				Ref.	
		DESCRIPTION		PE1358	

To-Till	From-Från	|Date-Datum	|Reg.	Page-Sidan
			01-02-02		**1**
	Dealt with by-Utfärdare			Telephone-Telefon-nr	
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PE1358A and B differences

1. Receiving Regular Data (addr 0-255) from SELMA/SAMI/SELE

Regular data is sent automatically from SELMA/SAMI/SELE. Regular data can be in address space 0 - 255.

PE1358A can handle up to 8 regular data values from SELMA/SAMI/SELE
PE1358B can handle up to 16 regular data values from SELMA/SAMI/SELE

Note.
I think there is a limitation in SAMI and SELE of sending max 8 regular values.
Only when PE1358B is connected to Selma then all 16 values can be used.

2. Receiving Requested Data from SAMI/SELE for data addr bigger then 255

Requesting values from SAMI/SELE has to be used if address is bigger than 255.
PE1358 is using a mailbox function to get data from SAMI/SELE.
PE1358 write the Address into the mailbox (mailbox addr 84H). The result will be send back to PE1358 in mailbox (mailbox addr 85H).

PE1358A can Request 2 addresses from SAMI/SELE.
PE1358B can not use Request data function.

Note.
This function can not be used if SELMA is connected to PE1358.

3. Sending Regular Data (addr 0-255) to SELMA/SAMI/SELE

Regular data is sent to SELMA/SAMI/SELE when data is changed or if data not is changed within refresh interval.

PE1358A and PE1358B can send up to 8 regular data to SELMA/SAMI/SELE.

4. Sending Requested transmit Data to SELMA/SAMI/SELE

Requested values to SAMI/SELE has to be used if address is bigger than 255.
PE1358 is using a mailbox function to send requested data to SAMI/SELE
Requested data is sent to SELMA/SAMI/SELE when data is changed or if data not is changed within refresh interval.

PE1358A can send up to 2 requested data to SAMI/SELE.
PE1358B can not send requested data.

Note.
This function can not be used if SELMA is connected to PE1358.

5. Conclusion

In most application PE1358B can be used. Only when data on addresses higer then 255 must be transferred to/from SAMI/SELE then PE1358A has to be used.