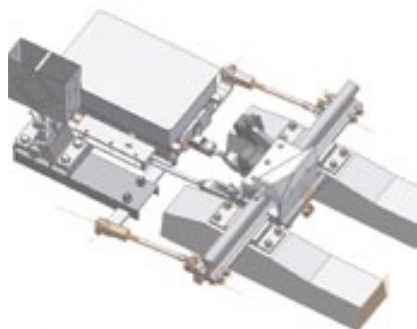
For installation of electromotive point machine and signal on the same side a common mounting set is used.



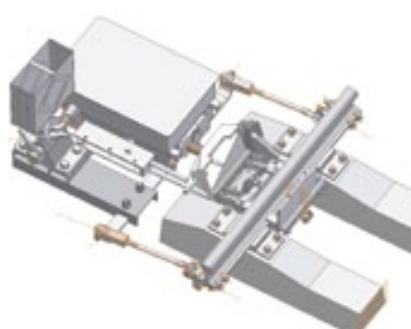
Derailer effective position

The derailer can be equipped by a padlock for locking in the position on the rail and outside the rail. Padlocks can be single or checking. Derailers are equipped according to the need – manual or complete, with or without fittings.

Against the unauthorised dismantling derailer is equipped by the locking square with the screw lock for the pentagonal key.



Derailer non-effective position



Derailer effective position