



ICT BS7 Bill Acceptor Recycler Installation Guide

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ICT BS7 Bill Acceptor Recycler Installation Guide



Introduction

Overview

8S7 is a bill acceptor which features not only a high-security module with a bill box but also outstanding recognition, and acceptance rate up to 96% or even greater.

Features

- Four-way bill insertion acceptance.
- Numerous interfaces are available.
- Easily Install & Maintain.
- High Acceptance Rate up to 96%.

Specifications

General

- Acceptance Rate 96% or greater
- Note: The incomplete bills such as extremely dirty, wet, broken or wrinkled ones are excluded.
- Bill Insertion
- Transaction
- Speed Interface
- Four-way acceptance
- Approx. 3 seconds to stack
- Pulse, ICT
- Protocol,

- MOB,
- GPT Parallel

Electrical

- Power Source
- Power Consumption
- Operation Environment
- 12V DC (11.4~12.6V DC)
- 24V AC (21.6~26.4V AC)
- 34V DC (20V~42.5V DC)
- 12V DC- Standby: 0.41A, 5W Operation: 2A, 24W Maximum: 3A, 36W
- Operation Temperature: 0° C~55° C Storage Temperature: -30° C~ 70° C Humidity: 30%~85RH

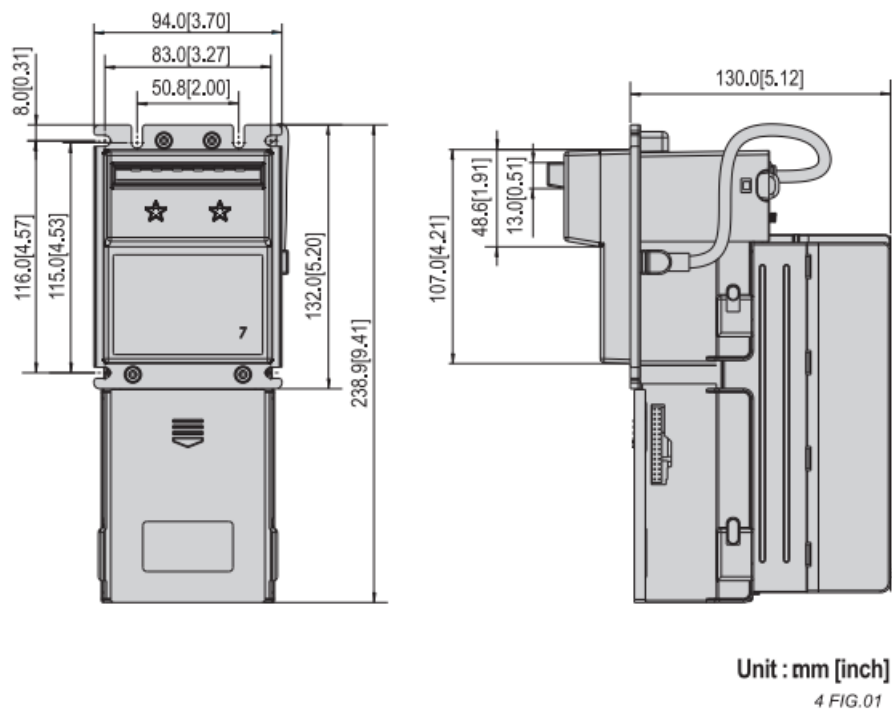
Mechanical

- Outline Dimension
- Bill Capacity
- Weight
- Refer to page.4
- Approx. 400 bills (350-450)
- Approx. 1.25kg

Packing List

- Main
- Accessory
- Bill Acceptor
- Harnesses: Refer to 5-1 BS? Installation Guide
- BS? DIP Switch Setting Guide

