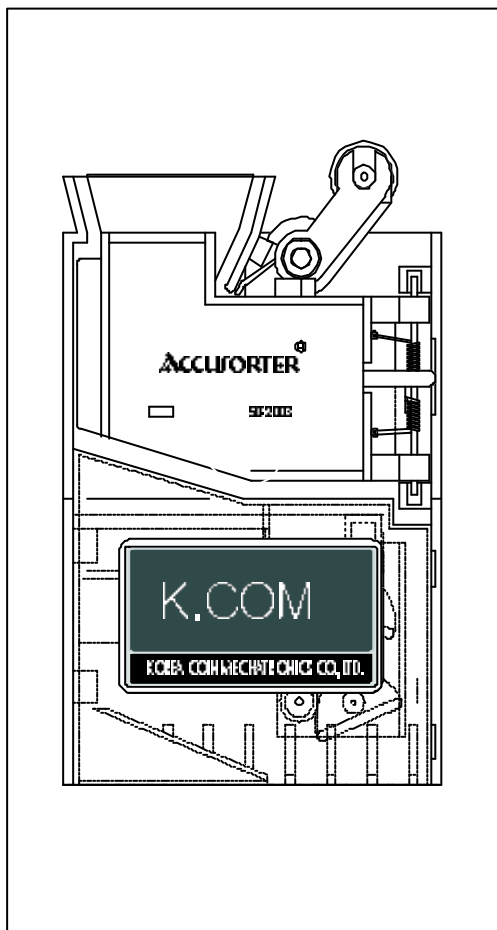


K.COM

OPERATION MANUAL

COIN SELECTOR.



Please read this operation manual carefully before using our mechanism to use correctly.

■ CONTENTS ■

- MODEL : KCM - SLT 2003
(3 way system)
- USABLE COIN :
 - Diameter : 15mm ~ 28mm
 - Thickness : 1.2mm ~ 2.8mm
- POWER : +5VDC, +24VDC
- TEMPERATURE RANGE :
 - -15 ~ 55
- CONSERVATION RANGE :
 - -30 ~ 80
- POWER CONSUMPTION :
 - 0.3W (Waiting mode)
 - 9.9W (Operating mode)
- DIMENSIONS : W79xD57xH119
- WEIGHT : 302g

KOREA COIN MECHATRONICS CO., LTD.



