

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 +60 Degrees Celsius

Weight: 18.2 kg (Without Cassette)

Weight of Cassette: 2.3 kg

Features: Multi-Width Validating Head
End Switch for the Cassette
Metal Coin-Proof Bezel
Lockable Recycling Storage
Three Recycling Cassettes
Outdoor Application (Coated Boards)

Items Enclosed: Bill-to-Bill Currency Management System
User Guide
Software Description
Prepare to Operation Instruction OPT-BB-INST-4
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
Wiring Harness OPT-HS-BB-CCNET

Optional: Sensor Box Extractor OPT-HW-FT01
Mounting Kit Outlet Connector OPT-MKBB-EA
CCNET Interface Description OPT-MAN-CCNET



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<http://www.suzohapp.com/Bill-to-Bill>

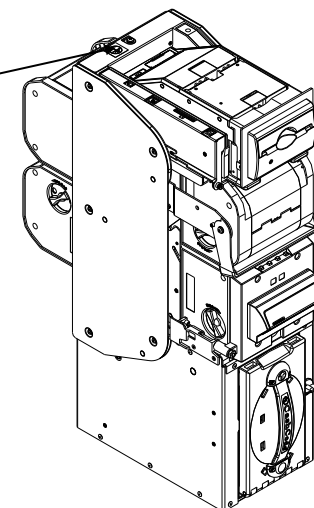
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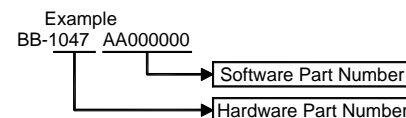
Bill-to-Bill Currency Management System

MBB-5330

Grounding Point
See View A



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



1. Assembly Contents:

| Unit | Part No. | Description |
|---------------------|------------------------|---|
| Validating Head | MFLV-9013 | With Multi-Width Centering Mechanism |
| Sense -A- Click | FLS-1706U FLS-1706L | Sense-A-Click Sensor Packs |
| Bezel | MFLB-7102 | Metal Coin-Proof Bezel with GND |
| Housing | BBH-5514 | 1000, RFID |
| Chassis | BBC-0110 | Holder for 3 Recycling Cassettes, Dispensing Cassette and Path Switch |
| Dispensing Cassette | BBD-0310 | 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 Drop 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 | Bill Type 5 Enable | Bill Type 5 Disable | ON |
| SW 1.6 | Bill Type 6 Enable | Bill Type 6 Disable | ON |
| SW 1.7 | Bill Type 7 Enable | Bill Type 7 Disable | ON |
| SW 1.8 | Bill Type 8 Enable | Bill Type 8 Disable | ON |

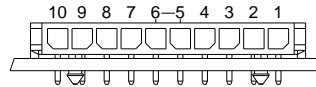
| SW No.2 | ON State | OFF State | Default |
|---------|----------|--------------------|---------|
| SW 2.1 | Four Way | One Way | ON |
| SW 2.2 | Reserved | Reserved | ON |
| SW 2.3 | Reserved | Reserved | ON |
| SW 2.4 | Service | Host Communication | OFF |

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.

