

Bit00 Drive ready  
 Bit01 Drive ready to run  
 Bit02 Drive running  
 Bit03 Drive fault active  
 Bit04 OFF2 active  
 Bit05 OFF3 active  
 Bit06 ON inhibit active  
 Bit07 Drive warning active  
 Bit08 Deviation setpoint / act. value  
 Bit09 PZD control  
 Bit10 Maximum frequency reached  
 Bit11 Warning: Motor current  
 Bit12 Motor holding brake active  
 Bit13 Motor overload  
 Bit14 Motor runs right  
 Bit15 Inverter overload

Bit00 DC brake active  
 Bit01 Act. freq. r0021 > P2167 (f\_off)  
 Bit02 Act. freq. r0021 > P1080 (f\_min)  
 Bit03 Act. current r0027 >= P2170  
 Bit04 Act. freq. r0021 >= P2155 (f\_1)  
 Bit05 Act. freq. r0021 < P2155 (f\_1)  
 Bit06 Act. freq. r0021 >= setpoint  
 Bit07 Act. Vdc r0026 < P2172  
 Bit08 Act. Vdc r0026 > P2172  
 Bit09 Ramping finished  
 Bit10 PID output r2294 == P2292 (PID\_min)  
 Bit11 PID output r2294 == P2291 (PID\_max)  
 Bit14 Download data set 0 from AOP  
 Bit15 Download data set 1 from AOP

CO/BO: Act StatWd1

r0052  
r0052

CO: f\_act filt 1 [Hz]

r0021

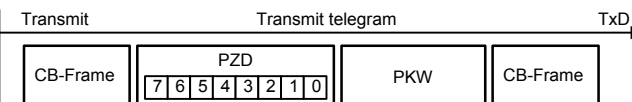
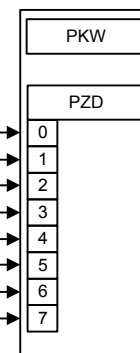
CO/BO: Act StatWd2

r0053  
r0053

P2051

[0]  
[1]  
[2]  
[3]  
[4]  
[5]  
[6]  
[7]

**Note:**  
 P2051[0] = 52  
 P2051[1] = 21  
 P2051[3] = 53  
 are default settings

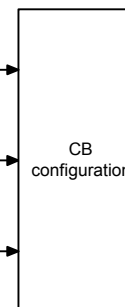


Bit0 = 1

Change par. via  
 0 ... 15  
 P0927 (15)

CB tel. off time  
 0 ... 65535 [ms]  
 P2040 (20)

CB parameter  
 0 ... 65535  
 P2041 [5] (0)



1	2	3	4	5	6	7	8	
External Interfaces					2710_CBonCOM.vsd	Function diagram		- 2710 -
CB on COM link, Transmitting					16.01.2006 V2.1	MICROMASTER 440		