



Collecting
power to drive
your innovation



3RCC

3rd Rail Current Collector



**Adaptable design to fit collector
devices for metro and trams**

The 3RCC powertransmissions
designed for minimum dynamic
mass and friction for various
speeds and applications.

- Continuous power collection
- Retractable from the 3rd rail
- Modular actuation systems



CUSTOMER BENEFITS:

- + Modular and adapted to any metro and tram vehicle
- + Plug and play for lower installation costs
- + Reduced costs of operation due to maintenance free bearings and pneumatic cylinders
- + Predetermined breaking with defined point fracture energy

Prototype



Ready to quote



Ready to produce



In production



Available actuation systems

- Manually actuated
- Pneumatically actuated
- Electrically actuated

Pneumatic systems can also be actuated with insulated hand levers using the emergency function.

The deployment and retraction to the conductor rail and attachment of the current collector is able to be controlled or initiated centrally from the driver's cabin.

Compliant to several fire protection regulations

3RCC data	
Voltage	700 V (DC) – 1500 V (DC)
U _{max}	900 V (DC)
Contact pressure	up to 130 N +/- 10 N
Vertical adjustment	30 – 80 mm
Pneumatic actuating range	5 – 12 bar



Accessories and safety components

Supplementary to our 3rd rail current collectors, we also supply optional accessories and safety components:

- Short-circuit terminals
- Fuse box
- Connection terminals
- Hand lever
- Protective covers
- Stinger Systems

To discover everything about 3RCC, contact

STEMMANN-TECHNIK GmbH
Niedersachsenstraße 2, 48465 Schüttorf, Germany
www.stemmann.com | www.wabtec.com
stemmann-sales@wabtec.com

Brecknell Willis
Millfield Trading Estate, Chard, Somerset. U.K.
www.brecknellwillis.com | www.wabtec.com
FBC-enquiries@wabtec.com

TransTech
709 Augusta Arbor Way, Piedmont, SC 29673, USA
www.transtech.com | www.wabtec.com
info@transtech@wabtec.com