

File E179745
Project 01SC15932

July 2, 2002

REPORT

ON

COMPONENT - SWITCHES, INDUSTRIAL CONTROL

Dongguan City Sanyou Electrical Appliances Co., Ltd.
Guangdong, China

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DESCRIPTION

PRODUCT COVERED:

USR, CNR - Switches, Industrial Control, Type SFK, followed by -1, followed by 05 through 24; followed by D, followed by M, followed by P or blank, followed by -B, -F or blank, maybe followed by any special codes.

GENERAL:

These devices are enclosed, magnetically operated, single-pole, single-throw (Form A) relays with normally open contacts.

USR indicates investigation to the Standard for Industrial Control Equipment, UL 508, Seventeenth Edition, revision dated July 11, 2005.

*CNR indicates investigation to the Standard for Industrial Control Equipment, CAN/CSA C22.2 No. 14-05, 10th Edition, revision dated March 2006.

ELECTRICAL RATINGS:

Contact : 20 A, 250 V ac, Resistive
1HP at 120 Vac, 2HP at 240 Vac,

The HP rated devices are suitable for use in 85°C surrounding air temperature and were tested for 100,000 cycles

*Coil Voltage: Any voltage between 5 Vdc and 24 Vdc.

NOMENCLATURE:

* $\frac{\text{SFK}}{\text{I}} - \frac{1}{\text{II}} \quad \frac{12}{\text{III}} \quad \frac{\text{D}}{\text{IV}} \quad \frac{\text{M}}{\text{V}} \quad \frac{\text{P} - \text{E} -}{\text{VI} \text{ VII}} \quad \frac{\text{XX}}{\text{VIII}}$

- I. Basic Model
- II. Number of poles
 - 1: Single pole
- III. Coil Voltage
 - *Any voltage between 05 Vdc and 24 Vdc
- IV. Coil Sensitivity
 - D: 0.9 W
- V. Contact Form
 - M: 1 form A
- VI. Terminal Type
 - P : PWB Terminal
 - Blank: Solder and PWB Terminals
- VII. Insulation System
 - B : Class 130(B)
 - F : Class 155(F)
 - Blank: Standard Type
- VIII. Special Code
 - Additional numbers or letters, which don't effect construction..