

6. General Specifications:

Currency and
Protocol:

See Software Description Document

Electrical
Specification:

Voltage	Max. Operating Current	Max. Current
24 V DC	2.5 A	4.0 A

Use only current limiting CSA or UL approved Power Supply.

Operating
Temperature:

-0 to +50 Degrees Celsius

Weight:

< 18 kg (Without Cassette)

Weight of Cassette:

2.3 kg

Features:

Single Width Loader, 67 mm
End Switch for the Cassette
Lockable Recycling Storage

Items

Enclosed:

Bill-to-Bill Currency Management System
User Guide
Software Description
Security Locks Installation Instruction OPT-BB-INST-5
Mounting Kit for Lock Installation OPT-MKBB-LOCK
Mounting Kit for Grounding Connection OPT-MKBB-GND
Mounting Kit for Dispensing Cassette OPT-MK-BBD

Optional:

Sensor Box Extractor OPT-HW-FT01
Mounting Kit Outlet Connector OPT-MKBB-EA



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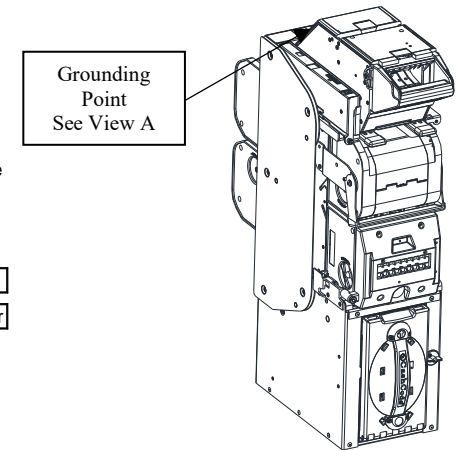
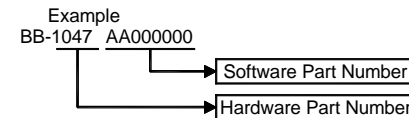
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Bill-to-Bill Currency Management System

BB-5333

The Part Number on the Label includes Hardware Part Number and Software Part Number.



1. Assembly Contents:

Unit	Part No.	Description
Validating Head	SL-0015	Single Width Loader, 67 mm
Bezel	MFLB-6301	Metal Outer Dispenser Bezel
Housing	BBH-5520	1000, RFID
Chassis	BBC-0110	Holder for 3 Recycling Cassettes, Dispensing Cassette and Path Switch
Dispensing Cassette	BBD-0510	Metal Bezel with GND
Recycling Cassette	BBR-0111	Lockable, Storage from 90 to 110 Bills
Path Switch	BBS-0110	Separating of Bills
B2B Power Interface	BBP-5730	24 V DC, RS-232 with RFID
Box Control Unit	BCU-0001	Stacking of Bills into Cash Box

2. DIP Switch Setting:

DIP switches may be accessed by removing the Validating Head and opening the transparent cover at the rear. See Software Description for correct denominations and settings.

SW No.1	ON State	OFF State	Default
SW 1.1	Bill Type 1 Enable	Bill Type 1 Disable	ON
SW 1.2	Bill Type 2 Enable	Bill Type 2 Disable	ON
SW 1.3	Bill Type 3 Enable	Bill Type 3 Disable	ON
SW 1.4	Bill Type 4 Enable	Bill Type 4 Disable	ON
SW 1.5			ON
SW 1.6			ON
SW 1.7			ON
SW 1.8			ON

SW No.2	ON State	OFF State	Default
SW 2.1	Four Way	One Way	ON
SW 2.2	High Acceptance	High Security	ON
SW 2.3	9 600 bps	19 200 bps	ON
SW 2.4			ON

3. Interface Connector Pinout:

Mating Connector:

Socket 43645-1000 (Molex)

Contact 43030-0008 (Molex)



Terminal	Circuit
1	+ 24 V DC
2	+ 24 V DC
3	0 V DC
4	0 V DC
5	GND
6	GND
7	TxD
8	RxD
9	M – RES
10	COMM GND

4. Diagnostics:

Chart below lists the validator malfunctions, as indicated by the flashing bezel light:

No. of Consecutive Flashes	Malfunction
1 Green/ Red	COM Port CRC error
2 Green/ Red	Internal CRC error
3 Green/ Red	Improper Memory Stick
4 Green/ Red	Memory Stick is absent
5 Green/ Red	Improper type of Memory Stick
6 Green/ Red	Download error

5. Grounding:

1. Ground terminal must be connected to the host machine ground.
2. Use Mounting Kit OPT-MKBB-GND.
3. Connect grounding cable to screw shown. A copper wire of 14 - 12 AWG may also be used.

