

From the fault buffer [8060.6]

From the alarm buffer [8065.4]

Bit No.	Status word, faults/alarms 1
0	1 = Acknowledgement running
1 2	Reserved
3	1 = Fault present
4	Reserved
5	1 = Safety signal present
6	1 = Internal signal 1 present
7	1 = Alarm present
8	1 = Internal signal 2 present
9 ... 15	Reserved

ZSW faults/alarms 1

r2139

Source sampling time

Refer to [1020.7]

r2139.0

r2139.3

r2139.5

r2139.6

r2139.7

r2139.8

ZSW faults/alarms 2

r2135

Bit No.	Status word, faults/alarms 2
0	1 = Fault, encoder 1
1	1 = Fault, encoder 2
2	1 = Fault, encoder 3
3 ... 11	Reserved
12	1 = Fault motor overtemperature
13	1 = Fault, thermal overload, power module
14	1 = Alarm motor overtemperature
15	1 = Alarm, thermal overload, power module

r2135.0

r2135.1

r2135.2

From the thermal monitoring, motor [8016.8]

From the thermal monitoring, power module [8014.8]

From the thermal monitoring, motor [8016.8]

From the thermal monitoring, power module [8014.8]

r2135.12

r2135.13

r2135.14

r2135.15

1

2

3

4

5

6

7

8

DO: All objects

fp_2548_51_eng.vsd

Function diagram

Internal control/status words - Status word, faults/alarms 1 and 2

31.05.06 V02.05.00

SINAMICS

- 2548 -