Dimension



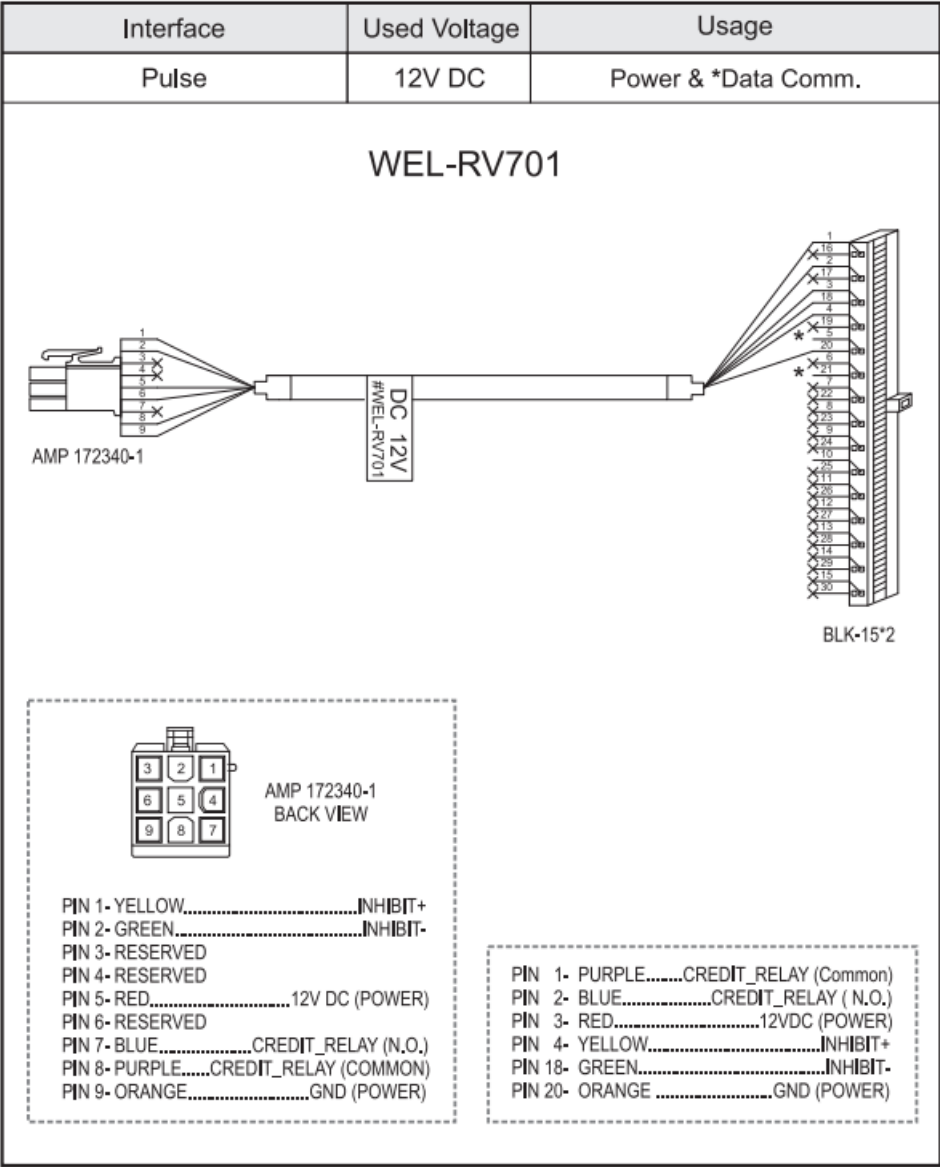
Installation

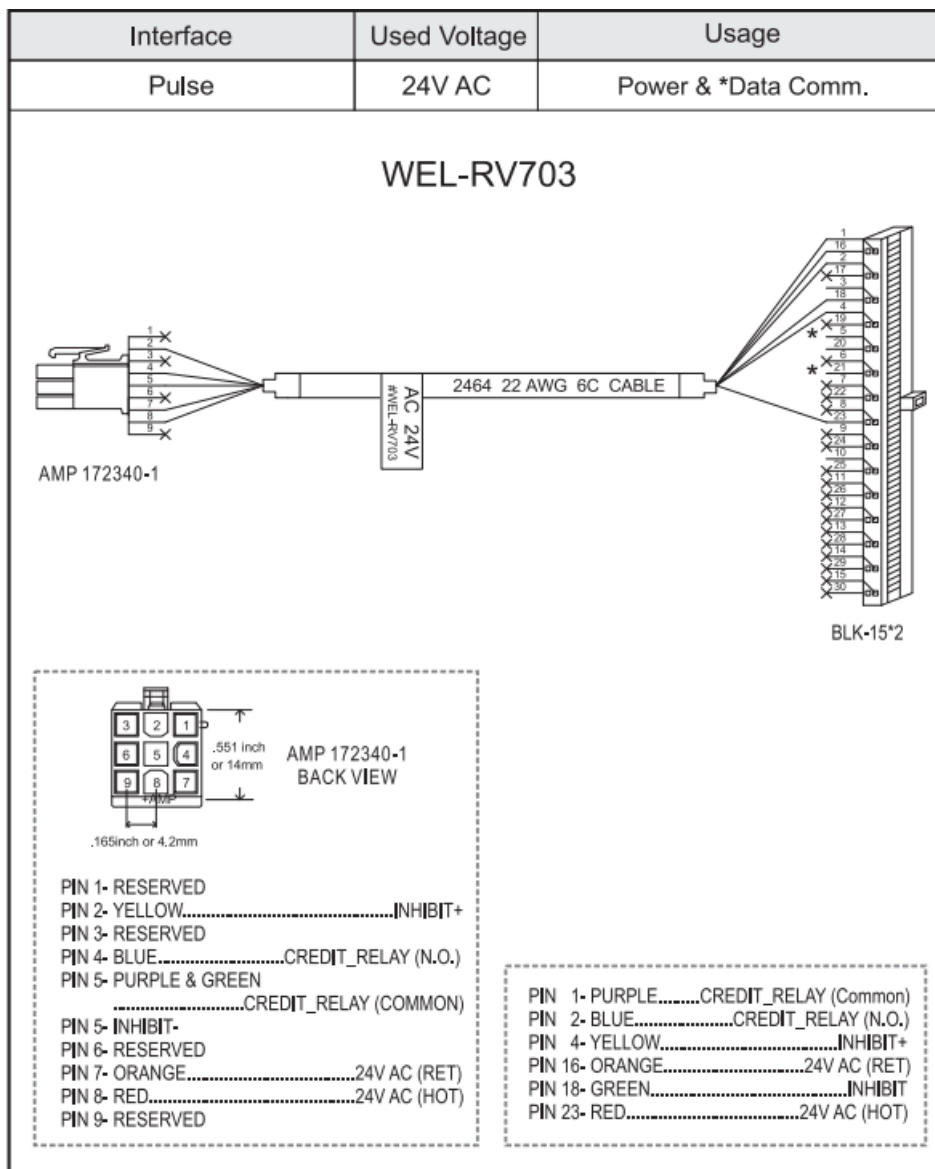
Harness Application

		Power & *Data Comm.	WEL-RV701	6
Standard	12VDC	Extension Wire	CU-R961-1	7
Pulse	24VAC	Power & *Data Comm.	WEL-RV703	9
		Extension Wire	WEL-RV702	
MOB	34VDC	Power & *Data Comm.	WEL-RM006	10
		Power	WEL-RV701	6
ICT Protocol (RS232)	12VDC	Extension Wire	CU-R961-1 WEL-RV706-1	7
		*Data Comm.	or	11
			2-BA-RV706	
GPT Parallel	24VAC	Power & *Data Comm.	*5*R BG-AA203L 1-XX	12

Data Comm.: Data Communication.

RBG-AA203L 1-xx: Plug-in Box & Cables, "XX" varies from version to version.





