



UNISTAR HR NG

Electromechanical Point Machine for Freight, Urban and Mixed Traffic

Description

The electromechanical UNISTAR HR NG is applicable for all gauges starting with 900 mm. Due to its very compact design the locking unit can be installed between the gauges. The weight of the entire setting unit including the internal lock is approx. 75 kg

The connecting rods compensate for thermal expansion and contraction of the switch points without affecting the end position adjustments. The motor voltage is adjustable from 110 to 550 V AC or DC and the setting force can be adjusted up to 8 000 N.

UNISTAR HR NG is the newest member of the UNISTAR HR series which also includes:

- » UNISTAR HR
- » UNISTAR HR EM
- » UNISTAR HR COMPACT



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 advantages

- » Durable watertight and dust tight box, according to IP67
- » No space outside the track required
- » No interference with walkways
- » Extremely low profile – 168 mm constructional height only
- » Safe and reliable, designed according to SIL4
- » Locking parts visible, made of special steel
- » Easy access to end position contacts
- » Easily installed
- » Low maintenance, low wear and tear, low noise emission
- » Compensation of thermal expansion of tongues
- » Electronic detection, therefore no coupling necessary



FEATURES UNISTAR HR NG:

Technical Data

Item	Value
Installation	Track center
Turnout type	T-rail and grooved rail turnout
Track gauge	Starting with 900 mm
Throw	34 - 160 mm
Setting time	2 - 4 seconds
Setting force	Adjustable up to 8 kN
Motor voltage	110 - 550 V AC and DC
Dimensions	577 x 390 x 168 mm
Weight	Approx. 75 kg
Locking system	Internal interlocking prism lock
Protection class	IP67