

Flexi Soft Designer

SICK

Application name: SICK CPU0 main unit

CRC Tool: 0x4CA90F6B - CRC Device: 0x00000000

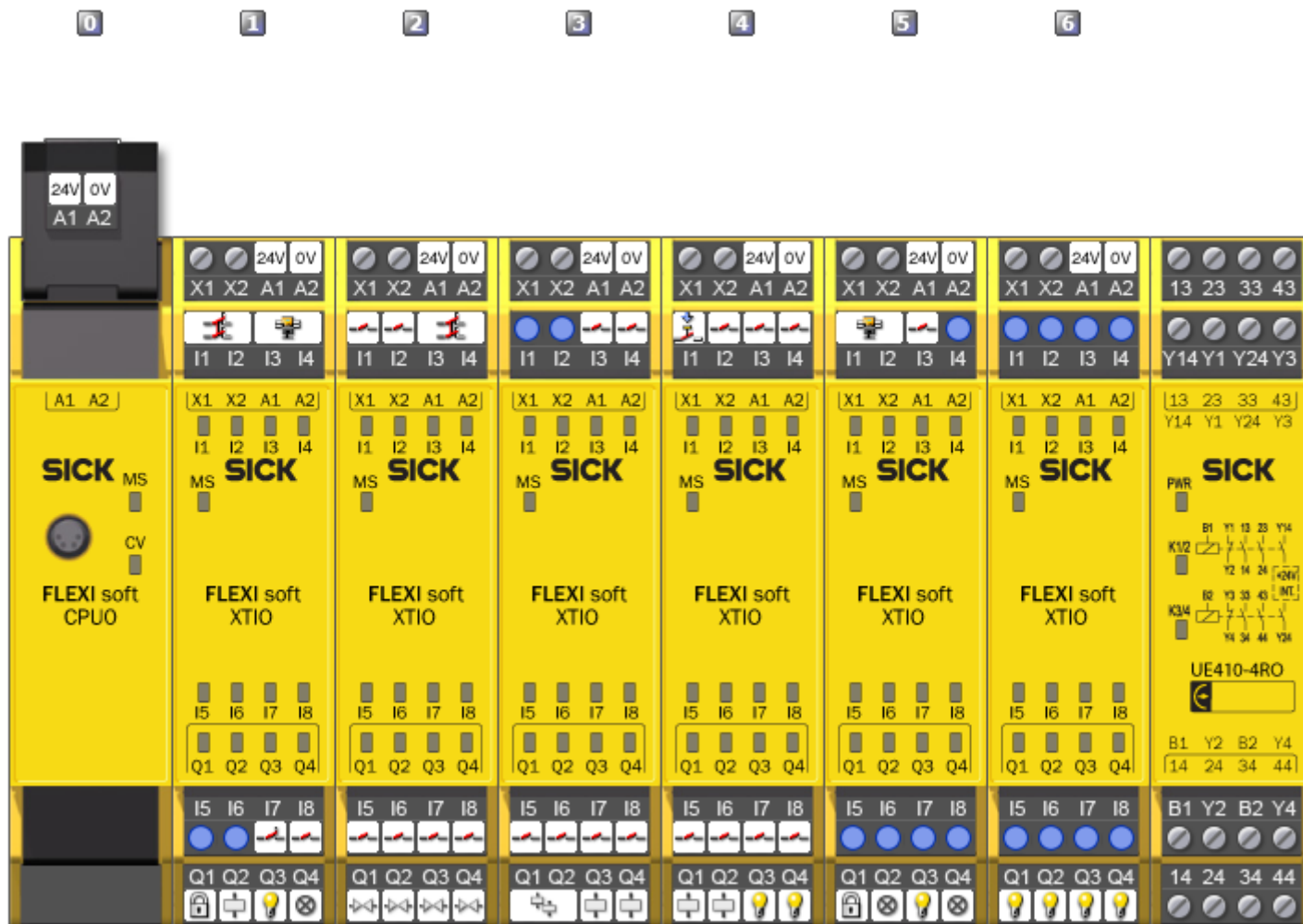
Configuration date and time: 1/3/2011 10:19:00 AM

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1. Bill of material



QTY	Title	Tag name	Part number	Internal item number	Description
1	CPU0	CPU0[0]	1043783		SICK CPU0 module
1	MPL0	System plug	1043700		Flexi Soft system plug
1	XTIO	XTIO[1]	1044125		SICK XTIO input/output expansion module
1	Single channel NC / Single channel	(7)_nouzový stop ze stroje.XTIO[1].I7			
1	Single channel NO / Single channel	(8)_pomocný signál_stav PLC.XTIO[1].I8			
1	Interlock / Dual channel	Interlock.XTIO[1].Q1/I3I4			
1	Motor contactor / Single channel	(61)_Motor Hydraulika.XTIO[1].Q2			
1	Lamp / Single channel	(62)_Lamp_signál stavu PLC do stroje.XTIO[1].Q3			
1	Lamp / Single channel	(63)_signalizace reset.XTIO[1].Q4			
1	Dual channel NC / Dual channel	(1,2)_konc. polohy.XTIO [1].I1I2			
1	XTIO	XTIO[2]	1044125		SICK XTIO input/output expansion module
1	Single channel NO / Single channel	(9)_povolení otevrení dveri.XTIO[2].I1			