INDEX



1. INTRODUCTION

2. ASSEMBLY DRAWING AND DESIGNATION

3-1) External structure

3-2) Internal structure

3. ROUTE OF COINS

3-1) Route of regular coins

3-2) Route of damaged coins

3-3) Exit of coins

4. MAIN CONNECTOR

5. TIME CHART

6. INTERFACE CIRCUIT

7. DIMENSIONS

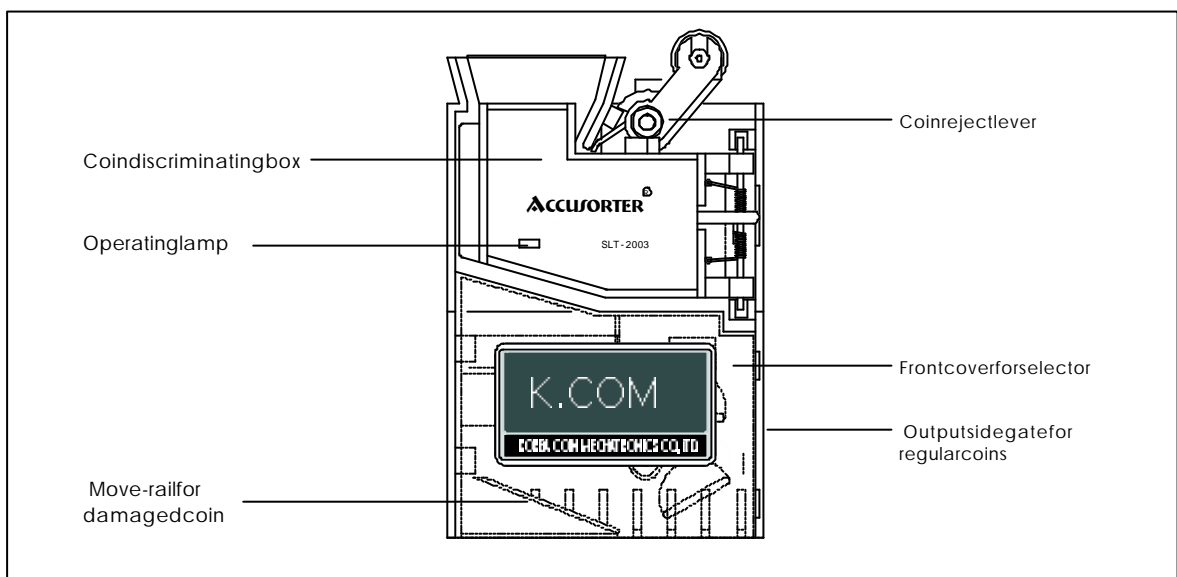
1.INTRODUCTION

Coin selector(KCM-SLT2003) is high quality coin acceptor of 3 way system which can discriminate the eight different kinds of coins without considering the kind of coin as it is usable.

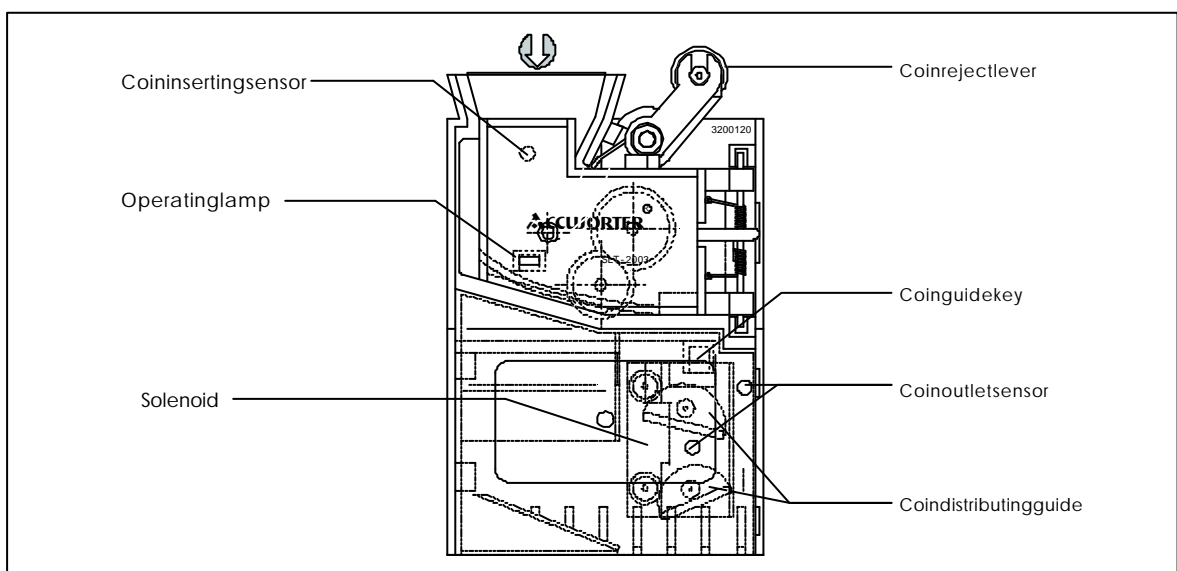
Especially, it can easily discriminate different coins of many countries by their diameter, material, thickness. And it is easily attached and used.

