

Technical drawing of the rear view of the device, showing dimensions and labels:

- Top View:** Shows a circular face with a central crosshair. A dimension line indicates $SW1=14.5$. A label "对插端 to the plug end" points to the top edge.
- Side View:** Shows the profile of the device. Dimensions include $\phi 18.2$ for the main body diameter, $M16 \times 1$ for the thread, and 15.5 for the total width. A label "A定位箭 A locating arrow" points to a feature on the top edge. Other dimensions include 5.3 , 2.0 , and ~ 5.0 .
- Bottom View:** Shows a hexagonal face with a central crosshair. A dimension line indicates $SW2=14.5$. A label "后螺母 Rear nut" points to a feature on the bottom edge.
- Panel Cut-out View:** Shows a circular cut-out with a diameter dimension of $\phi 16.1^{+0.1}_{-0}$ and a height dimension of $14.6^{+0.1}_{-0}$. A label "垫片 shim" points to a feature on the bottom edge.

防护等级 (Ingress protection)	IP50
插拔测试 (Plugging and unplugging test)	<500次
产品耐温 (The product is temperature resistant)	-20° C / +85° C
盐雾腐蚀 (Salt Spray Corrosion)	>48 hr
额定电流Current rating	7A
额定电压 (Rated voltage)	125V
工作电压 (AC.V) Operating voltage (AC.V)	200
耐电压 (AC.V) Withstand voltage (AC.V)	1000
绝缘阻抗 (mΩ) DC500V Insulation Resistance (mΩ)DC500V	1000
绝缘电阻 (mΩ) DC1A Insulation Resistance (mΩ)DC1A	3

外壳材料 Housing material	锌合金镀镍Zinc alloy nickel plating
绝缘体材料 Insulator material	橡胶黑木Rubber black wood
触体材料 Contact material	黄铜镀银Brass silver-plated