



Steady Arm Assembly

ADAPTABLE RAILWAY CANTILEVER SYSTEM (ARCAS)

When it comes to overhead electrification systems, customers place a great deal of importance on reliability, compatibility and ease of replacement.

Furthermore, today's requirements — such as higher transport capacities, shorter frequencies and cost-effective maintenance — result in increased demands on the current supply and overhead contact lines. MAC Products offers a system that meets all these criteria.



MAC PRODUCTS



Anchoring System for Attaching Steady Arm to Pole



Porcelain and Synthetic Insulators



Assembly of Insulators to Mast

Through a partnership and manufacturing agreement with Kummler + Matter of Zurich, Switzerland, MAC is pleased to offer the Adaptable Railway Cantilever System (ARCAS) for light rail, tram, electric trolley bus, streetcar and commuter railway systems to customers in the U.S. and Canada.

ARCAS is a modular system consisting of multi-functional components. This modularity, together with the system's compatibility with existing products, makes it easy for customers to implement conversions to their overhead electrification systems using ARCAS.

The ARCAS system is based on tubular sections and just a few standardized connection components. A wide range of tube types — including aluminum, stainless steel, hot-dip galvanized steel and synthetic material — are available in various diameters. With few exceptions, the same connection components can be used, regardless of tube material and diameter.

ARCAS also is distinguished by its ability to provide assistance for efficient planning, which means an economic overhead contact line system at low cost to the customer.

Whether you require a light-weight contact line for an urban rapid transit system ... an installation with large copper cross sections for heavy direct current operation up to 3 kV ... or an alternating current rapid transit system up to 25 kV, the ARCAS system offers you the right solution.