

Solid State PCR Polarization Cell Replacement – PPC 1-4-6 KA

Solid-state polarization cell is a semiconductor cell used with cathodically protected structures (pipelines, tanks, grounding systems, etc.) for DC decoupling and AC continuity/grounding, and also for protection from lightning current and AC faults. The PPC must be installed in enclosure/test post with a degree of protection IP44 or higher. Not intended for use in potentially hazardous areas.



Telemagnetica S.r.l.

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TECHNICAL DATA

PPC-1kA

- Box: 165x270x100 mm
- Mass 2,5 kg
- Operating Temperature: -25°C to +55°C

PPC-4kA

- Box: 200x250x150 mm
- Mass 8,0 kg

PPC-6kA

- Box: 200x250x150 mm
- Mass 9,5 kg

PPC-1kA

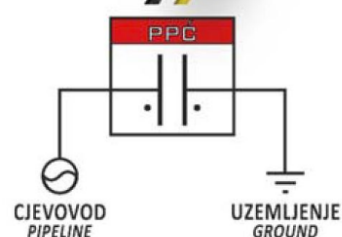
AC steady state current:	35 Arms (50 Hz) 35 Arms (60 Hz)
Lightning surge current (8/20 μ S):	40 kA
AC fault current:	1,0 kA (30 cycles @ 50 Hz) 1,1 kA (30 cycles @ 60 Hz)
DC threshold voltage:	-3/+1 V (standard) -2/+2 V (optional)

PPC-4kA

AC steady state current:	60 Arms (50 Hz) 60 Arms (60 Hz)
Lightning surge current (8/20 μ S):	40 kA/100 kA
AC fault current:	4,0 kA (30 cycles @ 50 Hz) 4,2 kA (30 cycles @ 60 Hz)
DC threshold voltage:	-3/+1 V (standard) -2/+2 V (optional)

PPC-6kA

AC steady state current (50/60 Hz):	80 Arms (50 Hz) 80 Arms (60 Hz)
Lightning surge current (8/20 μ S):	100 kA
AC fault current:	6,0 kA (30 cycles @ 50 Hz) 6,3 kA (30 cycles @ 50 Hz)
DC threshold voltage:	-3/+1 V (standard) -2/+2 V (optional)

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