

HPS POWER APPARATUS BUSHINGS

QUICK SELECTION GUIDE



POC® - PAPER-OIL-CAPACITOR

- Oil-impregnated paper wound core with internal/external porcelain insulators.
- Tried and proven bushing technology with +60 years track record.
- Transformer-Breaker Interchangeable (TBI) bushing combined with high performance seismic capabilities.
- Available per IEEE C57.19.01 and CSA C88.1 bushing standards.



PRC® - PAPER-RESIN-CAPACITOR

- Resin-impregnated paper wound core with external 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 C57.19.01 and CSA C88.1 bushing standards



SDC™ - SOLID-DIELECTRIC-CAPACITOR

- Solid cast epoxy composite bushing technology with integral epoxy sheds and condenser core
- Modern bushing technology with 20 years proven field service
- Transformer-Breaker Interchangeable (TBI) bushing combined with high performance seismic capabilities
- Provides all the advantages of oil-free composite bushing technology
- Available per IEEE C57.19.01, 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 - 500kV	15kV - 72.5 kV	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

Electro Composites™ solid HV bushings solution

Electro Composites (2008) ULC
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ISO 9001:2008 Certified



PCORE Electric Company, Inc.
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ISO 9001:2008 Certified



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FEATURES

- All bushings are IEEE 693 seismically certified
- Most designs are suitable for TBI - Transformer / Breaker Interchangeability
- Oil-Filled or Oil-Free bushing types available depending on voltage / current rating
- All bushings fabricated in ISO-9001 (2008) 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												
400A DL	█				█				█				█				█				█				█				█				█				█				█				█							
600A DL	█				█				█				█				█				█				█				█				█				█				█				█							
800A DL	█				█				█				█				█				█				█				█				█				█				█				█							
1200A	█				█				█				█				█				█				█				█				█				█				█				█							
2000A	█				█				█				█				█				█				█				█				█				█				█				█							
3000A	█				█				█				█				█				█				█				█				█				█				█				█							
4000A	█				█				█				█				█				█				█				█				█				█				█				█							
5000A	█				█				█				█				█				█				█				█				█				█				█				█							
6000A	█				█				█				█				█				█				█				█				█				█				█				█							
7500A	█				█				█				█				█				█				█				█				█				█				█				█							
10,000A	█				█				█				█				█				█				█				█				█				█				█				█							
14,000A	█				█				█				█				█				█				█				█				█				█				█				█							
18,500A	█				█				█				█				█				█				█				█				█				█				█				█							
21,500A	█				█				█				█				█				█				█				█				█				█				█				█							
APPLICATIONS																																																				
Transformer	█				█				█				█				█				█				█				█				█				█				█				█							
OCB	█				█				█				█				█				█				█				█				█				█				█				█				█			
GSU	█				█				█				█				█				█				█				█				█				█				█				█				█			
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 or 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.