

PROFIdrive  
receive/send  
telegram

Telegram  
370

E\_STW1  
E\_ZSW1

[2447], [2457]

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

[2410], [2460], [2470]

Control words Status words

STW1

STW2

⋮

ZSW1

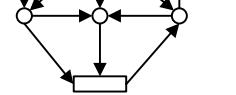
⋮

ZSW2

⋮

[8820] ... [8828]

Sequence control



[8832], [8834]

Closed-loop  
control operation

[r0863.0] to SERVO/VECTOR

p0864! [2610]

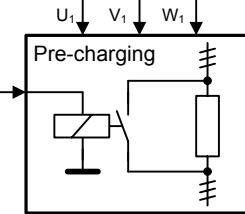
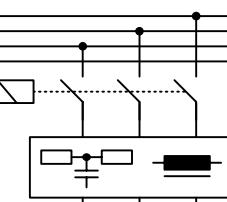
Control Unit

Energize contactor

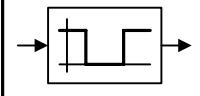
r0863.1

Smart Infeed

L1  
L2  
L3  
PE

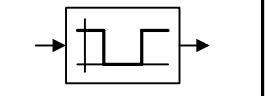


Line supply voltage monitoring



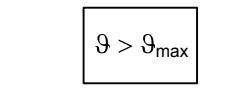
[8860]

Line supply frequency  
and Vdc monitoring



[8864]

Thermal power module  
monitoring



[8014]

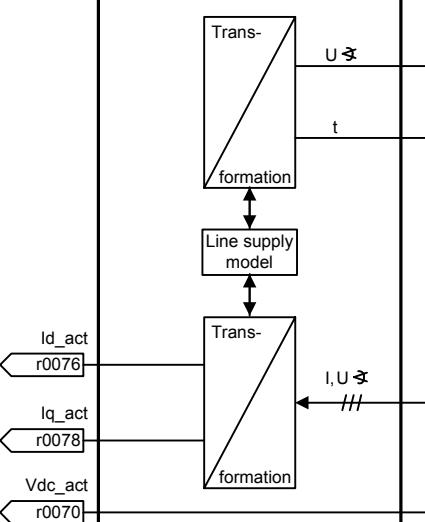
Faults and alarms

Fxxxxx  
Axxxxx

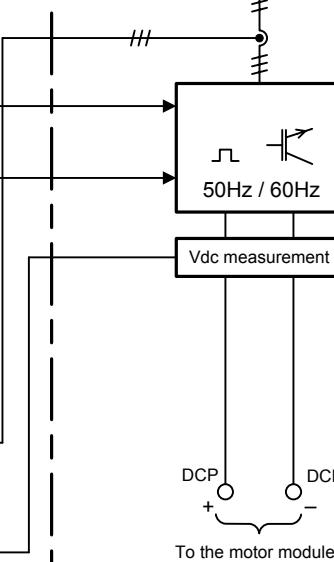


[8060] ... [8075]

Gating signals, actual values



[8850]



To the motor modules

1

2

3

4

5

6

7

8

DO: S\_INF

Overviews - Smart Infeed

fp\_1775\_01\_eng.vsd

Function diagram

- 1775 -

26.07.06 V02.05.00

SINAMICS S