



Energy & Data Transmission Solutions for Transit Applications

Reliable Energy for Tomorrow's Mobility



Transit keeps cities moving.

Conductix-Wampfler is an industry leader in sustainable and robust electrification solutions – from the tracks to the depot.

- Traction and auxiliary power along the route and at the depot
- High availability and durability
- Proven solutions for new and existing networks
- Comprehensive project support (from engineering to lifecycle services)

Available systems for Monorail, 3rd Rail, People Mover (APM), Stinger, Rigid catenary and Retractable catenary.



Why Conductix-Wampfler for Transit?

- Robust and proven in demanding environments (tunnels, bridges, open-air settings, high traffic volumes)
- Sustainability: Efficient power transmission and long service life
- Backward-compatible modernization (third rail, rigid overhead lines)
- Maintenance-friendly depot solutions (retractable overhead lines, stinger systems)
- Complete solutions from design to commissioning



Non-Insulated Transit Rails

for Metros, Subways, Heavy Rail, and LRT Systems

Welded Cap or **Crimped Cap Rails** for Third and Fourth Rail Systems - High-current traction power delivery in an efficient and durable stainless-steel capped aluminum design represents state-of-the-art technology. They are backward compatible with many legacy conductor systems. Engineered components—splices, ramps/end approaches, anchors, expansion joints, insulators, brackets, and coverboard—improve safety, durability, and lifecycle cost while advancing sustainable operations.

Welded Cap Rail - 4500 A

Crimped Cap Rail - 1200 A

Crimped Cap Rail - 4500 A



Overhead Catenary Systems

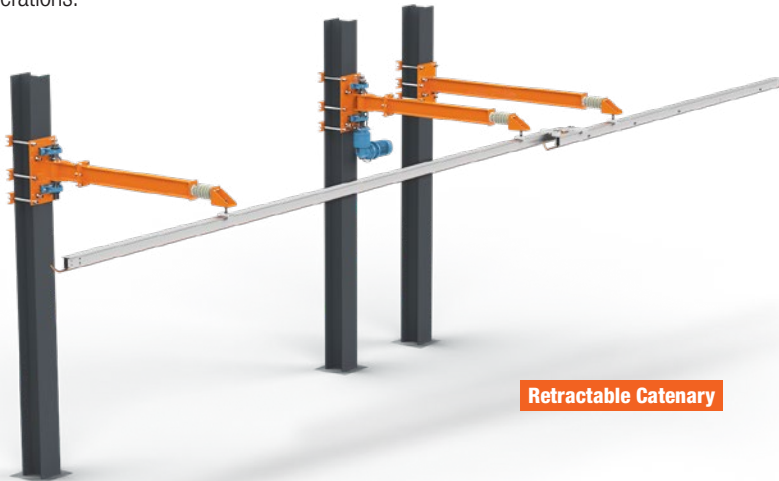
for Tunnels, Bridges, and Depots



Rigid Overhead Catenary

Rigid Overhead Catenary (ROCS) – Robust rigid bar solution for tunnels, bridges, stations, and low-clearance segments. Delivers stable contact geometry, smooth interface with flexible OCS, and reduced maintenance for long-term reliability on high-duty corridors.

Retractable Catenary – Robust, rigid overhead catenary line for depot/workshop that can be retracted for safe roof-level access and traction power work on rolling stock. Interlocked controls support lockout/tagout, enhance maintenance facility safety, and reduce the turnaround time for maintenance operations.



Retractable Catenary



Single-pole Insulated Conductor Rails

for Automated People Movers

As a global supplier for over 5 decades with an installed base of over 3000 km of APM **Conductor Rail**, Conductix-Wampfler has a proven solution for every application. From rope pulled systems requiring low power to high capacity APMs, our complete range of solutions ensures you have the most reliable and cost-effective technology.



SinglePowerLine 0813

Safe, Moveable Stingers

for Depots and Maintenance Facilities



Stinger Systems (ShoreSafe)

– Moveable overhead trolleys supply plug-in power for rolling stock in depots and maintenance facilities. Traction and auxiliary power are provided without the need for OCS or third rail. Safe, quick-connect stingers are interlocked to prevent connection and disconnection under power. Optimized cable management improves train movement and workflow efficiency.

www.conductix.com

Conductix-Wampfler has just one critical mission:
To provide you with energy and data transmission
systems that will keep your operations up and
running 24/7/365.

To contact your nearest sales office, please refer to:
www.conductix.contact

