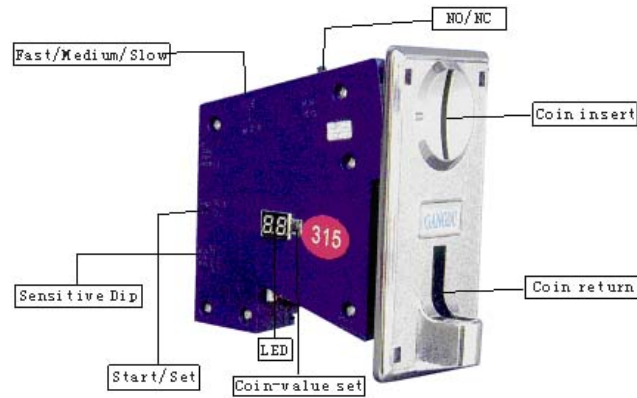


GANGDU-315



Specifications :

Power :

- Operating Voltage: 12 + 20%
- Stand by Current: 50mA-55mA
- Operating Current: 310mA-340mA
- Peak Current: 650mA

Coin Parameters:

- Diameter: 21mm -31mm
- Thickness: 1.2mm -3.0mm

Chapter 1 Introduction of the product

Introduction :

Much obliged gratitude to you purchasing Gangdu multi-Coin acceptor

Easy for installation.

Good level of security at a very competitive price.

Using the intelligent single chip system, automatically identify coin's material, thickness and diameter

Set up five channels of coin-value at the same time, each channels set can memory MAX. 15 types of coins

Fine-tuned against better quality slugs and frauds

Can connect to the counter

supply digital output and make some modification in the output program according to the demand

All mechanisms 100% coin tested before shipment

An intelligent multi-coin selector can memorize and recognize 1-5 different type coins with different signals. The product includes software guard system, and this alarm system can prevent opportunistic behaviors in Amusement Machine but also Vending Machines.

Specification:

Net weight: 0.375kgs / each

Single chip auto recognize system

Signal output in pulse

Apply to coin diameter: 18mm-29mm

Apply to coin thickness: 1.2mm-3mm

Work voltage: DC12V (/ -20%)

Current in 50ma

CPU system identify the coin's material, thickness and diameter

Include software guard system

Can connect the counter

TIME SWITCH can be set to fast-25ms, medium-45ms and slow-65ms

How To Set Up With The Game Machine:

Step 1: operate with the game machine's standard mode Normal Open

Step 2: switch to the correct speed (pulse) of coin machine: FAST 25ms, MEDIUM 45ms and SLOW 65ms

Step 3: Connecting the 12V DC and Ground wiring for the coin Acceptor.

Step 4: Arrange the token sample that you want the coin selector to accept

Step 5: Set the switch from "Start" to "Set" position, the LED light will show "00", press the switch which value, to adjust the coin value when the coin programming. "00-99" means how many times of the output when the programmed coin was deposited, return the switch from "Set" to "Start", it is finished

Step 6: Set the switch from "NOM" to "MGN" position, then turn the switch from "Start" to "Set" position. "P1-P9" means a output signal needs how many programmed coins to be deposited like "P1, P2, P3. . .

Step 7: Prepare the needed sample coins.

Step 8: Insert 10pcs coins in turn to set the coin (time interval 0.3 seconds)

Step 9: Turn the coin set switch to "Start" and finished the setting

Chapter 2 Installing and setting

The mechanism will ship from our factory in a normal operating configuration.

Switch Setting

- Open-Close Dip to correct mode with Normal Open (NO) and Normal Close (NC), usually use Normal Open
- Fast, Medium, Slow Dip set the correct time length of the output pulse signal

Fast: 25ms (short pulse signal)

Medium: 45ms (medium pulse signal)

Slow: 65ms (long pulse signal)

- Adjust setting DIP set the acceptor to work mode (adjust to Start) or set the programme mode (adjust to Set)
- Coin-value setting button which for adjusting the coin's value in programme mode (Adjust setting DIP)
- Sensitive Dip, in working mode, it is for accepting the coin's sensitive degree.

