

File E179745  
Project 08CA04625

August 1, 2008

REPORT

ON

COMPONENT - INDUSTRIAL CONTROL SWITCHES

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

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## NOMENCLATURE:

Model      $\frac{\text{DSY2Y}}{\text{I}}$  -  $\frac{\text{S}}{\text{II}}$  -  $\frac{2}{\text{III}}$   $\frac{03}{\text{IV}}$   $\frac{\text{D}}{\text{V}}$  -  $\frac{\text{B}}{\text{VI}}$  -  $\frac{\text{XX}}{\text{VII}}$

I.     Series designation:  
      DSY2Y

II.    Protective Construction  
      S - Sealed type  
      SH - Sealed type washable

III.   Number of Poles:  
      2 poles

IV.    Coil Voltage:  
      03 - 3 Vdc  
      05 - 5 Vdc  
      06 - 6 Vdc  
      09 - 9 Vdc  
      12 - 12 Vdc  
      15 - 15 Vdc  
      24 - 24 Vdc  
      48 - 48 Vdc

V.     Coil Sensitivity:  
      D - 0.36 W  
      H - 0.15 W  
      L - 0.20 W

VI.    Insulation System:  
      Nil - Standard Type  
      B - Class B (130 C)  
      F - Class F (155 C)

Note - Models with 48 Vdc coils are only provided with either class B or F insulation systems.

VII.   Special Parameter:  
      Nil - Standard Type  
      Letters and/or Numbers - Special marking designations

## ENGINEERING CONSIDERATIONS (Not for Field Representative's Use)

Special Consideration - The following items are considerations that were used when evaluating this product.

USR - Indicated evaluation to UL 508, Seventeenth Edition, the Standard for Industrial Control Equipment

CNR - Indicated evaluation to CSA 22.2 No. 14-05, the Standard for Industrial Control Equipment for Use in Ordinary Locations.

## Conditions of Acceptability -

1. These devices are intended to be mounted in business and office equipment.
2. These devices shall be mounted in an appropriate enclosure.
3. If mounted in an environment where the ambient temperature exceeds 85°C, then consideration should be given to repeating the temperature test.
4. The Dust Cover has not been evaluated as an insulating barrier and should be considered in the end-use application with regards to spacing requirements to uninsulated live parts.
5. The spacings from exposed live-metal parts to the enclosure walls shall be in accordance with the requirements of the end-product.