Interface	Used Voltage	Usage
Pulse	24V AC	Extension Wire for WEL-RV703

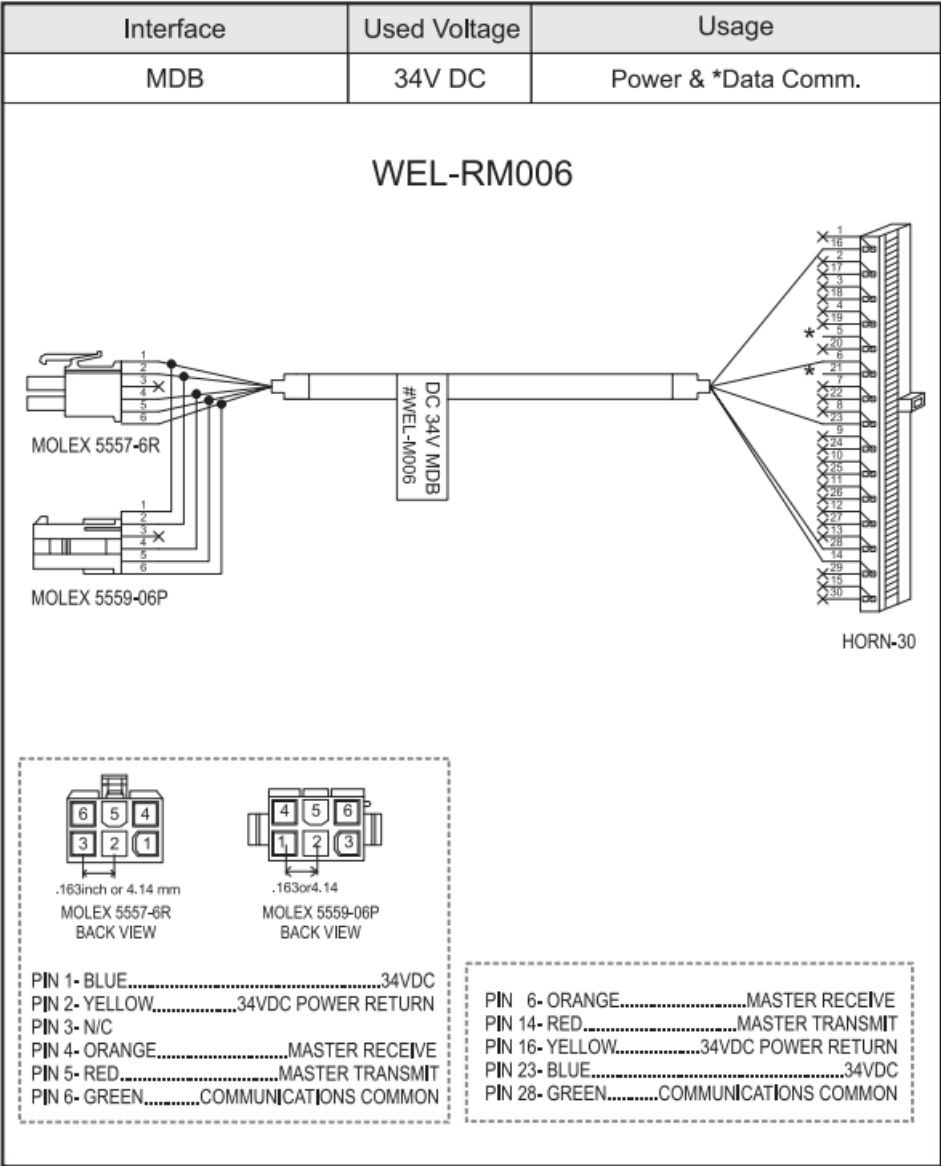
WEL-RV702

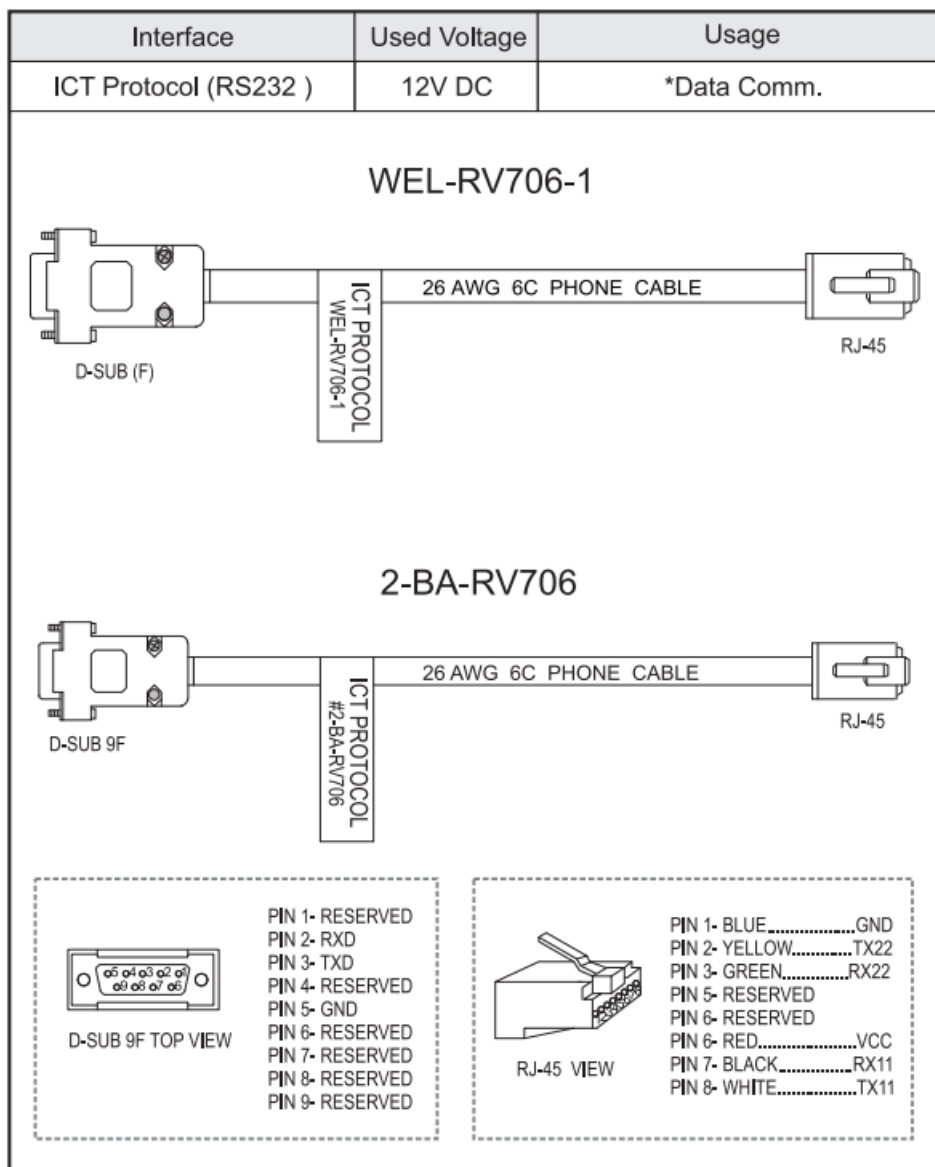
AMP 172332-1

AMP 172332-1
BACK VIEW

PIN 1- RESERVED	
PIN 2- YELLOW.....	INHIBIT+
PIN 3- RESERVED	
PIN 4- BLUE.....	CREDIT_RELAY (N.O.)
PIN 5- PURPLE & GREEN.....	CREDIT_RELAY (COMMON)
PIN 5- PURPLE & GREEN.....	INHIBIT
PIN 6- RESERVED	
PIN 7- ORANGE.....	24V AC (RET)
PIN 8- RED.....	24V AC (HOT)
PIN 9- RESERVED	

YELLOW.....	INHIBIT+
BLUE.....	CREDIT_RELAY (N.O.)
PURPLE.....	CREDIT_RELAY (Common)