QTY	Title	Tag name	Part number	Internal item number	Description
1	Single channel NO / Single channel	(10)_modul krytování aktivován.XTIO[2].I2			
1	Single channel NO / Single channel	(13)_vysunutí plosiny.XTIO[2].I5			
1	Single channel NO / Single channel	(14)_zasunutí plosiny.XTIO[2].I6			
1	Single channel NO / Single channel	(15)_Jističe plošiny OK.XTIO[2].I7			
1	Single channel NO / Single channel	(16)_Kryt motoru plosiny.XTIO[2].I8			
1	Valve / Single channel	(64)_hydraulika ventil nahoru.XTIO[2].Q1			
1	Valve / Single channel	(65)_Hydraulika ventil nahoru-pomale.XTIO [2].Q2			
1	Valve / Single channel	(66)_hydraulika ventil dolu.XTIO[2].Q3			
1	Valve / Single channel	(67)_hydraulika ventil dolu-pomalou.XTIO[2].Q4			
1	Dual channel NC / Dual channel	(11,12)_bezp. skener S200 sick.XTIO[2].I3I4			
1	XTIO	XTIO[3]	1044125		SICK XTIO input/output expansion module
1	Single channel NO / Single channel	(19)_Plošina nahoře.XTIO [3].I3			
1	Single channel NO / Single channel	(20)_Plošina dole .XTIO [3].I4			
1	Single channel NO / Single channel	(21)_Plošina zasunuta .XTIO[3].I5			
1	Single channel NO / Single channel	(22)_Plošina vysunuta.XTIO[3].I6			
1	Single channel NO / Single channel	(23)_plošina dolu.XTIO [3].I7			
1	Single channel NO / Single channel	(24)_plošina nahoru.XTIO [3].I8			
1	Motor contactor / Single channel	70_reverzace leva.XTIO [3].Q3			
1	Motor contactor / Single channel	(71)_reverzace prava.XTIO[3].Q4			
1	Motor contactor / Dual channel	(68,69)_Motor plošina.XTIO[3].Q1Q2			
1	XTIO	XTIO[4]	1044125		SICK XTIO input/output expansion module
1	Reset / Single channel	(25)_Reset.XTIO[4].I1			
1	Single channel NO / Single channel	(26)_hladina agregatu.XTIO[4].I2			
1	Single channel NO / Single channel	(27)_otevření vstupních dveří.XTIO[4].I3			
1	Single channel NO / Single channel	(28)_otevření dveri obsluhy.XTIO[4].I4			
1	Single channel NO / Single channel	(29)_dveře plošiny možno otevřít.XTIO[4].I5			
1	Single channel NO / Single channel	(30)_vstupní dveře plošiny možno otevřít.XTIO[4].I6			
1	Single channel NO / Single channel	(31)_výsuv plošiny povolen.XTIO[4].I7			
1	Single channel NO / Single channel	(32)_tlak agregatu.XTIO [4].I8			
1	Motor contactor / Single channel	(72)_B1.XTIO[4].Q1			
1	Motor contactor / Single channel	(73)_B2.XTIO[4].Q2			
1	Lamp / Single channel	(74)_hazardni stav.XTIO [4].Q3			
1	Lamp / Single channel	(75)_signalizace zasunuto.XTIO[4].Q4			
1	XTIO	XTIO[5]	1044125		SICK XTIO input/output expansion module

QTY	Title	Tag name	Part number	Internal item number	Description
1	Single channel NO / Single channel	(35)_pomocný kabina dole.XTIO[5].I3			
1	Interlock / Dual channel	Interlock.XTIO[5].Q1/I1I2			
1	Lamp / Single channel	(77)_SIGNAL OVLADANI DVERI VSTUP.XTIO [5].Q2			
1	Lamp / Single channel	(78)_jistice OK.XTIO [5].Q3			
1	Lamp / Single channel	(79)_Ovládání dveří obsluha.XTIO[5].Q4			
1	XTIO	XTIO[6]	1044125		SICK XTIO input/output expansion module
1	Lamp / Single channel	(80)_Lamp_sinalizace dveří ok.XTIO[6].Q1			
1	Lamp / Single channel	(81)_Lamp_sinalizace dvere obsluhy ok.XTIO [6].Q2			
1	Lamp / Single channel	(82)_sinalizace scanner.XTIO[6].Q3			
1	Lamp / Single channel	(83)_Lamp_bezp. kontakt plosina.XTIO[6].Q4			
1	4RO	4RO	6026143		SICK relay 4RO module

2. Diagnostics

No error history available.

3. Configuration

3.1. Installed software components

Basic components (station)	1.3.0.117
Software component for GCC1 Network Modules	1.3.0.115
Software component for 2RO relay module	1.3.0.117
Software component for 4RO relay module	1.3.0.117
Software component for GCAN gateway	1.3.0.117
Software component for GENT gateway	1.3.0.117
Software component for GETC gateway	1.3.0.117
Software component for GMOD gateway	1.3.0.117
Software component for GPNT gateway	1.3.0.117
Software component for GPRO gateway	1.3.0.117
Software component for MOC3SA module	1.3.0.117
Software component for UE10 relay module	1.3.0.117
Software component for UE12 relay module	1.3.0.117
Software component for XTDI extension module	1.3.0.117
Software component for XTIO extension module	1.3.0.117
Software component for CPU0 and CPU1 main units	1.3.0.117

3.2. General information

User group	Machine Operator
Application name	SICK CPU0 main unit
Application description	

Overall checksum (CRC)

