



Non-Interrupting By-Pass Switch

Features:

Eliminates Regulator Switching Outages

Safe Off-Neutral Switching

Protects Personnel and Equipment

> 50 Years of Field Applications

Unmatched Safety Performance

Built for Reliability - US Made

Switch Ratings:

Voltage Class: 15.5 kV, 25.8 kV, 38 kV B.I.L. Rating: 110 kV, 150 kV, 200 kV Continuous Current Class: 600, 900, 1200 Amps Momentary Current: 600A: 40,000 A rms, 10 cycles

> 25,000 A rms, 3 seconds 900A: 51,000 A rms, 10 cycles 32,000 A rms, 3 seconds 1200A: 70,000 A rms, 10 cycles 44,000 A rms, 3 seconds



^{*} Switching current limited to 600 A.

The INERTIA Non-Interrupting By-Pass Switch (NBS) is designed to safely cut-in or by-pass a voltage regulator, even when in the off-neutral position, for uninterrupted service to load side customers. The NBS mitigates this safety hazard, from the off-neutral position, by utilizing a current limiting resistor to lower the circulating current within the regulator series winding.

The NBS offers two standard disconnect methods: By-Pass and Open Gap which ensures proper switching with a spring toggled switching mechanism. All units are fully assembled, factory adjusted and ready to install on single or dual crossarms with either hookstick or reciprocating controls.

ArmorGalv® Coated Ferrous Components Available for Increased Corrosion Resistance.

To order or request additional product information please contact us at: 800-791-9997 or sales@inertiaworks.com

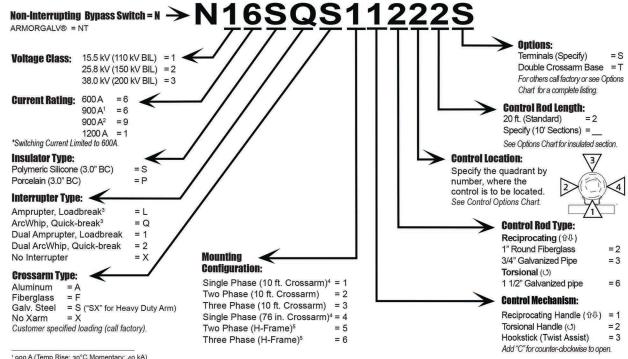






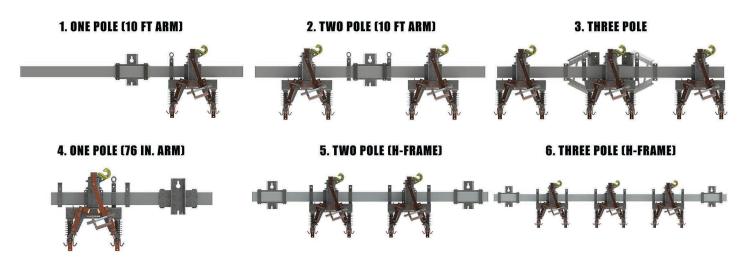


Non-Interrupting By-Pass Switch Selection Guide:



ENG-2021 NBS SELECTION GUIDE REV 9 RELEASE DATE: 4/29/2020

Standard Configurations:



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¹ goo A (Temp Rise; 3o°C Momentary: 4o kA) ² goo A (Temp Rise; 3o°C Momentary; 51 kA ANSI) ³ Source side only. ⁴ Right side mounting is standard unless otherwise specified in options. ⁵ Spetify structure dimensions.

^{*}Note: Not all configurations are possible. Some design limitations may apply. Please contact us to see if your specific design configuration(s) is available.