

Software Information Sheet



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General Information

Model Name:	EBA-30/34-SD3			SW Req. No.	G08-197			
SW. Name:	EBA-30(SVK/EUR5)-SD3 ID-003E			Date: (mm,dd,yyyy)	7.18.2008	Rev:	B1	
SW. Version:	V3.75-01			Note:				
Country (Code):	Slovakia(SVK) & European Union(EUR)			Guide:				
Currency:	Koruna & EURO			Check Sum:	DCE9			
Direction:	4Way			CRC (seed= 0000):	25B3			
Denomination: Years & MRI Ident 66 th	Slovakia							
	Denomi.	Printed	Issued	MRI#	Denomi.	Printed	Issued	MRI#
	20	'93	'93	SVK20.2	500	'00	'00	SVK500.3
	50	'93	'93	SVK50.2	1,000	'93	'93	SVK1000.2
	100	'93, '96	'93,	SVK100.2	1,000	'99	'99	SVK1000.3
	200	'95,	'95	SVK200.1	5,000	'95	'95	SVK5000.1
	200	'99	'99,	SVK200.2	5,000	'99	'99	SVK5000.2
	500	'93,	'93	SVK500.2				
	Euro							
	Denomi.	Printed	Issued	MRI#	Denomi.	Printed	Issued	MRI#
	5	'02		EUR5.1	100	'02		EUR100.1
	10	'02		EUR10.1	200	'02		EUR200.1
	20	'02		EUR20.1	500	'02		EUR500.1
	50	'02		EUR50.1				
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 5,000 Korun banknotes acceptance will be disabled when the SD3 operation is selected as their length is out of the specifications.							

Dip Switch Settings

#	Dip Switch 1		Dip Switch 2	
1	OFF	Setting Off		Without SD3 operation
	ON	Setting Off		SD3 operation (Not accept 5,000 Koruna)
2	OFF	20 Koruna	ACCEPT	Disable optional key switch
	ON	20 Koruna	INHIBIT	Enable optional key switch
3	OFF	50 Koruna	ACCEPT	Setting Off
	ON	50 Koruna	INHIBIT	Setting Off
4	OFF	100 Koruna	ACCEPT	5 Euro ACCEPT
	ON	100 Koruna	INHIBIT	5 Euro INHIBIT
5	OFF	200 Koruna	ACCEPT	10 Euro ACCEPT
	ON	200 Koruna	INHIBIT	10 Euro INHIBIT
6	OFF	500 Koruna	ACCEPT	20 Euro ACCEPT
	ON	500 Koruna	INHIBIT	20 Euro INHIBIT
7	OFF	1,000 Koruna	ACCEPT	50 Euro ACCEPT
	ON	1,000 Koruna	INHIBIT	50 Euro INHIBIT
8	OFF	5,000 Koruna	ACCEPT	100 / 200/ 500 Euro ACCEPT
	ON	5,000 Koruna	INHIBIT	100 / 200/ 500 Euro INHIBIT

ID-003 Data Setting specification

VERSION DATA

SW. Version	E(SVK/EUR5)-30-SD3 ID003E-04v375-01 16JUL08 25B3
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ESCROW DATA

Code	Denomination
61h	Reserved
62h	20
63h	50
64h	100
65h	200
66h	500
67h	1000
68h	5000
71h	Reserved
72h	5
73h	10
74h	20
75h	50
76h	100
77h	200
78h	500

CURRENCY ASSIGN DATA

Code	Country	Denomi	Exp.
61h	00h	00h	00h
62h	41h	02h	01h
63h	41h	05h	01h
64h	41h	0Ah	01h
65h	41h	14h	01h
66h	41h	32h	01h
67h	41h	64h	01h
68h	41h	32h	02h
71h	00h	00h	00h
72h	E0h	05h	00h
73h	E0h	0Ah	00h
74h	E0h	14h	00h
75h	E0h	32h	00h
76h	E0h	0Ah	01h
77h	E0h	14h	01h
78h	E0h	32h	01h

ENABLE/DISABLE DATA

DATA bit	Data 1	Data 2
0	Reserved	Reserved
1	20	5
2	50	10
3	100	20
4	200	50
5	500	100
6	1000	200
7	5000	500

0: Enable 1: Disable (Default: **0101h**)

SECURITY DATA

DATA bit	Data 1	Data 2
0	Reserved	Reserved
1	20	5
2	50	10
3	100	20
4	200	50
5	500	100
6	1000	200
7	5000	500

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-3x-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)