2.ASSEMBLY DRAWING AND DESIGNATION

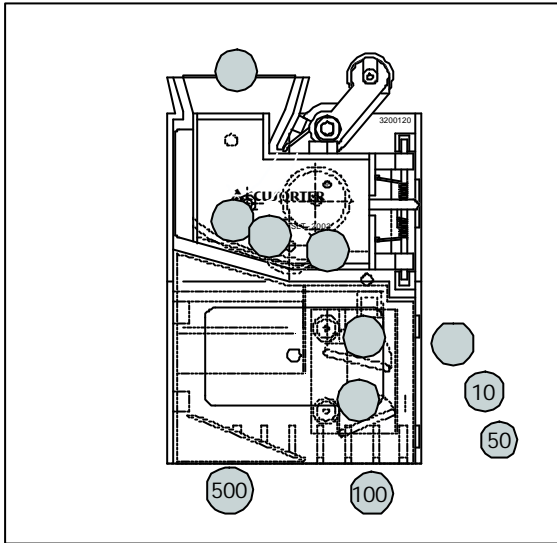
2-1) External structure



2-2) Internal structure



3. ROUTE OF COINS



3-1) Route of regular coins

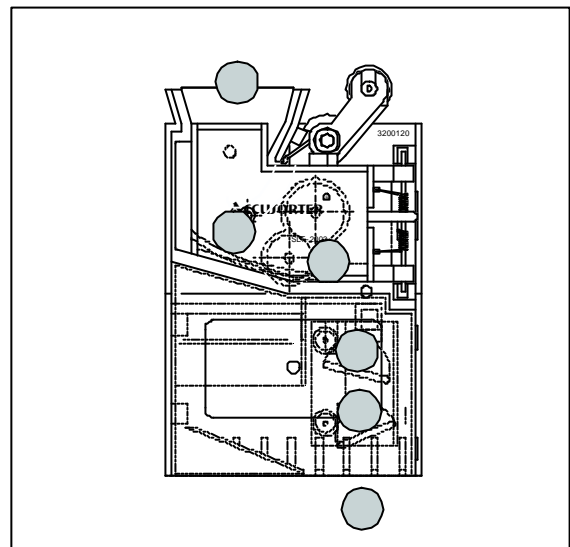
Inserted regular coin is leaded to its route by opening guide key for regular coin after confirming its correctness.

And then it drops into a safe through 3 way by operating of the distribution guide.

