

File E341498  
Project 10CA52236

December 25, 2010

REPORT

On

COMPONENT - SWITCHES, INDUSTRIAL CONTROL

Shenzhen Yuanze Electric Co Ltd  
Shenzhen, Guangdong China

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## DESCRIPTION

## PRODUCT COVERED:

USR, CNR - Magnetic, Switches, Industrial Control, Cat. No. Y90, followed by -SS, followed by -1, followed by 12, 18, 24 or 48, followed by D, followed by M or blank, maybe followed by special code (not necessary to be shown on product).

## GENERAL:

The devices are open type magnetically operated, single pole, single throw or double throw relays for use in industrial control applications.

## ELECTRICAL RATINGS:

Catalog No.	Coil Voltage Vdc	Contact Arrangement	Contact Ratings (50/60 Hz)		Electrical Operating cycles	Load Type	Surrounding Air Temperature (SAT) (°C)
			Rated Voltage	Rated Current A			
Y90	12,18,24,48	1 Form A	277 Vac	30	100,000	Resistive	85
		1 Form C	277 Vac	20	100,000	Resistive	

Note: Contact Configuration Breakup

Form A: where A - Normally Open

Form C: where C - Normally Open and Normally Closed

## NOMENCLATURE:

Y90	-	SS	-	1	12	D	M	xxx
I		II		III	IV	V	VI	VII

## I. Product Type

Y90

## II. Enclosure

SS: Flux-tight

## III. Number of Pole

1: Single Pole

## IV. Coil Voltage

12: 12 Vdc    18: 18 Vdc  
24: 24 Vdc    48: 48 Vdc

## V. Coil Power

D: Standard (0.93 W)

## VI. Contact Arrangement

M: Form A  
Blank: Form C

## VII. Special Code (Not necessary to be shown on product)

Numbers or letters, do not represent electrical changes, these codes denote customer's requirements.