

Missing enable signals

Missing enable signals that prevent the drive going into operation
(this situation can be detected at the ZSW sequence control, infeed r0899.2 = 1 [8926]).

p0115[3] (2000.00 μs)

Control unit

Line contactor control

Bit Nr.	Bedeutung
0	1 = OFF1, enable missing
1	1 = OFF2, enable missing
2	1 = OFF3, enable missing
3	1 = Enable operation missing
4	1 = Armature short-circuit, enable missing
5	1 = STOP2, enable missing
6	1 = STOP1, enable missing
8	1 = EP terminals, enable missing
9	1 = Infeed, enable missing
10	1 = Ramp-function generator enable missing
11	1 = Ramp-function generator start missing
12	1 = Setpoint, enable missing
16	1 = OFF1, enable, internal missing
17	1 = OFF2, enable, internal missing
18	1 = OFF3, enable, internal missing
19	1 = Pulse enable, internal missing
20	1 = Internal armature short circuit enable missing
21	1 = STOP2, enable internal missing
22	1 = STOP1, enable internal missing
25	1 = Function bypass active
26	1 = Drive inactive or not operational
27	1 = Demagnetization not completed
28	1 = Open brake missing
29	1 = Cooling system ready missing
30	1 = Speed controller inhibited
31	1 = Jog setpoint active

Missing enable sig
r0046

1 = Internal RFG missing [3060.2]
[3070.2]

Line contactor control
from sequence control

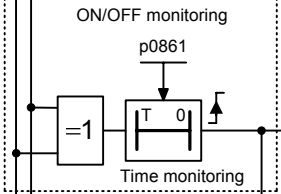
[2610.4] <2>
[8732.4]
[8832.4]
[8932:4]

Energize
line contactor
r0863.1
[8964.6]

Line contactor feedback signal
p0860
r0863.1
[2120]...[2133]

0 = Internal
fast stop
[3060.2]
[3060.4]
[3070.2]
[3070.4]

Fault with
OFF3 response



F07300
"Line contactor
feedback signal
missing"

From the line
supply

+24 V

To the infeed
<2>

[2701.8]

<1> Only for VECTOR.
<2> For AC/AC devices, diode infeed

1	2	3	4	5	6	7	8
DO: SERVO, VECTOR					fp_2634_01_eng.vsd	Function diagram	
Sequence control - Missing enable signals, line contactor control					23.03.07 V02.05.00	SINAMICS S	
							- 2634 -