



## TRAMWAY CROSSING

# KUDISC



The KUDISC crossing is an update of the KUMAX crossing and has been developed for use on tramways. The compact design allows for a **simple and fast assembly**. The contact wires are not cut and **no special assembly tools** are required. Due to the continuous angle adjustment, the crossing can compensate for the

assembly tolerances. For ideal use in the conversion of existing crossings. The contact wire is suspended at the crossing between the crossing divider and the moving sliding rolls, i.e. the KUDISC does not act as fixed point and covers the different requirements of the contact wire systems

of fixed and retightened designs. In its function as crossing for tramways, KUDISC allows for a **silent crossing** of the pantograph. Due to the large support surface on which the pantograph is running, the **material wear and tear is kept low** during the crossings.

–60%  
REDUCTION IN  
INSTALLATION COST

+80%  
Service life



Kummler+Matter

# KUDISC TRAMWAY CROSSING

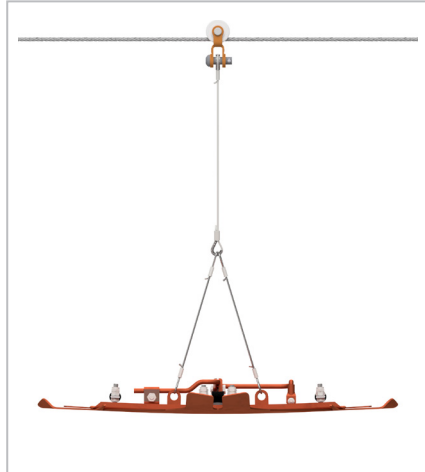
Part no. B1303-01

KUDISC can be suspended by the two suspension lugs for use in fixed or retightened systems. Due to the low own weight, KUDISC also can be assembled without suspension.

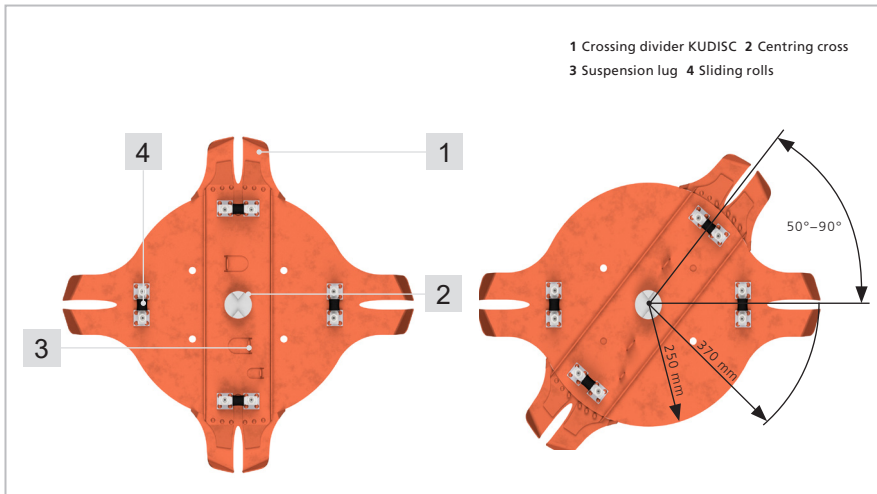
For further recommendations see our assembly instructions. The suspension must be ordered separately to the KUDISC.



On the cross span  
(steel or synthetic rope)



On the messenger cable



## YOUR ADVANTAGES AT A GLANCE

- ✓ -60% Reduction in installation cost
- ✓ +80% Service life

- ✓ Continuous setting between 50° and 90°
- ✓ Shock-resistant
- ✓ All components are made of corrosion resistant materials
- ✓ Suitable for all types of pantographs

## SPECIFICATIONS

- ✓ Material: Copper
- ✓ Weight: 10.5 kg
- ✓ Height: 80 mm
- ✓ Power connector: Copper 50 mm<sup>2</sup>
- ✓ Speed: max. 40 km/h
- ✓ Contact wire cross-section up to 178 mm<sup>2</sup> (350 MCM)

## TESTS AND STANDARDS

- ✓ EN 50119

Kummler+Matter Ltd.  
Rietstrasse 14  
8108 Dällikon  
Switzerland

+41 44 247 47 47  
info@kummlermatter.ch  
kummlermatter.ch



FOR YOUR OVERHEAD CONTACT LINES