



* Representative image

14.4 kV, 600 A, 110 kV BIL, Porcelain, Vertical Three-Phase Loadbreak Switch

by CHANCE Utility
Catalog ID: D7VE1CL

14.4 kV, 110 kV LIW, 600A, Vertical, Three-Phase Loadbreak Switch.

Product Details

General

Blade Opening Direction	Counter Clockwise
Blade Type	Tubular Copper (single-member)
Cantilever Bending Strength - Routine	2,000 Lbs (8.9 kN)
Color - Insulator	Sky Gray
Contact	Silver, Copper
Crossarm Brace Type	Fiberglass (4" x 4" Foam-Filled)
Insulator Type	Porcelain (3" Bolt Circle)
Material - Base	Galvanized Steel per ASTM A153
Material - Interphase Shaft	Fiberglass
Mounting Position	Vertical
Tension Range	8000 lb
Torsional Strength	7,000 in Lbs (790.3 N-M)
UPC	096359035855

Dimensions

Weight	690.9 lb
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Electrical Ratings

BIL	110 kV
Creep and Leakage Distance	15.5" (394mm)
Current - Under Loop Switching	600 A (4.8kV)
Current - Under Magnetizing Switching	7 A
Current Rating	600 A
Current Rating - Cable (Shielded)	100 A
Current Rating - Cable (Unshielded)	11 A
Dead-Ending Rating - Unequal Load	700Lbs
Dead-Ending Rating - Working Load	6000 Lbs
Depth - Ice Break	3/8"
Interrupt Rating - 600 A	50 Operations
Reference Voltage Limit - Minimum	14.4 kV

Temperature Rise - Max. at 600A	36°C
Voltage - Maximum	15.5 kV
Withstand Current - Short Time (10 cycles)	40kA, asymmetrical
Withstand Current - Short Time (3 sec)	25kA, symmetrical

Certifications and Compliance

Industry Standard(s)	All Applicable ANSI/IEEE Standards
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Logistics

Standard Package	1
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For further technical assistance, please contact us

Domestic Customer Service

Hubbell Power Systems
210 N. Allen Centralia, MO 65240 USA
Phone: (573) 682-5521
Fax: (573) 682-8475
Email: hpscsc@hubbell.com

International Customer Service

Phone: +1-573-682-5521
Fax: +1-573-682-8516
Email: hpsintlcs@hubbell.com