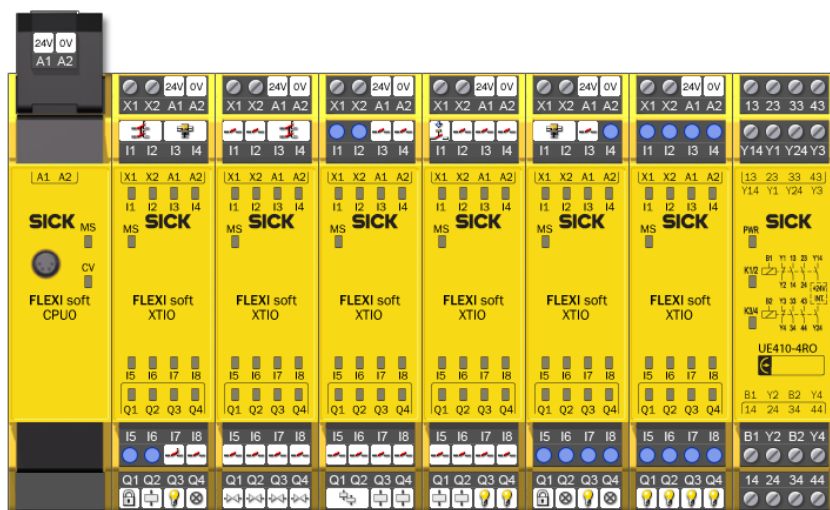
Configuration state

Configuration date

Verified

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0 1 2 3 4 5 6



Module	Type code	Step	Address
CPU0	FX3-CPU000000	V 1.xx	0
XTIO	FX3-XTIO84002	V 1.xx	1
XTIO	FX3-XTIO84002	V 1.xx	2
XTIO	FX3-XTIO84002	V 1.xx	3
XTIO	FX3-XTIO84002	V 1.xx	4
XTIO	FX3-XTIO84002	V 1.xx	5
XTIO	FX3-XTIO84002	V 1.xx	6
4RO	FX3-4RO00000	-	-

3.3. CPU

3.3.1. CPU0 - General information

Type code	Serial number	SW version	Hardware version	Version/Step	Memory usage (UI/Logic)	Address
FX3-CPU000000	1042 0139	V 1.11.0	0.00	1.2.0.70 V 1.xx	10.18% / 38.95%	0
FX3-MPL000001	1039 0409	-	-	1.2.0.70	-	-

