

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.

The connecting rods compensate for thermal expansion and contraction of the switch points without affecting the end position adjustments. Integrated pressure heads positively close the adjoining tongue against the stock rail.

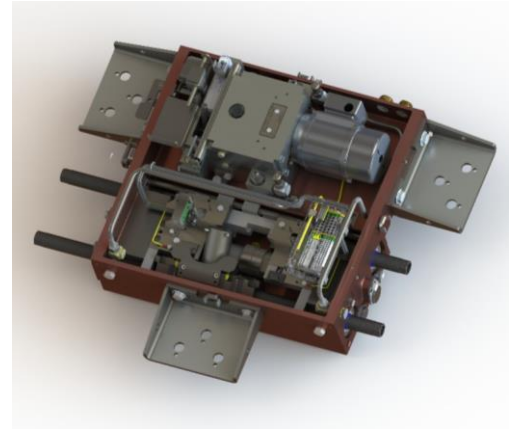
The UNISTAR HR series also includes:

- » 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. All family members offer watertight and dust-tight boxes certified according to IP67.

System Benefits

- » 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
- » UNISTAR HR compact is already installed in over 500 turnouts



FEATURES UNISTAR HR COMPACT:

Technical Data:

Item	Value
Safety level	SIL4 gemäß DIN EN 50126, 50128 and 50129
Umgebungsbedingungen	temperature -40 to +80°C, Solar Radiation tested with 1120 W/m ² , humidity up to 95 %
Protection class	IP67
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