GREEN.....	CREDIT_RELAY (Common)
ORANGE.....	24V AC (RET)
RED.....	24V AC (HOT)

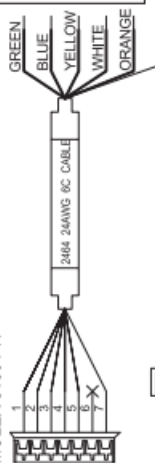




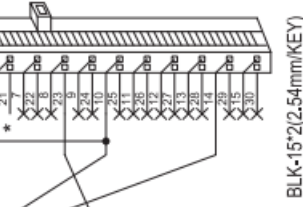
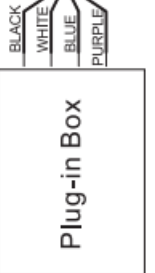
5RBG-AA203L1-xx

PIN 1- BLUE.....CH1
PIN 2- YELLOW.....CH2
PIN 3- WHITE.....CH3
PIN 4- ORANGE.....CH4
PIN 5- RED.....INHIBIT
PIN 7- GREEN.....GND

MOLEX 51004-7P

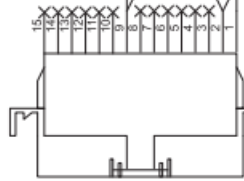


Plug-in Box

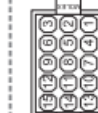


BLK-15*2(2.54mm/KEY)

Parallel GPT
#WEL-RLD15



MOLEX 15P 0.248/6.3(M)



