



PROJECT AWARD

# BYE- GUANGZHOU METRO BT

## Profile

Product  
**Lightning NDC**

Customer  
**BYE**

Location  
**Guangzhou, China**

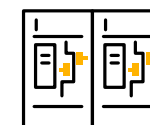
Installation  
**2016-2018**

Guangzhou Metro is the metro system of the city of Guangzhou in Guangdong Province of China. It was the fourth metro system to be built in mainland China, after those of Beijing, Tianjin and Shanghai.

Having delivered 2.054 billion rides in 2013, Guangzhou Metro is the sixth busiest metro system in the world, after the metro systems of Tokyo, Seoul, Moscow, Beijing, and Shanghai and operates 164 stations.

The city, in the south of one of the world's most populous countries, was initially planned to have a two-line metro system, which uses some of the latest light-rail technology, and was a model for a completely integrated project.

The number of lines was, however, increased later. The metro now operates eight lines, with an additional six lines underway.



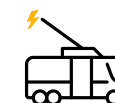
443 circuit breakers



Customised solutions



Low maintenance solution



Secure metro expansion

## The Challenge

Guangzhou Metro is now undergoing an expansion project increasing the metro by 16 lines with a length of 432.6km by 2025 in order to connect their rising areas. It is estimated that the total investment will reach 297.6 billion yuan.

## The Solution

Hawker Siddeley Switchgear (now BRUSH Switchgear) has, in partnership with BYE, been awarded the opportunity to supply a total of 443 NDC Circuit Breakers across lines 21, 14 and Knowledge City line. Totalling 166,526,302 yuan.

182 NDC Circuit Breakers will be supplied to Line 14 Phase 1. Line 14 runs from the North to the South of the city with 54.4km of track.

201 NDC Circuit Breakers will be supplied to Line 21. Line 21 is 61.5km which covers areas that are underground and through mountains. Finally 60 NDC Circuit Breakers will be supplied to the Knowledge City Line which is 21.9km.

## The Result

An ongoing partnership for BYE's future projects and a more secure metro line at the heart of China's traction distribution system.

Providing Guangzhou Metro a safe, reliable, low maintenance solution.

