

PROFIdrive  
receive/send telegram

Telegram 370  
[2447], [2457]

- Slave address
- Diagnostics
- Interconnection of the free receive and send telegrams

[2410], [2460], [2470]

Control words Status words

STW1

:

STW2

:

ZSW1

:

ZSW2

:

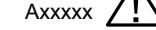
[8920] ... [8928]

Sequence control

[8932], [8934]

Faults and alarms

Fxxxxx  
Axxxxx



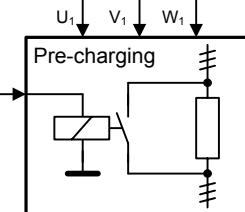
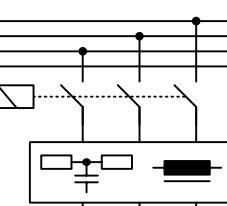
Closed-loop control operation  
r0863.0 to SERVO/VECTOR  
p0864: [2610]

Control Unit

Energize contactor  
r0863.1

Active Infeed

L1  
L2  
L3  
PE

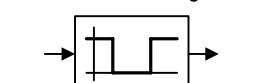


Line supply voltage monitoring



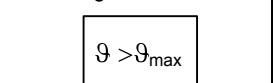
[8960]

Line supply frequency and Vdc monitoring



[8964]

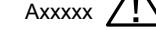
Thermal power module monitoring



[8014]

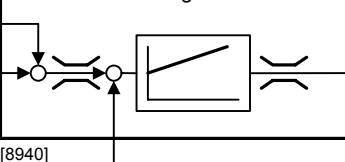
Faults and alarms

Fxxxxx  
Axxxxx



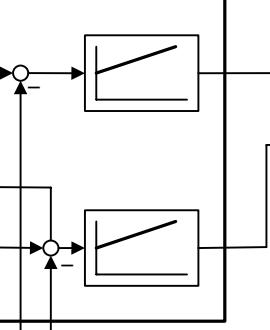
[8060] ... [8075]

DC link voltage controller



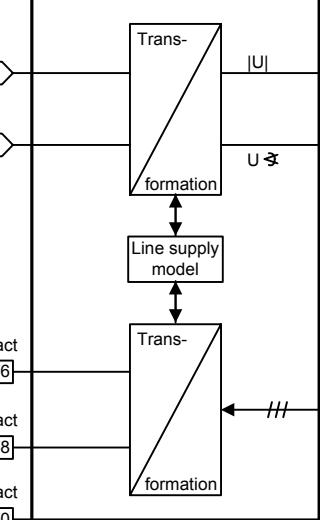
[8940]

Current controller

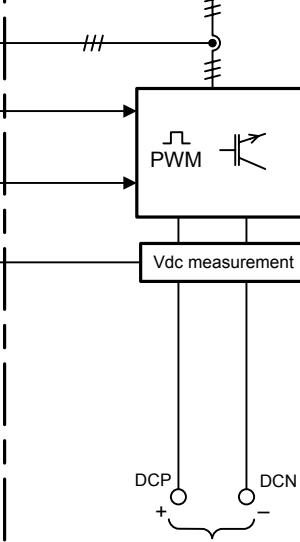


[8946]

Gating signals, actual values



[8950]



To the motor modules

1

2

3

4

5

6

7

8

DO: A\_INF

Overviews - Active Infeed

fp\_1774\_01\_eng.vsd

27.07.06 V02.05.00

Function diagram

SINAMICS S

- 1774 -