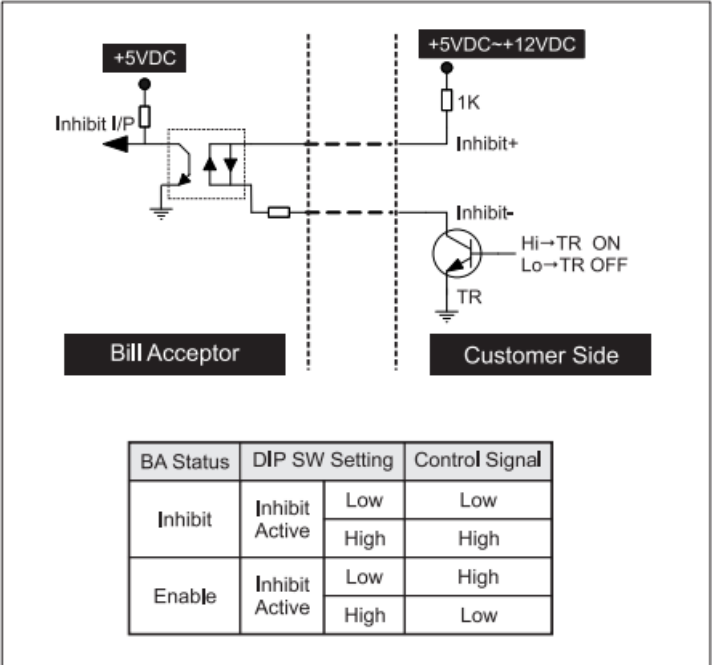
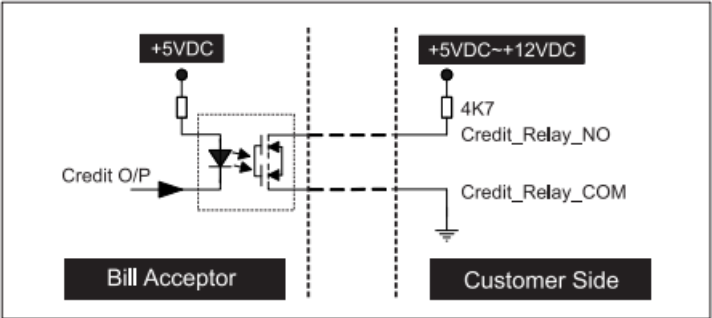
MOLEX 15P
0.248/6.3(M)BACK

PIN 1- BROWN.....24VAC-Neutral
PIN 2- BLUE.....24VAC_HOT
PIN 9- BLUE.....24VAC_HOT

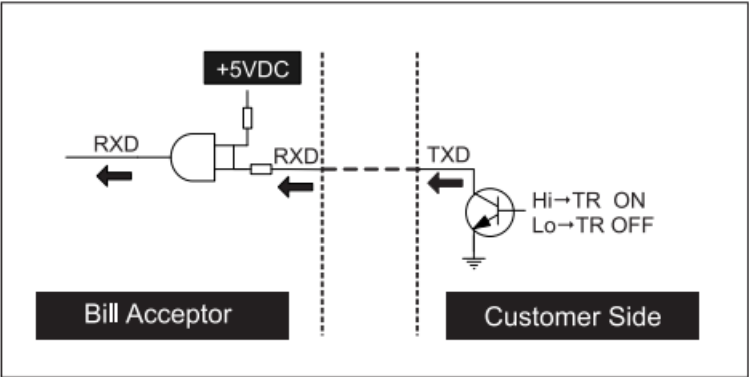
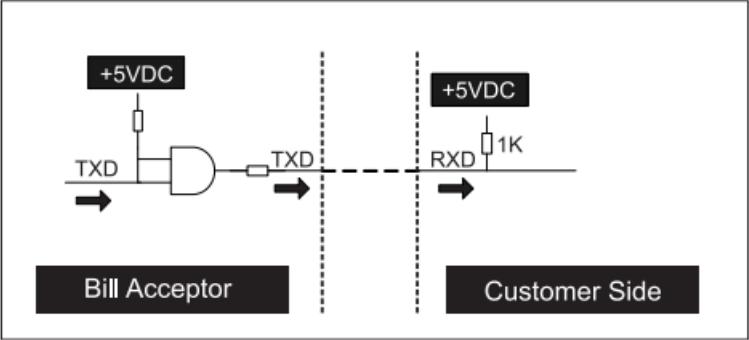