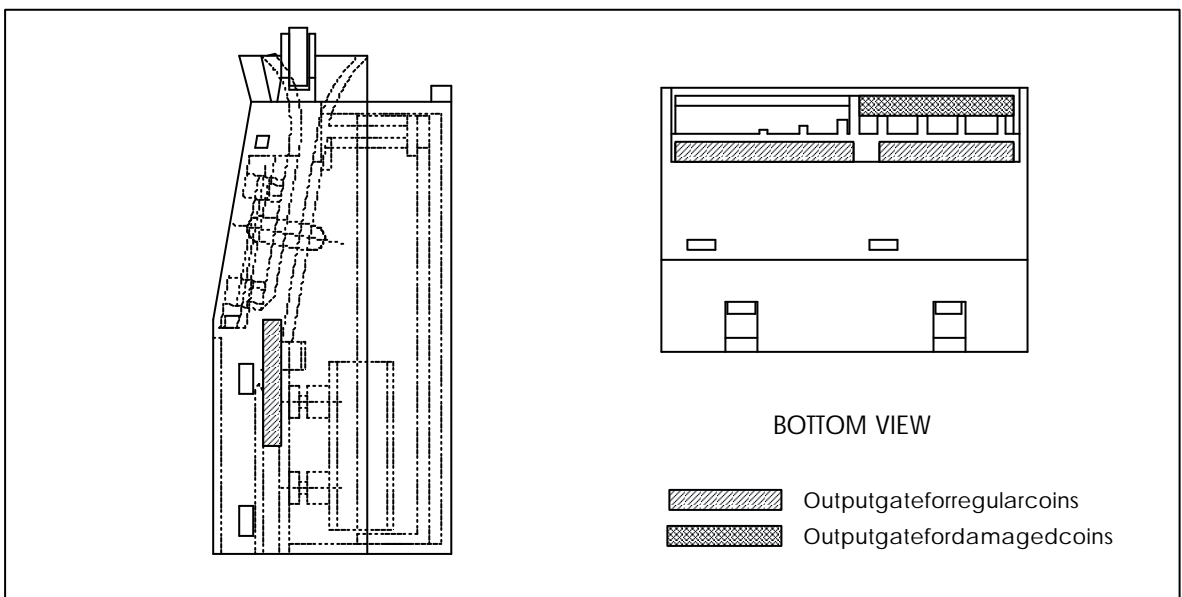
3-2) Route of damaged coins

Inserted damaged coin is leaded to route for damaged coin by resorting the guide key because it is different from the memory of regular coin.

And it drops into front hole by its route.



3-3) Exit of coins



4. MAIN CONNECTOR

- Header R/A : Molex 53015-12
- Housing : Molex 51004-12

PIN NO	SIGNAL NAME	I/O	DESCRIPTION	REMARK
1	REJ		Not use	OPEN
2	DIS	I	DISABLE	A-High
3	Coin D(10 ¢)	O	Coin Signal D	A-High
4	Coin C(5 ¢)	O	Coin Signal C	A-High
5	Coin B(25 ¢)	O	Coin Signal B	A-High
6	Coin A(\$ 1)	O	Coin Signal A	A-High
7	CLR		pull-down(ack-signal)	Option
8	TXD		Not use	OPEN
9	RXD		Not use	*
10	GND	O	Power restoring	GND
11	+5V	I	Power input	+4.8V ~ +5.2V
12	+24V	I	Power input	+23V ~ +25V

5. TIME CHART

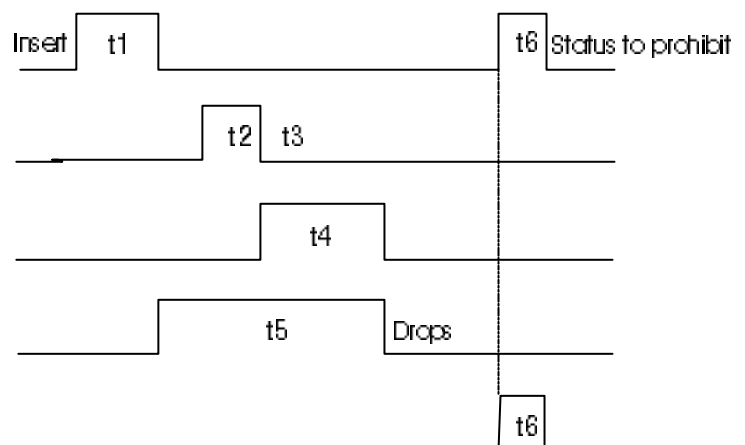
1) Insert and discrimination
(Insert signal)

2) Output confirming
(Insert signal)

3) Coin signal
(External output)

4) Solenoid operation
(Insert signal)

5) Disable input
(External input)

