

# HPS POWER APPARATUS BUSHINGS

## QUICK SELECTION GUIDE



### POC® - PAPER-OIL-CAPACITOR

- Oil-impregnated paper wound core with upper/lower porcelain insulators.
- Tried and proven bushing technology with a **60+ year** track record.
- **Transformer-Breaker Interchangeable (TBI)** bushing combined with high performance seismic capabilities.
- Available per IEEE C57.19.00/01 and CSA C88.1 bushing standards.



### PRC® - PAPER-RESIN-CAPACITOR

- Resin-impregnated paper wound core with upper porcelain insulator.
- Available in both oil-filled **AND** oil-free designs.
- **Transformer-Breaker Interchangeable (TBI)** bushing combined with high performance seismic capabilities.
- Available per IEEE C57.19.00/01 and CSA C88.1 bushing standards



### SDC® - SOLID-DIELECTRIC-CAPACITOR

- Solid cast epoxy composite bushing technology with integral epoxy sheds and condenser core, providing all the advantages of oil-free technology
- Modern bushing technology with more than **20 years** of proven field service
- **Transformer-Breaker Interchangeable (TBI)** bushing combined with high performance seismic capabilities
- **Custom designs** to meet difficult dimensional requirements
- Available per IEEE C57.19.00/01, CSA C88.1, IEC 60137 and DIN 48124 bushing standards

BUSHING APPLICATION	MEDIUM	POC®	PRC®	SDC™
Power Transformer	Air - Oil	25kV - 500kV	15kV - 72.5 kV	15kV - 145kV
	Oil - Oil	-	-	15kV - 145kV
GSU Transformer	Air - Oil	25kV	-	15kV - 35kV
Oil Circuit Breaker	Air - Oil	25kV - 230kV	15kV - 72.5 kV	15kV - 145kV
Switchgear	Air - Air	-	-	15kV - 69kV
Wall / Floor	Air - Air	-	-	15kV - 145kV
Generator	Air - H2	-	-	15kV - 30kV
DC	Air - Oil / Air - Air	-	-	15kV - 145kV
Special Application	Varies	-	-	Contact Us

For additional information and general inquiries, please e-mail: [BUSHINGS@HUBBELL.COM](mailto:BUSHINGS@HUBBELL.COM)

### Electro Composites™ solid HV bushings solution

Electro Composites (2008) ULC  
325 Scott Street, St-Jerome, QC J7Z 1H3 Canada  
T 450-431-2777 / F 450-431-2717  
ISO 9001: 2015 Certified



PCORE Electric Company, Inc.  
135 Gilbert Street, LeRoy, New York 14482 USA  
T 585-768-1200 / F 585-768-1212  
ISO 9001: 2015 Certified



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### FEATURES

- All bushings are IEEE 693 seismically certified
- Most designs are TBI - Transformer / Breaker Interchangeable
- Oil-Filled or Oil-Free bushing types available depending on voltage / current rating
- All bushings fabricated in ISO-9001 (2015) certified factories
- Bushing designs available for IEEE, CSA or IEC standards
- Standard configurations and customized form-fit-function replacement bushing options available

KV	15				25				34.5				46				69				115				138				161				230				345				500			
CURRENT	SDC	PRC	POC	Quick-Link	SDC	PRC	POC	Quick-Link	SDC	PRC	POC	Quick-Link	SDC	PRC	POC	Quick-Link	SDC	PRC	POC	Quick-Link	SDC	PRC	POC	Quick-Link	SDC	PRC	POC	Quick-Link	SDC	PRC	POC	Quick-Link	SDC	PRC	POC	Quick-Link	SDC	PRC	POC	Quick-Link				
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18,500A																																												
21,500A																																												
APPLICATIONS																																												
Transformer																																												
OCB																																												
GSU (high current)																																												
Wall / Floor																																												
Switchgear																																												
Generator																																												

**SDC®** - Solid-Dielectric-Capacitor Type, cast epoxy composite bushing, capacitance graded, oil-free.

**PRC®** - Paper-Resin-Capacitor Type, resin-impregnated paper composite core bushing, capacitance graded, with upper porcelain insulator, available oil-filled and oil-free.

**POC®** - Paper-Oil-Capacitor Type, oil-impregnated paper core bushing, capacitance graded, with upper and lower porcelain insulators.

**QUICK-LINK™** - PRC or POC type, with the convenience of a draw-lead bushing and the current capability of a bottom-connected bushing.