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Project 08CA04625

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REPORT

ON

COMPONENT - INDUSTRIAL CONTROL SWITCHES

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

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## DESCRIPTION

## PRODUCT COVERED:

USR, CNR - Relay, Series DSY2Y, followed by S or SH, followed by 2, followed by 03, 05, 06, 09, 12, 15, 24, or 48, followed by D, H, or L, followed by blank, B, or F, followed by blank or two letters and/or numbers.

## GENERAL:

These devices are magnetically operated relays with DPDT contacts (2 form C) and are provided with a dust cover. They are intended to be used in industrial applications where the suitability of the combination has been determined by Underwriters Laboratories Inc.

## ELECTRICAL RATINGS:

Maximum 85°C ambient temperature.

Series	DC Coil Voltage	Contact Number and Type	Contact Ratings	Load Type and Electrical Endurance Cycles
DSY2Y	3-48	2 form C (DPDT)	120 Vac, 1A	AC Resistive, 6,000
DSY2Y	3-48	2 form C (DPDT)	30 Vdc, 2A	DC Resistive, 6,000

## NOMENCLATURE:

Model    DSY2Y   -   S   -   2   03   D   -   B   -   XX  
                  I                    II                    III    IV    V                    VI                    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