
Subject: Re: Definition of Actuators (Point machines) for switches, crossings and deraillers

Posted by [Jörg von Lingen](#) on Tue, 14 Jun 2022 12:05:29 GMT

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Just as information:

In interlocking domain one can specify the number of actuators for switch blades and for frog. This is just in relation to the power supply of the signalBox which limits the number of concurrently activated actuators (current limitation).

```
<rail3:switchIL numberOfBladeSwitchActuators="1"
numberOfFrogSwitchActuators="0" ..>
```

```
<rail3:powerSupplyIL numberOfSimultaneousSwitchingActuators="1" ..>
```

Any further details like model of actuator, mounting position etc. does not matter in interlocking domain.

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On 14.06.2022 11:01, Christian Rahmig wrote:

> Dear Georg,

>

> actuators for switches and switch frogs indeed have an
> infrastructure and interlocking dimension. The question is:
> how detailed shall the model of an actuator be? Apart from
> name and position, which information for an actuator do you
> want to have modelled?

>

> As usual, any comment from the railML community is highly

> appreciated...

>

> Best regards

> Christian