MOLEX 15P
0.248/6.3(F)BACK

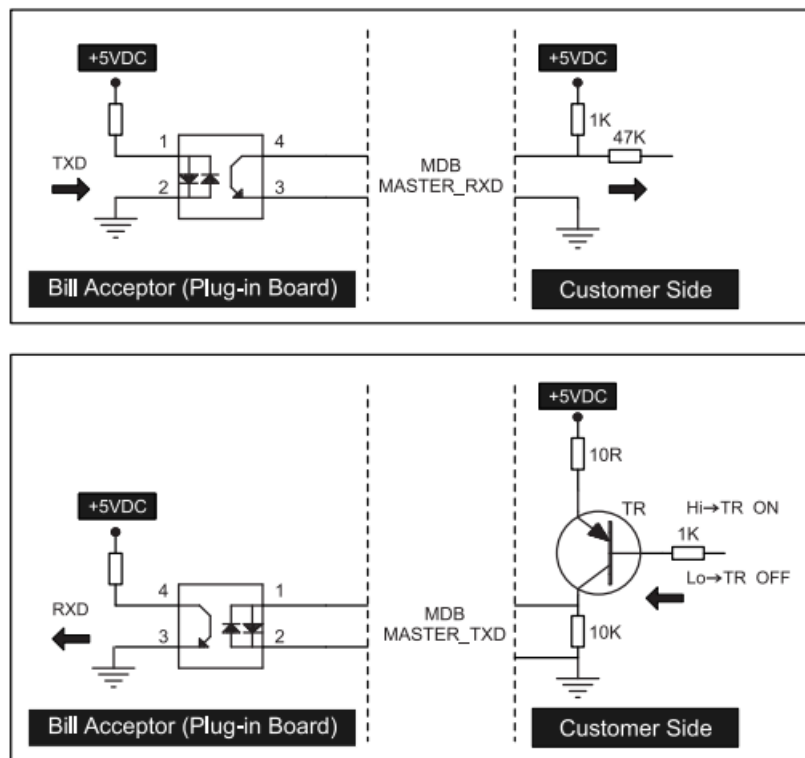
PIN 3- WHITE.....+12V
PIN 4- RED.....INHIBIT+
PIN 6- PURPLE.....MDB_RXD
PIN 10&18- BLACK.....GND
PIN 14- BLUE.....MDB_TXD
PIN 16- BROWN.....24VAC-Neutral
PIN 23- BLUE.....24VAC_HOT



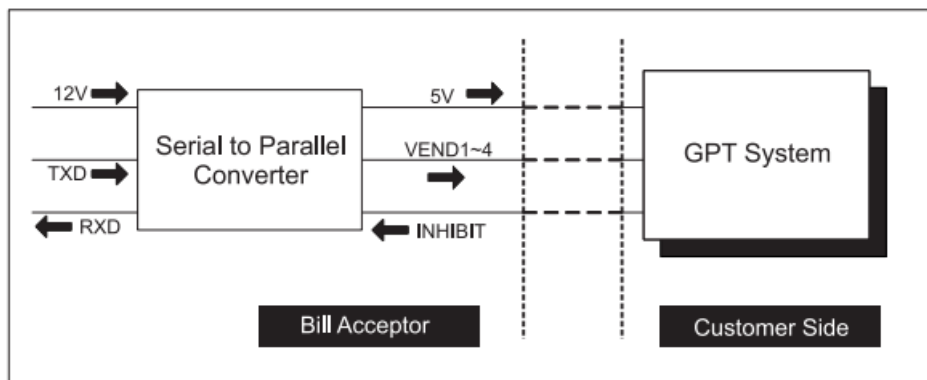
ICT-Protocol Interface.



MDB Interface

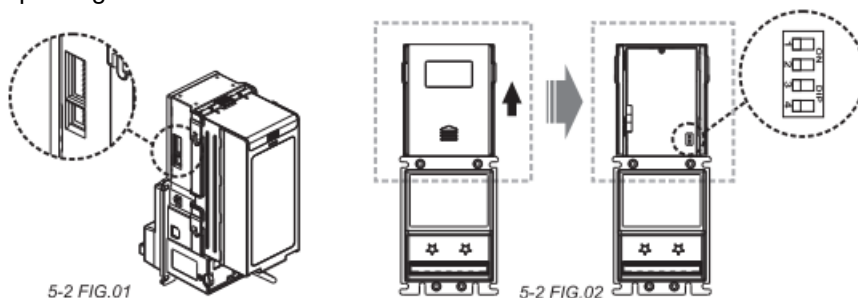


GPT Parallel Interface



DIP Switch Setting

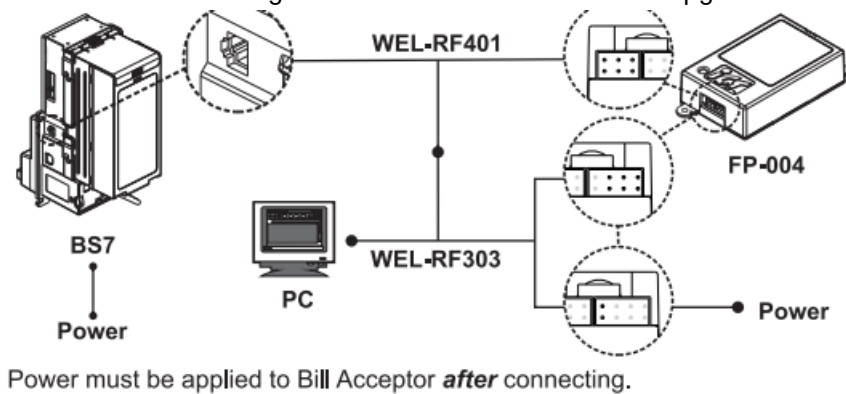
There are two serial DIP switches which are located on the side of BS? (as FIG.01). According to different currencies which are used by users, DIP switch settings could be varied to fit users' need. Besides, there's also a serial DIP switches on CPU board inside of BS? for interface settings.(as FIG.02) Please refer to "BS? DIP Switch Setting" Guide in the package for more detail.



