

B41
5V/0.6A isolated DC-DC converter, Omron S82S-7305

B42
EKL100
Beckhoff EtherCAT coupler

B43
EL7332
2-channel DC motor output stage 24V DC, 1 A

B44
EL1094
4-channel digital input terminals, 24V, n-type

B45
EL7332
2-channel DC motor output stage 24V DC, 1 A

B46
EL1094
4-channel digital input terminals, 24V, n-type

B47
EL1094
4-channel digital input terminals, 24V, n-type

B48
EL2008
8-channel digital output terminals, 24V

B49
EL1094
4-channel digital input terminals, 24V, n-type

B50
EL2008
8-channel digital output terminals, 24V

B51
EL3104
4-channel analog input terminals, differential, 16 bits

B52
EL3104
4-channel analog input terminals, differential, 16 bits

B53
EL4134
4-channel analog output terminals, differential, 16 bits

B54
EL4134
4-channel analog output terminals, differential, 16 bits

B55
EL9410
Power supply terminals for E-bus, diagnostics

B56
EL3104
4-channel analog input terminals, differential, 16 bits

B57
EL4132
2-channel analog output terminals, differential, 16 bits

B58
EL1124
4-channel digital input terminals, 5V

B59
EL2124
4-channel digital output terminals, 5V

B60
EL2124
4-channel digital output terminals, 5V

B61
EL2124
4-channel digital output terminals, 5V

B62
EL2124
4-channel digital output terminals, 5V

B63
EL2124
4-channel digital output terminals, 5V

B64
EL2124
4-channel digital output terminals, 5V

B65
EL9410
Power supply terminals for E-bus, diagnostics

B66
EL3104
4-channel analog input terminals, differential, 16 bits

B67
EL4132
2-channel analog output terminals, differential, 16 bits

B68
EL1124
4-channel digital input terminals, 5V

B69
EL2124
4-channel digital output terminals, 5V

B70
EL2124
4-channel digital output terminals, 5V

B71
EL2124
4-channel digital output terminals, 5V

B72
EL2124
4-channel digital output terminals, 5V

B73
EL2124
4-channel digital output terminals, 5V

B74
EL2124
4-channel digital output terminals, 5V

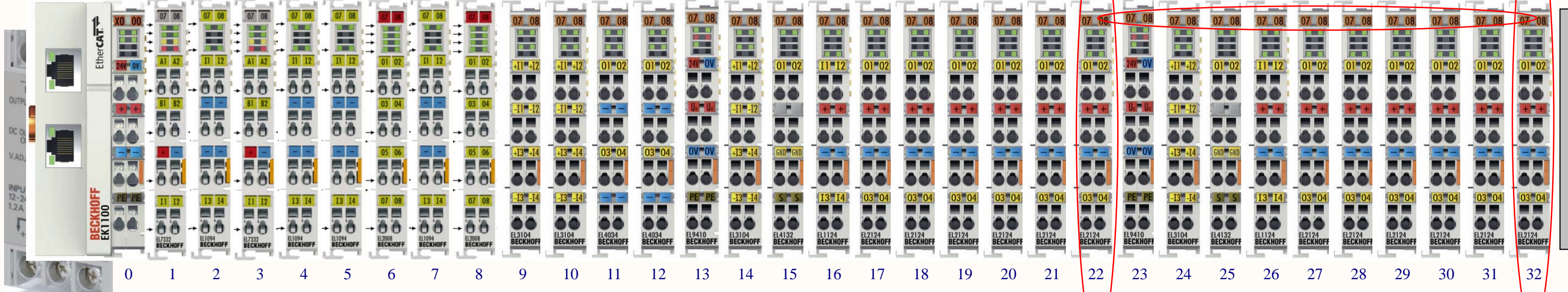
B75
EL9011
End cap

Remove label of slot #22 and add it to one of the terminals (#31)
Move labels #23 to #30 one slot over; add #31 at the end
Move terminals as far to the front as possible
Make space for new terminal 22
Add Terminals 22 and 32 to rail.
Hook wires to slot 2 and 3 according to E1200077v3

Relabel

New

New



Ebus 24V
Power 24V

24V
5V

24V
5V

DC_6

Beam Diverter Shutter

CM Sum A

CM Sum B

Power budget:
 EL7332: 0.140 A (2x)
 EL1094: 0.090 A (4x)
 EL2008: 0.110 A (2x)
 EL3104: 0.180 A (2x)
 EL4134: 0.265 A (2x)

 1.750 A

Power budget:
 EL3104: 0.180 A (1x)
 EL4132: 0.210 A (1x)
 EL2124: 0.130 A (6x)
 EL1124: 0.090 A (1x)

 1.260 A

Power budget:
 EL3104: 0.180 A (1x)
 EL4132: 0.210 A (1x)
 EL2124: 0.130 A (6x)
 EL1124: 0.090 A (1x)

 1.260 A

Changes from V2 to V3

Title EtherCAT Corner 5: Right Rail		
Size B	Number D1200132	Revision 3
Date: 10/11/2013	Sheet 2 of 4	
File: D:\Users\...\EtherCATCornerE4.SchDoc	Drawn By: Daniel Sigg	