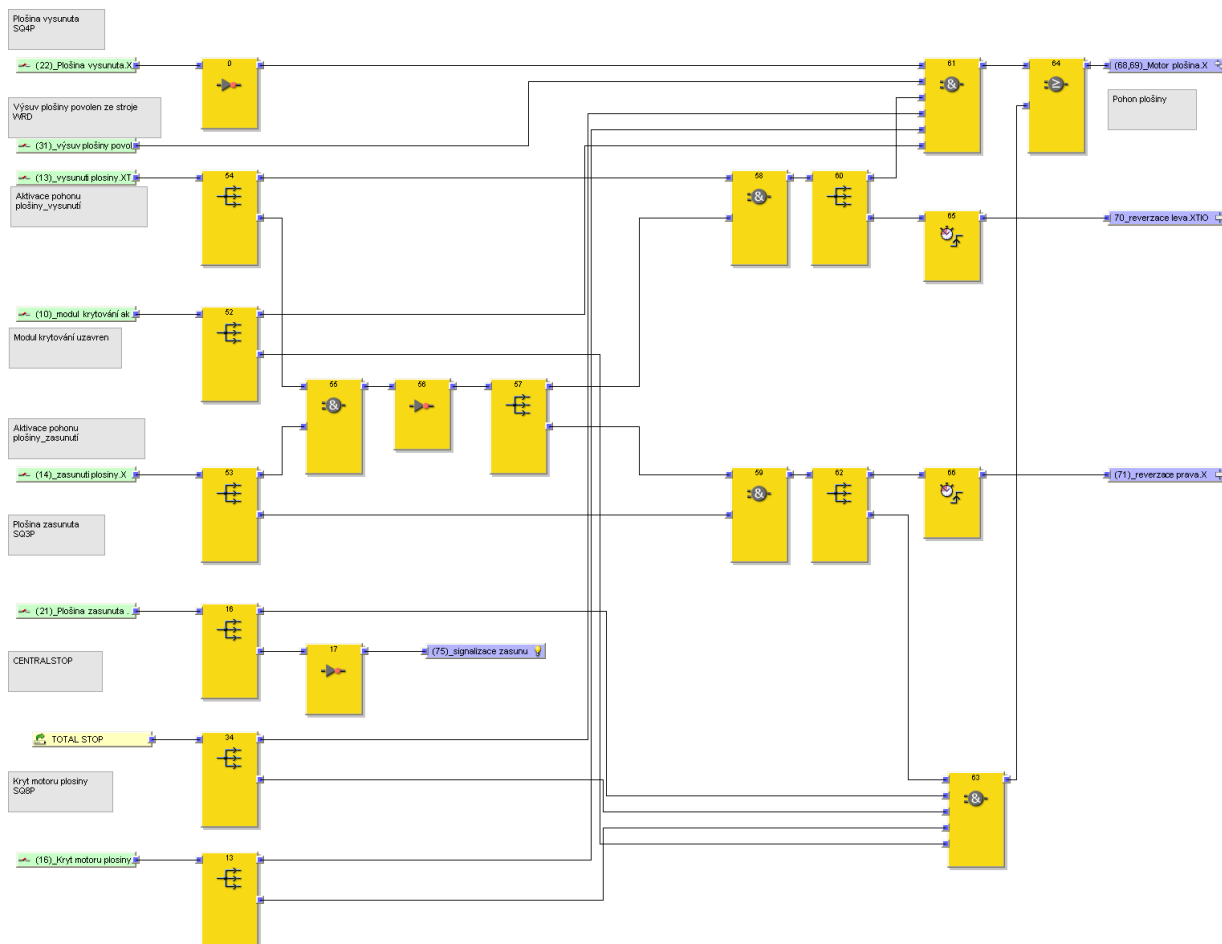
3.3.2. CPU logic

	Used
Function blocks	103
Execution time (ms)	8

3.3.2.1. pohon plošiny

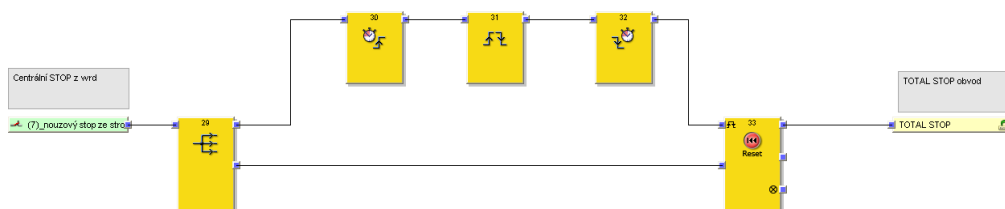
No	Name	Input	Output	Settings
0	NOT	I.0 (22)_Plošina vysunuta.XTIO[3].I6	O.0 POB 61.Input 0	
13	Routing 1:N	I.0 (16)_Kryt motoru plosiny.XTIO[2].I8	O.0 POB 61.Input 4 O.1 POB 63.Input 3	
16	Routing 1:N	I.0 (21)_Plošina zasunuta .XTIO[3].I5	O.0 POB 63.Input 1 O.1 POB 17.Input 0	
17	NOT	I.0 POB 16.Output 1	O.0 (75)_signalizace zasunuto.XTIO [4].Q4	
34	Routing 1:N	I.0 POB 33.Output 0	O.0 POB 61.Input 3 O.1 POB 63.Input 2	

No	Name	Input	Output	Settings
52	Routing 1:N	I.0 (10)_modul krytování aktivován.XTIO [2].I2	O.0 POB 61.Input 5	
53	Routing 1:N	I.0 (14)_zasunutí plosiny.XTIO[2].I6	O.1 POB 63.Input 4 O.0 POB 55.Input 1 O.1 POB 59.Input 1	
54	Routing 1:N	I.0 (13)_vysunutí plosiny.XTIO[2].I5	O.0 POB 58.Input 0 O.1 POB 55.Input 0 O.0 POB 56.Input 0	
55	AND	I.0 POB 54.Output 1 I.1 POB 53.Output 0	O.0 POB 57.Input 0	
56	NOT	I.0 POB 55.Output 0	O.0 POB 58.Input 1 O.1 POB 59.Input 0	
57	Routing 1:N	I.0 POB 56.Output 0	O.0 POB 60.Input 0	
58	AND	I.0 POB 54.Output 0 I.1 POB 57.Output 0	O.0 POB 62.Input 0	
59	AND	I.0 POB 57.Output 1 I.1 POB 53.Output 1	O.0 POB 61.Input 2 O.1 POB 65.Input 0	
60	Routing 1:N	I.0 POB 58.Output 0	O.0 POB 64.Input 0	
61	AND	I.0 POB 0.Output 0 I.1 (31)_výsuv plošiny povolen.XTIO [4].I7 I.2 POB 60.Output 0 I.3 POB 34.Output 0 I.4 POB 13.Output 0 I.5 POB 52.Output 0		
62	Routing 1:N	I.0 POB 59.Output 0	O.0 POB 66.Input 0 O.1 POB 63.Input 0 O.0 POB 64.Input 1	
63	AND	I.0 POB 62.Output 1 I.1 POB 16.Output 0 I.2 POB 34.Output 1 I.3 POB 13.Output 1 I.4 POB 52.Output 1		
64	OR	I.0 POB 61.Output 0	O.0 (68,69)_Motor plošina.XTIO [3].Q1Q2	
65	On-delay timer	I.1 POB 63.Output 0 I.0 POB 60.Output 1	O.0 70_reverzace leva.XTIO[3].Q3	Delay time: 100 ms
66	On-delay timer	I.0 POB 62.Output 0	O.0 (71)_reverzace prava.XTIO[3].Q4	Delay time: 200 ms



