

Software Information Sheet



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General Information

Model Name:	EBA-32-SD3				SW Req. No.	G08-075			
SW. Name:	EBA-32(POL)-SD3 ID-003				Date: (mm,dd,yyyy)	04.23.2008		Rev:	B1
SW. Version:	V3.70-01				Note:				
Country (Code):	Poland				Guide:				
Currency:	Zlotych				Check Sum:	19CB			
Direction:	4Way				CRC (seed= 0000):	3D40			
Denomination:	Denomi.	Printed	Issued	MRI#	Denomi.	Printed	Issued	MRI#	
Years & MRI Ident 64/65th	10	'94	'95	PLN10.1					
	20	'94	'95	PLN20.1					
	50	'94	'95	PLN50.1					
	100	'94	'95	PLN100.1					
	200	'94	'95	PLN200.1					
Acceptance Rate:	No less than 90%								
EPROM:	8 Mbit, 100 ns data acces, or faster. ST Part M27C801-100F1 or equivalent								
Modifications:	New Software Development								
Validation:									
Operation:									
Interface:									
Memo:	- The 10 Zlotych banknotes acceptance will be disabled when the SD3 cash box operation is selected as their size is out of the specification.								

Dip Switch Settings

#	Dip Switch 1		Dip Switch 2	
1	OFF	Setting Off	Without SD3 operation	
	ON	Setting Off	SD3 operation (Not accept 10Zlotych)	
2	OFF	10 ACCEPT	Disable optional key switch	
	ON	10 INHIBIT	Enable optional key switch	
3	OFF	20 ACCEPT	Setting Off	
	ON	20 INHIBIT	Setting Off	
4	OFF	50 ACCEPT	Setting Off	
	ON	50 INHIBIT	Setting Off	
5	OFF	100 ACCEPT	Setting Off	
	ON	100 INHIBIT	Setting Off	
6	OFF	200 ACCEPT	Setting Off	
	ON	200 INHIBIT	Setting Off	
7	OFF	Setting Off	Setting Off	
	ON	Setting Off	Setting Off	
8	OFF	Setting Off	Setting Off	
	ON	Setting Off	Setting Off	

ID-003 Data Setting specification

VERSION DATA

SW. Version	E(POL)-32-SD3 ID003-04v370-01 23APR08 3D40
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ESCROW DATA

Code	Denomination
61h	10
62h	20
63h	50
64h	100
65h	200
66h	Reserved
67h	Reserved
68h	Reserved

CURRENCY ASSIGN DATA

Code	Country	Denomi	Exp.
61h	1Ah	01h	01h
62h	1Ah	02h	01h
63h	1Ah	05h	01h
64h	1Ah	0Ah	01h
65h	1Ah	14h	01h
66h	00h	00h	00h
67h	00h	00h	00h
68h	00h	00h	00h

ENABLE/DISABLE DATA

DATA bit	Data 1	Data 2
0	10	Reserved
1	20	Reserved
2	50	Reserved
3	100	Reserved
4	200	Reserved
5	Reserved	Reserved
6	Reserved	Reserved
7	Reserved	Reserved

0: Enable 1: Disable (Default: **E0FFh**)

SECURITY DATA

DATA bit	Data 1	Data 2
0	10	Reserved
1	20	Reserved
2	50	Reserved
3	100	Reserved
4	200	Reserved
5	Reserved	Reserved
6	Reserved	Reserved
7	Reserved	Reserved

0: Normal 1: Security Level high (Default: **0000h**)

DIRECTION DATA

DATA bit	Direction	Sample: USA
0	'A' Direction	
1	'B' Direction	
2	'C' Direction	
3	'D' Direction	
4	Not used	
5	Not used	
6	Not used	
7	Not used	

0: Not Inhibit 1: Inhibit (Default: **00h**)

OPTIONAL FUNCTION DATA

DATA bit	Data 1	Data 2
0	Hanging Function[01]	Not use
1	Power Recovery [02]	Not use
2	Not use	Not use
3	Not use	Not use
4	Not use	Not use
5	Not use	Not use
6	Not use	Not use
7	Not use	Not use

0: Disable 1: Enable (Default: **0000h**)

[01] Hanging Function

Rejection of the bill is completed with the end of the bill kept remaining in the acceptor.
(To prevent dropping of the bill)

[02] POWER RECOVERY

Limited to the case where power up status is {POWER UP WITH BILL IN STACKER}

with power supply off while ACCEPTOR is in {STACKING} status, {VEND VALID} is outputted in case initializing is completed normally.

Since SETTING STATUS becomes DEFAULT 0000H by power supply off, it is necessary to conduct setting without fail after {RESET} command is transmitted.

Remarks

(1) SECURITY DATA

This function is not enabled even if each denomination is set to “Security level high”.

(2) Operation with SD3 stacker: Output timing of [VEND VALID]

When [STACK-1] or [STACK-2] is received, EBA-30-SD3 will send [VEND VALID] in the following timings:

- * Output timing of [VEND VALID] upon receiving [STACK-1]
EBA-3x-SD3 will send [VEND VALID] after PB unit finishes its operation.
- * Output timing of [VEND VALID] upon receiving [STACK-2]
EBA-3x-SD3 will send [VEND VALID] when a bill is stacked into the cash box.

(3) Operation without SD3 stacker: Output timing of [VEND VALID]

EBA-3x will send [VEND VALID] at the timing of [STACK-1], regardless of receiving [STACK-1] or [STACK-2].

(4) Power recovery

Memory backup period for sec power outage is 5 seconds at minimum. For outage of more than 5 seconds, power recovery becomes impossible and the data in memory will be lost.

(5) The following “FAILURE” and “ERROR” status are added on the communication specification for ID-003 4 th edition.

*FAILURE Status

FAILURE [0x49] + DATA

DATA	Description
0xa1	Stacking mechanism failure
0xb6	Wrong download file
0xc1	Centering mechanism failure
0xc2	The rollers for centering mechanism do not move up and down
0xc3	Communication error with the stacker board

*ERROR Status

[0x4d] Key Unlocked

EBA-3x-SD3 will send this command when the cash box key is unlocked.

EBA-3x-SD3 will initialize itself when the cash box is put into place and the key is locked.

(The key switch is an optional part. EBA-3x-SD3 does not send the error status if the key switch is disabled with dipswitch settings. Bill acceptor does not send this command in operation without SD3 stacker.)

[0x4e] Stacker unit separated form acceptor unit

EBA-3x-SD3 will send this command when the stacker unit separated form acceptor unit .

EBA-3x-SD3 will initialize itself when the stacker unit is put into place.

(EBA-3x-SD3 does not send this command in operation without SD3 stacker)