CATEGORY: METRO SECTION INSULATOR

FYFH-2.0TG-DC Double-Line Section Insulator

Reference URL: https://en.chuangwit.com/metro-sectioning/fyfh-20tg-dc.html

1. Product Overview

Flexible double-line metro section insulator per TB/T 3252-2022 for twin contact wire 1500V DC metro OCS, up to 120 km/h. Download Technical Datasheet (PDF) Technical Specifications | The FYFH-2.0TG-DC flexible double-line 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 twin contact wire catenary on 1500V DC metro and urban rail overhead contact systems. It replaces the legacy FDJYQ-CWL-2 designation in the Henan Chuangwit Railway Equipment catalogue. | The flexible design eases installation in complex metro environments - both contact wires are sectioned simultaneously in a single assembly - and keeps operation stable over long service periods. High-strength insulating elements, aluminum alloy runners and stainless steel fasteners, rated for metro speeds up to 120 km/h, -25 deg C to +45 deg C, altitudes up to 2,000 m. | Mounting is by rigid suspension point or flexible in-line series connection, matching the OCS suspension type. Drawing number

2. Published Technical Specifications & Parameters

Parameter	Published Value / Specification
Model	FYFH-2.0TG-DC
Drawing No.	CWLFD2.0TG-DC-00
Standard	TB/T 3252-2022 Rigid Suspension Catenary Busbar and Components for Electrified Railway
Rated Voltage	DC 1500V (rigid or flexible suspension per sub-model)
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	Rigid suspension point mounting or flexible in-line series connection
Rated Voltage	DC1500V (applicable to DC750V / DC1500V)
Design Speed	<=120km/h
Altitude	<=2000m
Ambient Temperature	-25 deg C~+45 deg C
Application Environment	Metro / Light Rail / Urban Rail
Applicable Standard	TB/T 3252-2022 (Rigid Suspension Catenary Busbar and Components for Electrified Railways)

3. Operating Conditions

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

FYFH-2.0TG-DC Double-Line Section Insulator - Continued

4. Mechanical Performance

Double-wire flexible assembly sections both contact wires simultaneously; smooth pantograph transition up to 120 km/h.

5. Electrical Performance

High-strength insulating elements provide reliable double-line separation on 1500V DC systems per TB/T 3252-2022.

6. Typical Applications

Twin-Wire Metro OCS | Simultaneous sectioning of double contact wire runs. | Stations & Depots | Section separation in station throats and depots. | 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/