3.3.2.2. TOTAL STOP

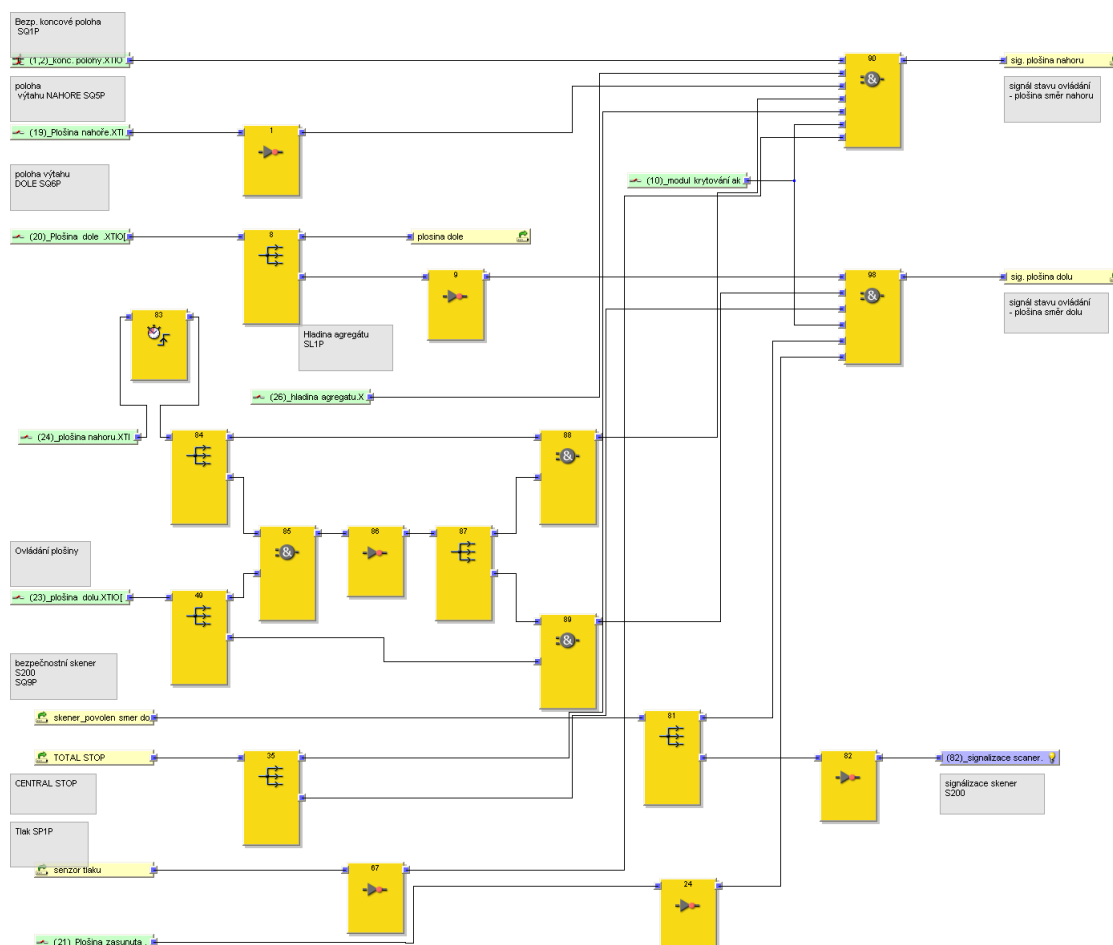
No	Name	Input	Output	Settings
29	Routing 1:N	I.0 (7)_nouzový stop ze stroje.XTIO[1].I7	O.0 POB 30.Input 0 O.1 POB 33.Input 1	
30	On-delay timer	I.0 POB 29.Output 0	O.0 POB 31.Input 0	Delay time: 200 ms
31	Edge detection	I.0 POB 30.Output 0	O.0 POB 32.Input 0	Edge detection: Positive
32	Off-delay timer	I.0 POB 31.Output 0	O.0 POB 33.Input 0	Delay time: 200 ms
33	Reset	I.0 POB 32.Output 0 I.1 POB 29.Output 1	O.0 POB 34.Input 0 O.0 POB 35.Input 0 O.1 Not connected O.2 Not connected	Min. reset pulse time: 100 ms



3.3.2.3. podmínky pohyb výtahu

No	Name	Input	Output	Settings
1	NOT	I.0 (19)_Plošina nahoře.XTIO[3].I3	O.0 POB 90.Input 2	
8	Routing 1:N	I.0 (20)_Plošina dole .XTIO[3].I4	O.0 POB 38.Input 0 O.1 POB 9.Input 0	

