

Product Type Approval Certificate

Full

This certificate is issued to:

Supplier name and address:	Arthur Flury AG Representative in Australia: MV Technology Solution Unit 2 & 3, 21 Bay Rd, Taren Point NSW, 2229 Australia
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In respect of:

Manufacturer:	Arthur Flury AG
Place of manufacture:	Switzerland
Product description:	Section Insulator model ZSD, 150 (referenced as Type 9 SI, Bi Directional for up to 160km/h. The product details are provided in the drawings given in the annexure.
Use approved for:	TfNSW Heavy Rail Network 1500V DC
Conditions of approval:	<ol style="list-style-type: none"> 1. The manufacturing facility shall maintain current International Quality System Certification. 2. If any previously unidentified defect or condition in service arise, it shall require further collaborative investigation, and AMB will be notified on the outcome. 3. The supplier or manufacturer shall advise AMB, TfNSW of any changes made to the products or system that may alter its identification, performance characteristics, form, fit, function, processes required for correct usage or place of manufacture to enable review and revision of this approval. 4. The installation of Type 9 SI in its different configurations will be carried out as per drawings EL829261.
Limitations:	N/A

Evaluating rail transport operator

Name:	Lidija Dumbaloska
Position:	Director Energy Networks & Systems, Asset Management Branch, Transport for NSW
Signature:	<i>L Dumbaloska</i>
Date:	6/03/2024

Product approval pack reference number: FT1266579

Annexure 1 [Approved Drawings]

Fitting Number	Reference Drawing Number	Description
510/11	EL0791989	Type 9 Section Insulator ZS15, 150, "Single Contact 193mm ² Wire"
510/12	EL0771990	Type 9 Section Insulator ZS15, 150, "Twin Contact 2x137 mm ² Wire"
510/13	EL0826374	Type 9 Section Insulator ZS15, 150, "Modular Arrangements for 137 mm ² Contact Wires"
453/18	EL0821982	Type 9 Section Insulator "Catenary Insulator Assembly"
N/A	EL0829261	Type 9 section Insulator – Support "Arrangement Drawings"