Connection description :

A: None

B: Black line-GND

C: Write line-Coin signal

D: Red line-DC12V

Setting Description :

a) Erase the previous all coin channels values setting

Adjust the sensitive Dip to the "NOM" position

Adjust the setting DIP to the "SET" position enter programming mode, LED display "00"

Keep press the Coin-value setting button more than 5 seconds until you will be hear a "BI" sound and LED will display "C", this means all the coin value setting is erased

Adjust the setting DIP to the "START" position, exiting programming mode

b) Erase the previous one coin channel values setting

Note: This is only for advance user.

Adjust the sensitive DIP to the "NOM" position

Adjust the setting DIP to the "SET" position, entering programming mode, LED display "00"

Press the Coin-value setting button to adjust the coin value in turn and let the LED display the value, which you want to erase.

Keep press the Coin-value setting button for more than 5 seconds until you will be hear a "BI" sound and LED will display "C", this means this coin channel value setting is erased

Adjust the setting DIP to the "START" position, exiting programming mode

Coin-Value Setting Description :

One Coin, One (Multi) pulse mode

Adjust the Setting DIP to the "SET" position, enter programming mode

Adjust the sensitive DIP to the “NOM” position, LED display “ 00”

Press the Coin-value setting button to adjust the coin value in turn and let the LED display

the value, which you needed, for example “ 01” or “ 02” . The value increase 1 upon 1

press. If you passed the value you want to set, just adjust the setting switch to “ START” then adjust back

display “ 00” , so you can select the value again.

Feed the sample coins in turn, you can program up to 10 coins .If less than 10 coins can add and store less

10 quarters as different condition as possible. Or you can feed 10 same or different tokens.

Repeat above to set other coin group values.

Adjust the setting switch to the “START” position to exit programming mode,

Multi coins, one pulse mode :

Adjust the sensitive DIP to the “NOM” position

Adjust the Setting DIP to the “SET” position, enter programming mode, LED display “ P2”

Press the Coin-value setting button to adjust the coin value in turn and let the LED display

the value, which you needed, for example “P 2” or “P 3” . The value adds 1 upon 1 press. If you passed 1

adjust the setting switch to “ START” then adjust back to “SET” again the LED will display “P 2” , so you

Feed the sample coins in turn, you can program up to 10 types of coins .If less than 10 types, you can add

you can you can feed 10 same type or different types of coin or tokens.

Repeat above to set other coin channel values.

Adjust the setting switch to the “START” position to exit programming mode

Note: Gangdu 315 model multi-coin acceptor can memory MAX. 5 channels of coin value at the same time

pulse mode and Multi coins, one pulse mode.

The sample coins or tokens must be typical of the population of coins or tokens you want to accept. Do

worn coin as a sample coin or token.

Chapter 3 Cleaning and Preventive Maintenance

The Gangdu multi-Coin acceptor is made from nickel-plated steel and high strength nylon molded plastic. It requires tighter tolerances within the mechanical assemblies of the product and its control of the coins. The mechanism clean is important for long term, trouble free operation. Debris such as cigarette or cigar coin dust, liquor, soft drinks, and cleaning fluids easily adhere themselves to critical areas within the coin slot, the sliding sensor coil, the operation of the accept gate, and the speed of the coin through the device. A dirty mechanism can affect on proper coin validation. Use the following guidelines to keep the mechanism clean and trouble free.

When cleaning the outside face of a machine, prevent liquid and spray cleaning solution from entering the coin slot by blocking or covering the coin slot when cleaning. If the coin slot is not blocked, the cleaning fluid will collect in the slot, enters through the coin slot and congeal into a sticky film that will inhibit coin acceptance.

Clean any spilled drinks from the mechanism as soon as possible to prevent buildup of debris. A mild soap solution will remove drinks. The circuit boards must not be exposed to the dishwasher solution. They must be removed and cleaned with circuit board flux remover or a combination of isopropyl alcohol and freon.

Cigarette and cigar smoke can be removed with a general-purpose lens cleaner used for eyeglasses. This cleaner can also be used on mechanisms with a build-up of film from spray cleaning.

After any cleaning it is important to wipe any excess solution from the mechanism then buff or blow-dry. The sensor coil assembly should be removed from the metal mainplate and carefully cleaned around the areas where they slide against each other.

Never use any oils, wax, or petroleum based solvents or sprays to clean the Comparitor.

The environment determines frequency of cleaning. Once every 3 months is a safe cleaning schedule. If the machine is filled with a large volume of coin play, then a more frequent schedule may be necessary.

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