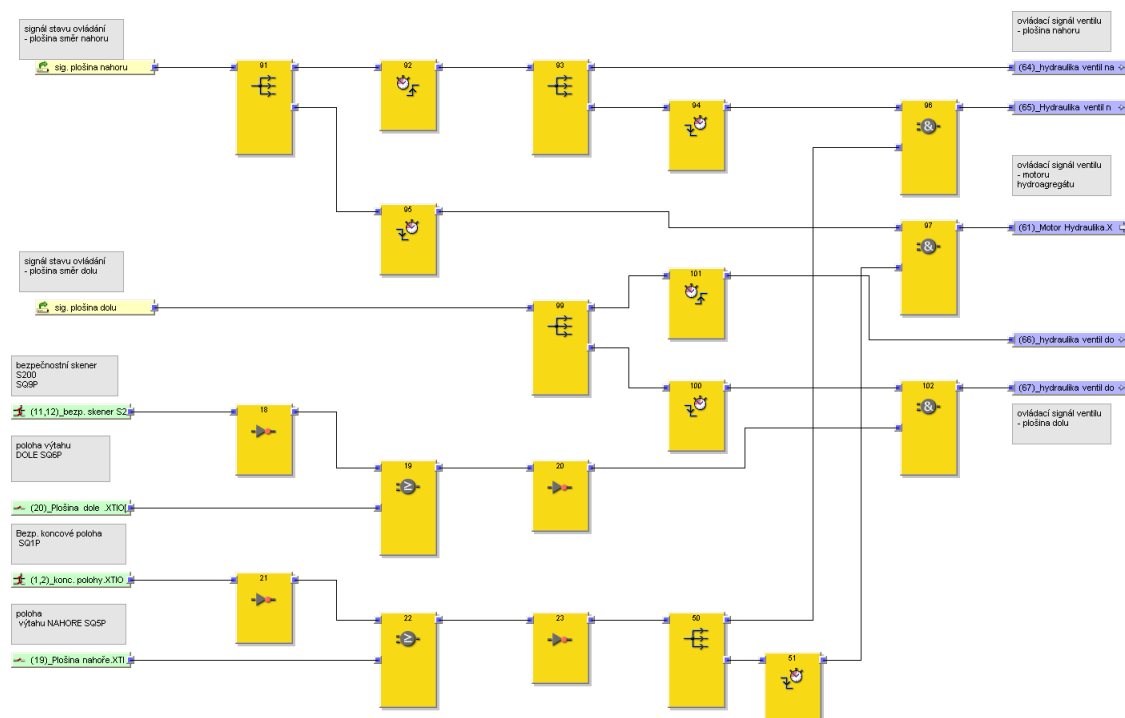
No	Name	Input	Output	Settings
9	NOT	I.0 POB 8.Output 1	O.0 POB 98.Input 0	
24	NOT	I.0 (21)_Plošina zasunuta .XTIO[3].I5	O.0 POB 98.Input 5	
35	Routing 1:N	I.0 POB 33.Output 0	O.0 POB 90.Input 4	
			O.1 POB 98.Input 2	
49	Routing 1:N	I.0 (23)_plošina dolu.XTIO[3].I7	O.0 POB 85.Input 1	
			O.1 POB 89.Input 1	
67	NOT	I.0 POB 10.Output 0	O.0 POB 90.Input 6	
81	Routing 1:N	I.0 POB 80.Output 0	O.0 POB 98.Input 4	
			O.1 POB 82.Input 0	
82	NOT	I.0 POB 81.Output 1	O.0 (82)_signalizace scanner.XTIO[6].Q3	
83	On-delay timer	I.0 (24)_plošina nahoru.XTIO[3].I8	O.0 POB 84.Input 0	Delay time: 500 ms
84	Routing 1:N	I.0 POB 83.Output 0	O.0 POB 88.Input 0	
			O.1 POB 85.Input 0	
85	AND	I.0 POB 84.Output 1 I.1 POB 49.Output 0	O.0 POB 86.Input 0	
86	NOT	I.0 POB 85.Output 0	O.0 POB 87.Input 0	
87	Routing 1:N	I.0 POB 86.Output 0	O.0 POB 88.Input 1	
			O.1 POB 89.Input 0	
88	AND	I.0 POB 84.Output 0 I.1 POB 87.Output 0	O.0 POB 90.Input 3	
89	AND	I.0 POB 87.Output 1 I.1 POB 49.Output 1	O.0 POB 98.Input 1	
90	AND	I.0 (1,2)_konc. polohy.XTIO[1].I1I2 I.1 (26)_hladina agregatu.XTIO[4].I2 I.2 POB 1.Output 0 I.3 POB 88.Output 0 I.4 POB 35.Output 0 I.5 (10)_modul krytování aktivován.XTIO[2].I2 I.6 POB 67.Output 0	O.0 POB 91.Input 0	
98	AND	I.0 POB 9.Output 0 I.1 POB 89.Output 0 I.2 POB 35.Output 1 I.3 (10)_modul krytování aktivován.XTIO[2].I2 I.4 POB 81.Output 0 I.5 POB 24.Output 0	O.0 POB 99.Input 0	



3.3.2.4. Pohon výťahu

No	Name	Input	Output	Settings
18	NOT	I.0 (11,12)_bezpečnostní skener S200 sick.XTIO [2].I3I4	O.0 POB 19.Input 0	
19	OR	I.0 POB 18.Output 0 I.1 (20)_Plošina dole .XTIO[3].I4	O.0 POB 20.Input 0	
20	NOT	I.0 POB 19.Output 0	O.0 POB 102.Input 1	
21	NOT	I.0 (1,2)_koncové polohy.XTIO[1].I1I2	O.0 POB 22.Input 0	
22	OR	I.0 POB 21.Output 0 I.1 (19)_Plošina nahoru.XTIO[3].I3	O.0 POB 23.Input 0	
23	NOT	I.0 POB 22.Output 0	O.0 POB 50.Input 0	
50	Routing 1:N	I.0 POB 23.Output 0	O.0 POB 96.Input 1 O.1 POB 51.Input 0	
51	Off-delay timer	I.0 POB 50.Output 1	O.0 POB 97.Input 1	Delay time: 350 ms
91	Routing 1:N	I.0 POB 90.Output 0	O.0 POB 92.Input 0 O.1 POB 95.Input 0	
92	On-delay timer	I.0 POB 91.Output 0	O.0 POB 93.Input 0	Delay time: 0 ms
93	Routing 1:N	I.0 POB 92.Output 0	O.0 (64)_hydraulika ventil nahoru.XTIO [2].Q1 O.1 POB 94.Input 0	
94	Off-delay timer	I.0 POB 93.Output 1	O.0 POB 96.Input 0	Delay time: 200 ms
95	Off-delay timer	I.0 POB 91.Output 1	O.0 POB 97.Input 0	Delay time: 700 ms
96	AND	I.0 POB 94.Output 0 I.1 POB 50.Output 0	O.0 (65)_Hydraulika ventil nahoru-pomale.XTIO[2].Q2	
97	AND	I.0 POB 95.Output 0 I.1 POB 51.Output 0	O.0 (61)_Motor Hydraulika.XTIO[1].Q2	
99	Routing 1:N	I.0 POB 98.Output 0	O.0 POB 101.Input 0	

