CATEGORY: METRO SECTION INSULATOR

FYFH-0.6T-DC Rigid Section Insulator

Reference URL: https://en.chuangwit.com/metro-sectioning/fyfh-06t-dc.html

1. Product Overview

Rigid metro section insulator per TB/T 3252-2022 for 1500V DC rigid suspension OCS, up to 120 km/h. Download Technical Datasheet (PDF) Technical Specifications | The FYFH-0.6T-DC rigid metro section insulator is designed and manufactured per TB/T 3252-2022 (Rigid Suspension Catenary Busbar and Components for Electrified Railway) for in-phase electrical sectioning of 1500V DC metro and urban rail rigid suspension overhead contact systems. It replaces the legacy DC1500V designation in the Henan Chuangwit Railway Equipment catalogue. | The compact structure fits the limited envelope of tunnel-mounted rigid conductor rail installations while maintaining the required insulation performance. High-strength insulating elements, aluminum alloy runners and stainless steel fasteners give a durable assembly rated for metro speeds up to 120 km/h, operating from -25 deg C to +45 deg C at altitudes up to 2,000 m. | The unit mounts at rigid suspension points as part of the conductor rail run. Drawing number CWLFD0.6T-DC-00. | Henan Chuangwit Railway Equipment Co., Ltd. provides drawings, type test

2. Published Technical Specifications & Parameters

Parameter	Published Value / Specification
Model	FYFH-0.6T-DC
Drawing No.	CWLFD0.6T-DC-00
Standard	TB/T 3252-2022 Rigid Suspension Catenary Busbar and Components for Electrified Railway
Rated Voltage	DC 1500V (rigid suspension)
Design Speed	Up to 120 km/h (metro lines)
Operating Temperature	-25 deg C to +45 deg C
Altitude	<= 2,000 m
Materials	High-strength insulating elements; aluminum alloy runners; stainless steel fasteners
Installation	Mounted at rigid suspension points within the conductor rail run
Rated Voltage	DC1500V (applicable to DC750V / DC1500V)
Design Speed	<=120km/h
Altitude	<=2000m
Ambient Temperature	-25 deg C~+45 deg C
Application Environment	Metro Rigid Catenary Sections
Applicable Standard	TB/T 3252-2022 (Rigid Suspension Catenary Busbar and Components for Electrified Railways)

3. Operating Conditions

Metro tunnel service from -25 deg C to +45 deg C, altitudes to 2,000 m, including humid underground atmospheres.

FYFH-0.6T-DC Rigid Section Insulator - Continued

4. Mechanical Performance

Compact rigid assembly integrates into the conductor rail run; smooth pantograph transition up to 120 km/h.

5. Electrical Performance

High-strength insulating elements deliver reliable section separation on 1500V DC rigid OCS per TB/T 3252-2022.

6. Typical Applications

Rigid OCS Tunnels | Sectioning conductor rail runs in metro tunnels. | Underground Stations | Compact sectioning in restricted station envelopes. | Humid Tunnels | Materials suited to humid underground service. | Cold Regions | Operation down to -25 deg C.

Engineering & Quality Compliance Notice

Manufactured under ISO 9001 and CRCC product certification rules where applicable. All values mirror published site specifications.
Inquiry & Custom Engineering Support: info@chuangwit.com | Tel: +86-375-6051688 | https://en.chuangwit.com/contact/