Software Download and Upgrade

To download and upgrade the software to BS?, the programmer (FP-004) is needed. Please contact ICT to

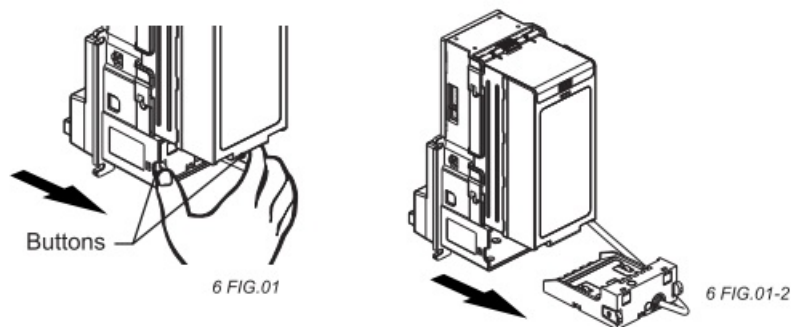
purchase FP-004 and refer to FP-004 user guide for software download and upgrade information.



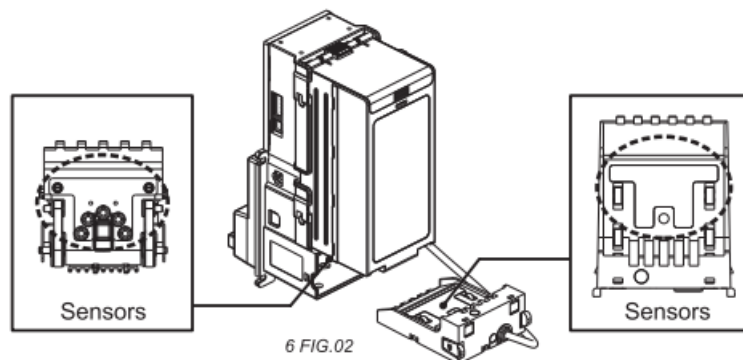
Maintenance

To make sure the bill acceptor always works smoothly, please clean the internal parts regularly.
To clean the internal parts:

1. Press the buttons on the sides of bill path unit and pull the unit out.

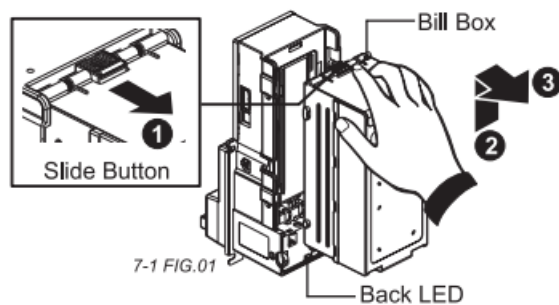


2. Use a soft, dry cloth or towel to clean the bill path and sensors.



Troubleshooting

Back LED Errors



LED	Status	Correct Actions
GREEN		
1	White Card Calibration.	Please calibrate with ICT white calibration card.

7-1 TABLE 01-1

LED Flashes	Status	Corrective Actions
GREEN		
1	Bill jammed.	Remove the bill box by sliding the top button and the bill path(as 7-1 FIG.01), and then remove the jammed bill.
2	Disable.	Inspect the right DIP switch setting.
3	Recognition sensor module error.	Inspect the foreign objects on sensor or bill path and clean.
3+2	Hook sensor error.	Inspect the foreign objects on security hook and clean.
4	Anti-string sensor error or a stringing attempt has detected.	Inspect the foreign objects on sensor or bill path and clean.
5	Bill box has been removed.	Replace the bill box.
6	Stacker error or stacker full.	Empty the bill box.
7	Motor error.	Inspect the foreign objects on bill path and clean.

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- Website: www.ictgroup.com.tw

Documents / Resources

 <p>BS7 Bill Acceptor Recycler</p> <p>International Currency Technologies Corp.</p>	<p>iCT BS7 Bill Acceptor Recycler [pdf] Installation Guide BS7, Bill Acceptor Recycler</p>
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