

File E82292
Project 98SC42762

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REPORT

ON

COMPONENT - SWITCHES, INDUSTRIAL CONTROL

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DESCRIPTION

PRODUCT COVERED:

* USR/CNR - Component - Industrial Control Switch, Model TSC-1, followed by two digits 03 through 24, followed by L or D, followed by 3, followed by blank or M, and followed by blank or H.

GENERAL:

These devices are open-type, single-pole, single-throw, magnetically operated relays intended with normally open and normally closed contacts. These devices are for use in Safety of Information Technology Equipment.

RATINGS:

Contact Ratings -

1 A, 120 V ac, resistive, 6,000 cycles

1 A, 30 V dc, 6,000 cycles

Coil Ratings -

3-24 V dc

NOMENCLATURE:

* $\frac{TSC}{I}$ - $\frac{1}{II}$ $\frac{12}{III}$ $\frac{L}{IV}$ $\frac{3}{V}$ $\frac{M}{VI}$ $\frac{H}{VII}$ $\frac{S}{VIII}$

I - Basic model designation

II - Contact form: 1 pole

III - Coil voltage: 03 V dc through 24 V dc

IV - Coil Power Consumption: L - Coil Power 0.15 W
D - Coil Power 0.3 W

V - Contact Material: 3 - AgNi (AuAg Alloy Clad)

VI - Contact Configuration: Blank - 1 Form C (Transfer)
M - 1 Form A (N.O.)

VII - Sealing Condition: Blank - Vented (Flux-tight)
H - Plastic sealed

VIII - Terminal Designation: Blank - Standard
* S: - SMD with Level type
P: - SMD with Perpendicular type

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use only in complete equipment where the acceptability of the combination has been determined by Underwriters Laboratories.

This device has been judged in accordance with the required spacing in the Standard for Safety of Information Technology Equipment (UL 1950), Table 3 and Table 6, and under the requirements for the Outline of Investigation for Relays used in Information Technology Equipment, Subject 508B.

Conditions of Acceptability -

1. These devices should be used within their Recognized ratings as specified above.
2. These devices should be used mounted in enclosures having adequate strength and thickness in the intended manner and with acceptable spacing being provided.
3. When these devices are mounted in enclosures, the test record should be reviewed to determine if tests need to be repeated, giving particular attention to temperature tests.
4. The terminals are to be factory wired only, and the suitability of the connection (including spacing between factory connectors) should be determined.