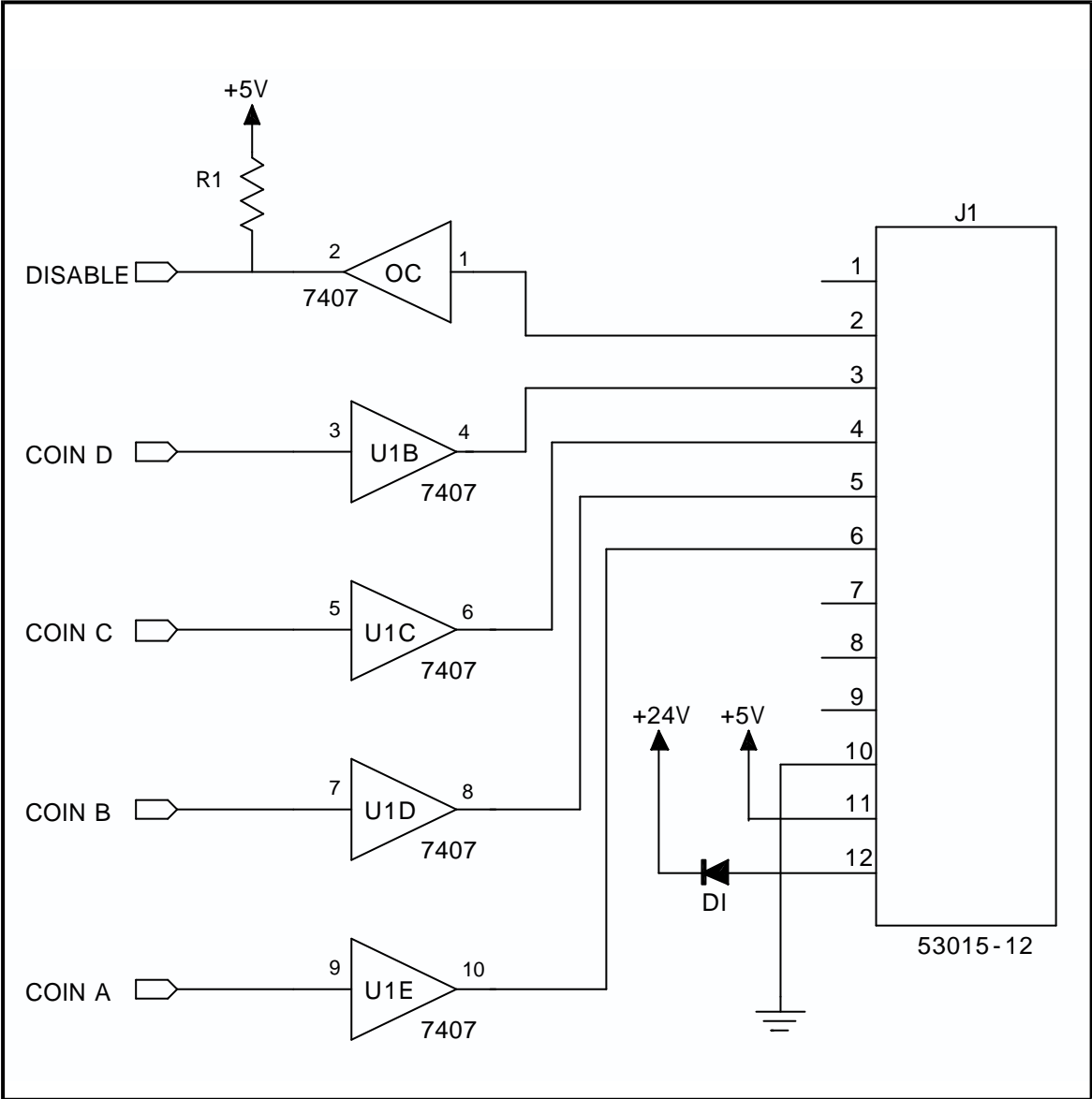


- t1 = 55ms ~ 70ms
- t3 = 35ms ~ 50ms
- t5 = 300ms ~ 340ms

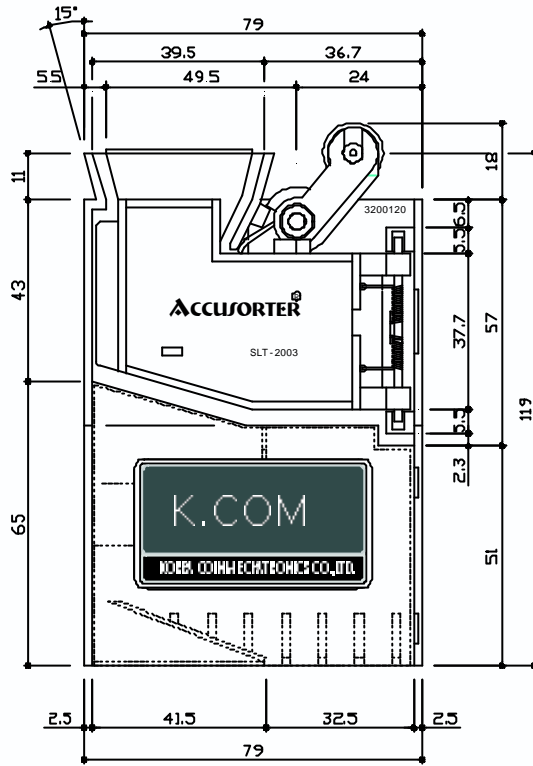
- t2 = 10ms ~ 20ms
- t4 = 50ms
- t6 = 5ms over

