

# PCS100 AVC-40 UL Annual Maintenance Plan

Applicable product: PCS100 AVC-40 UL and non UL manufactured from 31/07/2017

## Notes

**Times Estimated**

Service times are estimations based on the product being ready for service (safe to work on), the service engineer is on location and prepared with all tools and equipment required.

**Exclusions**

Preparation, travel time, site induction, site safety checks, service report, customer interaction and other non hands on equipment time.

**Assumptions**

The product is in an environment according to the specifications. Allow extra time for equipment for dirty or harsh environments.

**Customized products:**

If you think the product you preparing a service plan for is non standard please send the part number 2UCPXXXXXX and serial number 2UCXX to the New Zealand service department or send the service log.

**Important exclusion**

Software updates which typically take one hour are not included in the service times calculated

Example:

System Age in years

Quantity of consumables to replace in year 5

Annual Maintenance plan		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
1 x PCS100 AVC-40 150 to 300kVA Environment: Up to 104 degrees Fahrenheit																	
		Startup	Inspection	Inspection	Inspection	Inspection	Service	Inspection	Inspection	Inspection	Inspection	Service	Inspection	Inspection	Inspection	Inspection	Inspection
Age of system in years		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Item description	Ordering code																
PCS100 Module Fan	2UCS000330A666						2					2					
Aux Module PSU 240W 24VDC 2017+	2UCS002580B023						1*					1					
Cap: PF 60uF 530VAC Case L1 10% Epcos	2UCS001305A6401											6					
SCM Battery	2UCS001853B902											1					
PCS100 AVC 1B Master Can Cable kit	2UCS002792B207											1					
Site hours required for servicing the product																	
Time to power down and put back in operation (hrs)		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Consumables replacement (hrs)							1.3					4.8					
Annual inspection (hrs)		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total (hrs)		3	3	3	3	3	4.3	3	3	3	3	7.8	3	3	3	3	3

Estimated time to make the product safe to work on and then return the system to online operation and check operation. This will vary from site to site. This input is based on your customer and site knowledge.

Estimated time to replace all the consumables in the column above. The estimated time is based on one Service Engineer.