

### Controls using Profibus continuous mode

When controls are used in Profibus continuous mode it must be remembered that the first byte in the Rx-buffer is reserved for future diagnostics. This byte should not be written from the bus. Some masters will react with error indications if this byte is controlled. However when making the configuration for Profibus Rx-buffer the first byte can not be left empty, an item that is never used for control must be selected at offset 000. See picture below.

+ DIRECTIONAL O/C STAGE...					058	
+ REVERSE POWER STAGE...						
UNDER CURRENT STAGE I<	37	Average line voltage	2	1000 V = 1000	Voltage scaling	059
UNBALANCE STAGE I2>	46					060
THERMAL OVERLOAD STAGE T>	49	Average phase voltage	2	1000 V = 1000	Voltage scaling	061
+ EARTH-FAULT STAGE...						062
+ DIRECTIONAL B/F...						063
+ OVERVOLTAGE STAGE...						064
+ UNDERVOLTAGE STAGE...						
+ RESIDUAL VOLTAGE STAGE...						
+ FREQUENCY STAGE...						
+ UNDERFREQUENCY STAGE...						
FREQUENCY STAGE df/dt	81R					
+ PROGRAMMABLE STAGE...						
CB FAILURE PROTECTION	50BF	<b>Profibus Rx buffer</b>				
O B J E C T S		<b>Name</b>	<b>Length</b>	<b>Scaling</b>	<b>Setting for scaling</b>	<b>Offset</b>
AUTO RECLOSING	79	1st byte reserved	1	1 = 1	-	000
AR Shot settings	79	Open select Obj1	1	1 = 1	-	001
AR COUNTER TEXTS		Close select Obj1	1	1 = 1	-	002
CBWEAR		Execute operation Obj1	1	1 = 1	-	003
+ SUPERVISOR...		Open select Obj2	1	1 = 1	-	004
RELEASE OUTPUT MATRIX LATCHES		Close select Obj2	1	1 = 1	-	005
+ MATRIX...		Execute operation Obj2	1	1 = 1	-	006
L O G I C		Open select Obj3	1	1 = 1	-	007
M I M I C		Close select Obj3	1	1 = 1	-	008
+ LOCAL...		Execute operation Obj3	1	1 = 1	-	009
S C A L I N G		Open select Obj4	1	1 = 1	-	010
STAGE EVENT ENABLING		Close select Obj4	1	1 = 1	-	011
+ EVENT MASKS for...		Execute operation Obj4	1	1 = 1	-	012
DI EVENT TEXTS		Open select Obj5	1	1 = 1	-	013
+ EVENT ENABLING...		Close select Obj5	1	1 = 1	-	014
CLOCK SYNC		Execute operation Obj5	1	1 = 1	-	015
P R O T O C O L CONFIGURATION						
+ SPABUS...						
EXTERNAL I/O CONFIGURATION						
+ MODEBUS...						
PROFIBUS MAIN CONFIGURATION						
PROFIBUS: CONTINUOUS MODE						

Also note that it is not recommended that the Profibus master is connected to the VAMP device when doing settings from Vampset software. Continuous controls of some items may prevent the VAMP device from applying new settings in a correct manner.

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