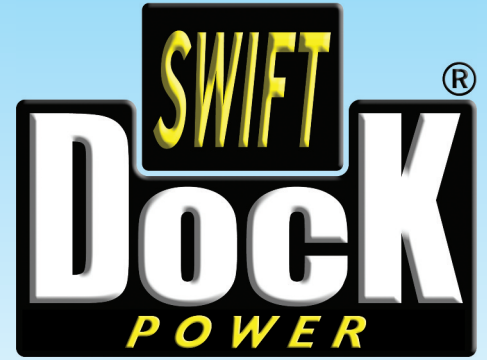


# Frequently asked questions for Swift-Dock-Power



**Do you offer assemblies with more than 6 pins?** No, although multiple pin arrays of greater than six pins can be achieved using several Swift-Dock-Power assemblies or by building your own array using individual spring contacts and lands.

**Are other spring pressures available?** No.

**What is the ideal gap between the polycarbonate assemblies whilst docked?** The ideal gap is 1.5 to 1.0mm.

**Are the Swift-Dock-Power interface assemblies waterproof or airtight?** No.

**Can the assembly be made to be waterproof?** We do not recommend allowing the spring contact assembly to get wet. Liquid ingress could introduce solid material inside the spring cavity and out of the back. It is best to use the spring contact side in the dock side of the instrument. The land assembly is better suited to use on the portable/outside part of the machine. The land assembly can be made to be more water resistant by use of suitable sealing from the back. We recommend potting compound or liquid silicone sealer.

**What is their IP rating?** Swift-Dock-Power does not have an IP rating as the spring contact is not sealed.

**Are they rated to UL94V-2?** Yes

**Are they RoHS compliant?** Yes

**What is the maximum operating temperature range of Swift-Dock-Power interface assemblies?** The maximum temperature is 150°C.

**How do they cope with vibration?** They can withstand a certain amount of light vibration. However, strong or specific vibration can cause surface wear. We strongly recommend thoroughly testing the spring contact interface as part of your approval process to prevent later problems in the field.

**Can the assemblies be used in sliding or angled approach?** Yes, with care. Wear of the plated surfaces is always a concern.

**Are there variants of the standard Swift-Dock-Power range available?**

Yes:

- High current spring contacts mixed with signal pins
- Other colours of the polycarbonate moulding other than black can be supplied for volumes of greater than 1000 units.

**Are the components used within Swift-Dock-Power available separately?** Yes, please check out the related product section at the bottom of each Swift-Dock-Power product page.