Cable Auto Plug-In for E-RTGs

CONDUCTIX wampfler
With its fully automated cable plug-in, CAP enables block changes without any ground staff and thus contributes to an efficient, flexible and safe port.

Furthermore CAP impresses with its very compact, light and integrated design.

Its integrated data transmission, diagnostic and monitoring systems as well as advanced safety devices mark CAP as a big step towards complete automation.
Fully automated cable plug-in with CAP enables:

- Increased Efficiency due to shorter plug-in/-out process
- Increased Flexibility due to faster lane changes
- Increased Safety as no staff (on yard) is required
- Handling up to 3 cranes with only one ground installation

Maximize Your Uptime & Productivity

Facts & Figures
Your Benefits per block change

<table>
<thead>
<tr>
<th>Required Staff</th>
<th>Plug-In &amp; -Out Time / Downtime</th>
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<tr>
<td>Manual Plug-In</td>
<td>2 People</td>
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<td>CAP</td>
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Ground Installation

Automatic socket port selection
Cable strain relief integrated into plug and socket
Up to 3 E-RTGs connectable per station
Measures single side: 1900 mm x 1000 mm
Measures back to back: 2400 mm x 2000 mm

Minimal space requirement on yard

Positioning

Pick up

Plug-in

*tolerance compensation
Technical Features

- Fully automated plug-in in less than 2 min
- High data rate via fiber optics
- Data transfer with contactless solution for durability and process safety
- Lifetime of plug: up to 50,000 plug-in/-out cycles
- Pilot contact and additional locking devices in plug for highest safety
- Protection class of plug and sockets: IP56

Crane Installation

- Fully integrated into the cable guiding device
- Control logic integrated in crane PLC
- No additional control box on crane

Easy crane integration

Operation
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.

We add the „E“ to your RTG!

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