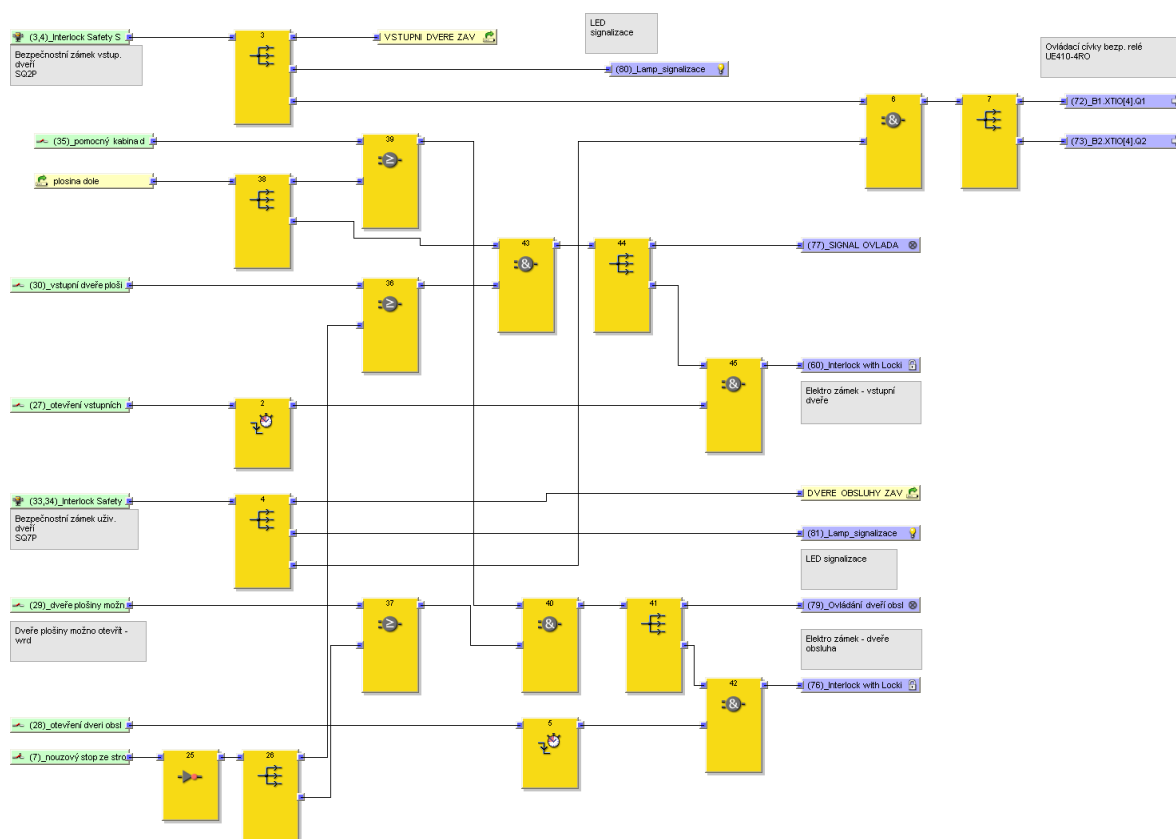
No	Name	Input	Output	Settings
100	Off-delay timer	I.0 POB 99.Output 1	O.1 POB 100.Input 0 O.0 POB 102.Input 0	Delay time: 700 ms
101	On-delay timer	I.0 POB 99.Output 0	O.0 (66)_hydraulika ventil dolu.XTIO [2].Q3	Delay time: 0 ms
102	AND	I.0 POB 100.Output 0 I.1 POB 20.Output 0	O.0 (67)_hydraulika ventil dolu-pomalu.XTIO[2].Q4	



