



1655 Scott Blvd
Santa Clara, CA 95050-4169
(408) 985-2400
FAX No. (408) 296-3256

File E179745
Project 01SC15938

January 30, 2002

REPORT

ON

COMPONENT - SWITCHES, INDUSTRIAL CONTROL

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

Copyright © 2002 Underwriters Laboratories Inc.

Underwriters Laboratories Inc. authorizes the above-named company to reproduce this Report provided it is reproduced in its entirety.

Underwriters Laboratories Inc. authorizes the above-named company to reproduce that portion of this Report consisting of this Cover Page through Page 3.

A not-for-profit organization
dedicated to public safety and
committed to quality service

DESCRIPTION

PRODUCT COVERED:

USR, CNR - Switches, Industrial Control, Type SMT, followed by -1, followed by 05 through 48, followed by D, followed by M, followed by blank, followed by -B, -F or blank, maybe followed by any special codes.

GENERAL:

These devices are enclosed, magnetically operated, single-pole or two-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: 16 A, 240 V ac, Resistive, 6,000 cycles
16 A, 24 V dc, Resistive, 6,000 cycles

Coil Voltage: Any voltage between 5 Vdc and 48 Vdc.

Rated Ambient: -40C to +85C

NOMENCLATURE:

$\frac{SMT}{I}$ - $\frac{1}{II}$ $\frac{12}{III}$ $\frac{D}{IV}$ $\frac{M}{V}$ $\frac{blank}{VI}$ - $\frac{F}{VII}$ $\frac{XX}{VIII}$

I. Basic Model

II. Number of poles

- 1: Single pole
- 2: Two Poles

III. Coil Voltage

Any voltage between 05 and 48

IV. Coil Sensitivity

D: 0.54 W

V. Contact Form

M: 1 form A

VI. Terminal Type

Blank: Standard Type

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.