



Reference

E-RTG™ Container Crane

Motorized Cable Reel „Sprinter“



Installation description
E-RTG™ Container Crane

Country | City | Project installation date
Panama | Colon | January 2009

Representative office
Conductix-Wampfler AG [D]

Operator
Manzanillo International Terminal [MIT]

Technical requirement[s]
Electrification of 2 RTG Cranes [E-RTG™]

- Product[s]**
- Motorized Cable Reel „Sprinter“ [ES2050] (monospiral winding) for energy and data transmission (LWL)
 - Cable Guide „UV1003P-RTG“
 - ABB control with Profibus interface

Cable
W-9 6/10 kV 3x35+25/2+12F0(62,5/125µm)

Winding length
300 m

Power feed
Center feed

- Mounting height[s]**
- 5 m Motorized Cable Reel
 - 1,5 m Cable Guide

- Drive unit**
- Frequency controlled drive unit of the Motorized Cable Reel
 - Control realized with ABB components with Profibus interface

System course
Straight

Travel distance [Load]
600 m per block

Travel speed [Load]
135 m/min

Max. Acceleration [Load]
0,28 m/s²

Environmental condition[s]
Container terminal [sea air]

Additional information
Specially designed Cable Guide for RTGs: UV1003P-RTG