

<b>ABB</b>		<b>Maintenance Schedule</b>		4FPS10000027105	
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### PVS800-57 Central Inverter

Legend:	
Inspection (visual inspection and required maintenance action if needed)	I
Performance of on-site work (commissioning, tests, measurements, etc.)	P
Replacement if hard conditions	(R)
Replacement of component	R

Start-up	Years from start-up																					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>Start-up</b>	P																					
<b>Cooling</b>																						
➤ Cooling fan for PVS800-57-104, ISU, SLCL		I	I	I	I	I	R	I	I	I	I	I	R	I	I	I	I	I	R	I	I	I
➤ Extra cooling fans inside cabinet (roof)		I	I	I	I	I	R	I	I	I	I	I	R	I	I	I	I	I	R	I	I	I
➤ Extra cooling fans inside cabinet (door)		I	I	I	I	I	R	I	I	I	I	I	R	I	I	I	I	I	R	I	I	I
<b>Aging</b>																						
➤ DC circuit electrolytic capacitors and discharging resistors *)																					R	
➤ ΔINT, CINT *)													R								R	
➤ Memory backup battery replacement in the APBU-xx unit						R						R						R				
<b>Connections and environment</b>																						
➤ Flat ribbon cables													R								R	
➤ Fibre optic cable connections				I			I					I						I				I
➤ Cabinet door filters		R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
➤ Condition of contactors				I			I					I						I				I
➤ Quick connector of converter module				I			I					I						I				I
➤ Tightness of terminals							I						I									
➤ Dustiness, corrosion and temperature		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
➤ Quality of supply voltage		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
➤ Other maintenance action according to the drive maintenance counter		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
<b>Improvements</b>																						
➤ Based on product notes		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
<b>Measurements</b>																						
➤ Basic measurements with supply voltage		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
<b>Spare Parts</b>																						
➤ Spare parts		I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
➤ DC circuit capacitors reforming		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

\*) **R Replacement of component:** Estimated maintenance interval in ideal conditions; ambient temperature between 0 ...40 °C and indoor conditioned (IEC62109), non cyclic heavy load

**Note!** Recommended maintenance intervals and component replacements are based on specified operational and environmental conditions. ABB recommends annual drive inspections to ensure the highest reliability and optimum performance. More detailed maintenance information can be found in maintenance instructions, product manuals and on the internet pages in the address: [www.abb.com/drivesservices](http://www.abb.com/drivesservices)