※ Max velocity for continuous inserting : Approx 1.4eq/1sec

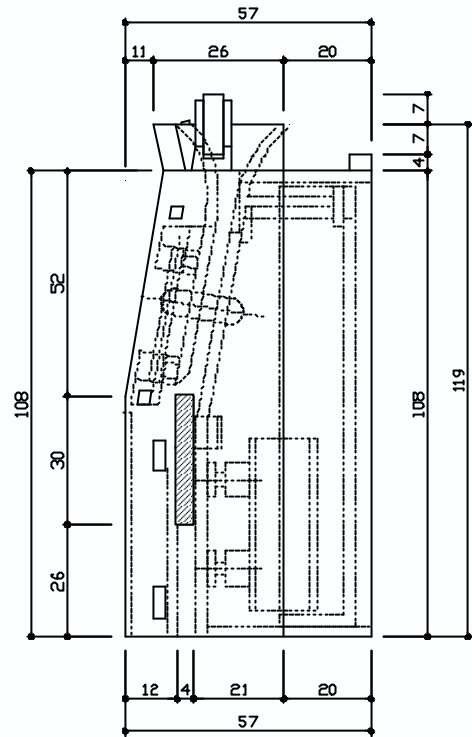
6. INTERFACE CIRCUIT



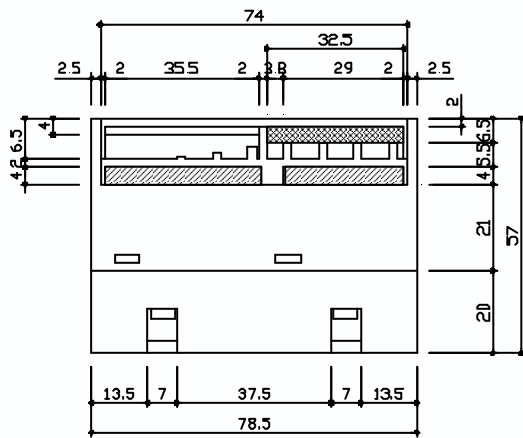
7. DIMENSIONS



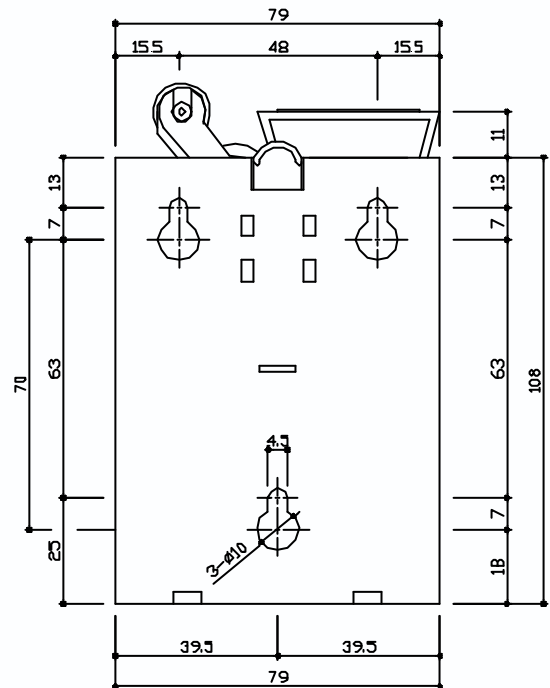
FRONT VIEW



RIGHT VIEW



BOTTOM VIEW



REAR VIEW