

HUBBELL

Power Systems

AIS-5 Air-Insulated Switchgear, 3 Phase, One Switch Way, One Fuse Way, Pad-Mounted

By Hubbell Power Systems
Catalog # AIS-5



*Representative Image

AIS-5: One Switch Way, One Fuse Way, 15 kV / 25 kV, 600 A, Dead-Front Design

Features

- Air-Insulated Dead-Front Design: Enhances safety by minimizing electrical exposure and reducing maintenance and outages from vegetation or animal interference.
- Louvered Enclosure Design: Prevents unwanted gases and moisture from building up inside the enclosure.
- Strength and Durability: 11-gauge mild steel construction, and option to upgrade to 304-stainless steel for enhanced robustness.
- Maximum Visibility: 600 A switch position and fuse condition through large viewing windows.
- Built-in Base Spacing: Increases door clearance and reduces the need for additional base spacers.
- No center door support: Increases working area in cable compartments.
- Field-Replaceable Switch-Way Bushings: (200 A or 600 A), ensuring flexibility and convenience.
- Internal No-Drip Compound: No-drip compound that prevents moisture condensation under the roof.
- Fault Indicator Window: for easy mounting and viewing of common fault indicators.

General

Catalog Number	AIS-5
Insulation	Air
Load Capacity	600 A / 600 A
Peak Current	Withstand (Asym) 41,200 A
Type	Air-Insulated
Weight Load Rating	<ul style="list-style-type: none">• 900 lb.

- 1,350 lb.

Dimensions

Dimensions - Shipping	45 x 41 x 64-1/2, 51-1/2 x 46-1/2 x 79-1/2
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Electrical Ratings

BIL	<ul style="list-style-type: none">• 95 kV• 125 kV
Current - Under Magnetizing Switching Current Rating	21 A / 21 A
	<ul style="list-style-type: none">• Continuous Switch Side 600 A / 600 A• Continuous Fuse Side Maximum 200 A / 200 A
Fault Current - 1 Time	42,700 A
Voltage - Maximum	15.5 kV / 29 kV
Voltage Rating	15 kV / 25 kV
Withstand Current - Short Time (1 sec)	18,600 A
Withstand Voltage	35 kV / 60 kV @ 60 Hz - Switch and Terminators

Certifications And Compliance

Certified Listed	IEEE
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Product Assets

[Brochures - AIS Padmount Air-Insulated Switchgear](#)
[Specifications - AIS5](#)