



# UNISTAR HR COMPACT

## Electro-hydraulic Point Machine for Freight, Urban and Mixed Traffic

### Description

The electro-hydraulic UNISTAR HR COMPACT has drive, locking and setting mechanisms in one housing.

With the help of the short and robust connection parts the power transmission to the points takes place. Integrated pressure heads positively close the adjoining tongue against the stock rail.

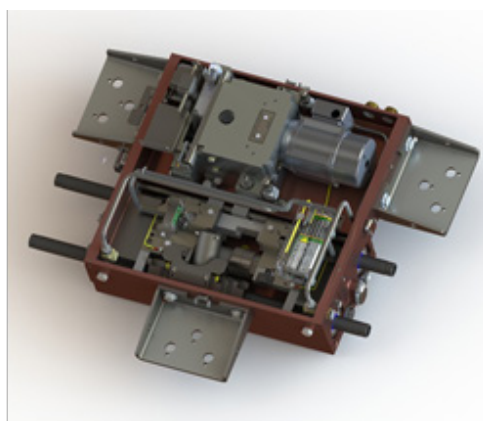
The UNISTAR HR series also includes:

- » UNISTAR HR
- » UNISTAR HR EM
- » UNISTAR HR NG

Worldwide under various environmental and operational conditions, the UNISTAR HR family proves market leading quality and reliability.

### System advantages

- » Drive and locking unit are installed in a compact enclosure
- » One drive unit controls up to three setting levels
- » For narrow gauge
- » Only one interface to interlocking system even with several setting levels
- » Visible internal locking device
- » Adaptable to all interlocking systems
- » Utmost flexible for installation incl. installation on top of concrete sleepers
- » The UNISTAR HR COMPACT is already installed in over 500 turnouts



## FEATURES UNISTAR HR COMPACT:

### Technical Data:

Item	Value
Safety level	SIL4 according to CENELEC
Umgebungsbedingungen	temperature -40 to +80°C, Solar Radiation tested with 1120 W/m <sup>2</sup> , humidity up to 95 %
Protection class	IP54
Weight	approx. 145 kg
Throw	60 - 220 mm, adjustable
Throw time	2 - 5 seconds
Throw force	up to 5 kN
Motor voltage	24 - 750 V AC or DC
Locking device	Internal interlocking prism lock