

Press Release

The Cherry DZ Switch

New subminiature switch with positive break action

Auerbach, April 26, 2006

Today's versatile applications for switches demand special product solutions. One specific requirement is the ability to ensure that the contacts will be opened in case of switching inductive loads, such as for motors and drives. With these targets in mind, Cherry engineers started the development of the new DZ-switch.

The heart of the new DZ-switch is its positive break action contact system. The major advantage of this contact system is that the "positive break action" comes into operation if the contacts might get welded or clotted due to high inductive loads.

This characteristic makes the DZ-switch an ideal solution for switching all kinds of electrical drives. No matter if for sun-blinds or linear drives for adjustable hospital and home devices. Also for direct drives in engines or automatic doors, the DZ-switch is a safe and reliable product.

Designed for use in a temperature range from -20 to +85 degree Celsius, the DZ-switch is able to take high inductive loads of 3(3)A 250V~ at 50.000 electrical operations and. It has approvals according to ENEC and UL.

And also in environmental aspects Cherrys advanced design has taken the lead. The DZ switch is not only RoHS compliant, but also built using cadmium-free contact material, assuring the highest possible satisfaction over lifetime.

About Cherry

Cherry GmbH is a subsidiary of the Cherry Corporation, USA, active in the areas of computer input devices, white goods, the automotive sector and industrial components. In 2005 the total turnover reached about € 200 Mio.

Of the 3300 employees worldwide, 1500 are based at the German locations in Auerbach and Bayreuth.

With decades of experience in the development and manufacturing of electronic control-solutions for the household appliance industry, Cherry has all the leading manufacturers among his customers.

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Photo: DZ-Switch



Photo: DZ-Switch cut-away