

- 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 limit
 - Bit12 Motor holding brake active
 - Bit13 Motor overload
 - Bit14 Motor runs right
 - Bit15 Inverter overload
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- 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

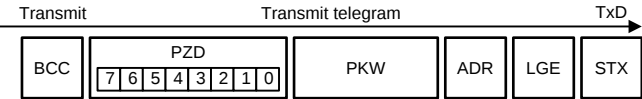
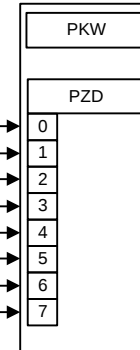
CO: f_act filt 1 [Hz]

r0021

CO/BO: Act StatWd2

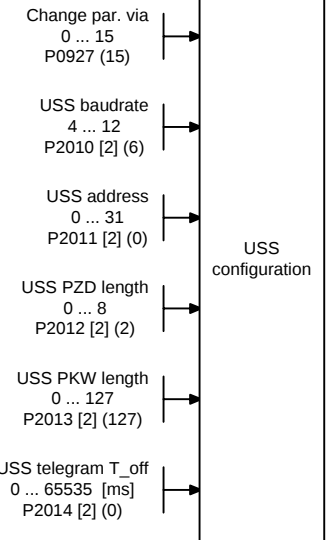
r0053
r0053

Note:
P2016[0] = 52
P2016[1] = 21
P2016[3] = 53
are default settings



Bit3 = 1

All parameters:
Index = 0
=> COM link



1	2	3	4	5	6	7	8
External Interfaces					2610_USSonCOM.vsd	Function diagram	- 2610 -
USS on COM link, Transmitting					16.08.2006 V2.1	MICROMASTER 430	