

Clara, CA 95050-4169

985-2400

(408) 296-3256

1655 Scott Blvd

Santa

(408)

FAX No.



Underwriters Laboratories Inc.®

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Project 00SC08738

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REPORT

ON

COMPONENT - SWITCHES, INDUSTRIAL CONTROL

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

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organization

safety and

service

A not-for-profit

dedicated to public

committed to quality

DESCRIPTION

PRODUCT COVERED:

*USR/CNR - Switches, Industrial Control, Type SPA, followed by -S or -SH, followed by -1, followed by 03 through 48, followed by DM, 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, 17th Edition, revision dated July 11, 2005.

ELECTRICAL RATINGS:

Contact: 15 A, 125 V ac, resistive, 6,000 cycles.

10 A, 250 V ac, resistive, 6,000 cycles.

5 A, 125 V ac, General Use, 6,000 cycles.

10 A, 24 V dc, 6,000 cycles.

Coil: 3 - 48 V dc

NOMENCLATURE:

$$\frac{\text{SPA}}{\text{a}} \quad \frac{\text{-S}}{\text{b}} \quad \frac{\text{-1}}{\text{c}} \quad \frac{\text{48}}{\text{d}} \quad \frac{\text{D}}{\text{e}} \quad \frac{\text{M}}{\text{f}} \text{ - } \frac{\text{F}}{\text{h}} \text{ - } \frac{\text{XX}}{\text{i}}$$

a = Basic Model

b = Protective Construction

*-SH: Sealed Type washable

-S: Sealed Type

c = Number of Poles

-1: Single Pole Single Throw (Form A)

d = Coil Voltage

03 to 48 = 3 to 48 V dc

e = Coil Sensitivity

D: 200 mW

f = Contact Form

M: 1 Form A

h = Insulation System

B: Class 130(B)

F: Class 155(F)

Blank: Standard Type

i = Special Code

Additional numbers or letters, which don't effect construction.