3.3.2.5. zámky

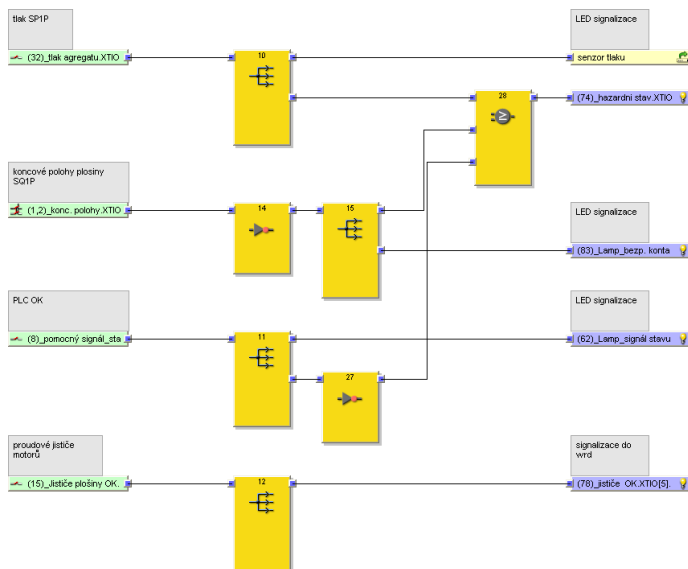
No	Name	Input	Output	Settings
2	Off-delay timer	I.0 (27)_otevření vstupních dveří.XTIO [4].I3	O.0 POB 45.Input 1	Delay time: 5000 ms
3	Routing 1:N	I.0 (3,4)_Interlock Safety Switch _vstupní dveře.XTIO[1].I3I4	O.1 (80)_Lamp _signalizace dveri ok.XTIO[6].Q1 O.2 POB 6.Input 0	
4	Routing 1:N	I.0 (33,34)_Interlock Safety Switch _dvere obsluha.XTIO[5].I1I2	O.1 (81)_Lamp _signalizace dvere obsluhy ok.XTIO[6].Q2 O.2 POB 6.Input 1	
5	Off-delay timer	I.0 (28)_otevření dveri obsluhy.XTIO [4].I4	O.0 POB 42.Input 1	Delay time: 5000 ms
6	AND	I.0 POB 3.Output 2 I.1 POB 4.Output 2	O.0 POB 7.Input 0	
7	Routing 1:N	I.0 POB 6.Output 0	O.0 (72)_B1.XTIO[4].Q1 O.1 (73)_B2.XTIO[4].Q2	
25	NOT	I.0 (7)_nouzový stop ze stroje.XTIO[1].I7	O.0 POB 26.Input 0	
26	Routing 1:N	I.0 POB 25.Output 0	O.0 POB 36.Input 1 O.1 POB 37.Input 1	
36	OR	I.0 (30)_vstupní dveře plošiny možno otevřít.XTIO[4].I6 I.1 POB 26.Output 0	O.0 POB 43.Input 1	
37	OR	I.0 (29)_dveře plošiny možno otevřít.XTIO[4].I5 I.1 POB 26.Output 1	O.0 POB 40.Input 1	
38	Routing 1:N	I.0 POB 8.Output 0	O.0 POB 39.Input 1 O.1 POB 43.Input 0	
39	OR	I.0 (35)_pomocný kabina dole.XTIO[5].I3 I.1 POB 38.Output 0	O.0 POB 40.Input 0	
40	AND	I.0 POB 39.Output 0	O.0 POB 41.Input 0	

No	Name	Input	Output	Settings
41	Routing 1:N	I.1 POB 37.Output 0 I.0 POB 40.Output 0	O.0 (79)_Ovládání dveří obsluha.XTIO [5].Q4 O.1 POB 42.Input 0	
42	AND	I.0 POB 41.Output 1	O.0 (76)_Interlock with Locking.XTIO [5].Q1	
43	AND	I.1 POB 5.Output 0 I.0 POB 38.Output 1	O.0 POB 44.Input 0	
44	Routing 1:N	I.1 POB 36.Output 0 I.0 POB 43.Output 0	O.0 (77)_SIGNAL OVLAĐANI DVERI VSTUP.XTIO[5].Q2 O.1 POB 45.Input 0	
45	AND	I.0 POB 44.Output 1 I.1 POB 2.Output 0	O.0 (60)_Interlock with Locking_vstupní dveře.XTIO[1].Q1	



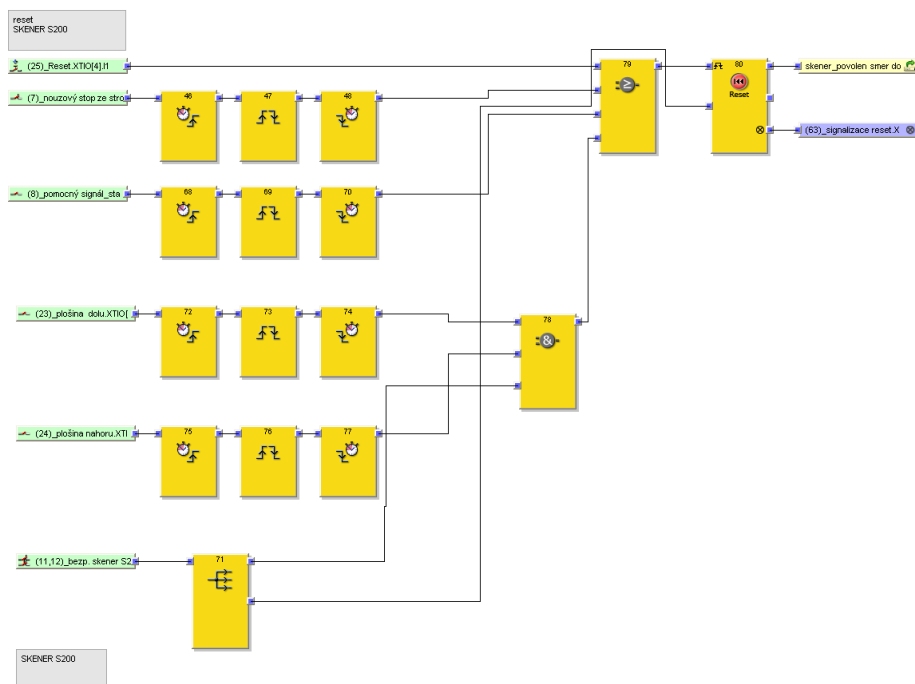
3.3.2.6. HAZARDNI STAV PLOSINY

No	Name	Input	Output	Settings
10	Routing 1:N	I.0 (32)_tlak agregatu.XTIO[4].I8	O.0 POB 67.Input 0 O.1 POB 28.Input 0	
11	Routing 1:N	I.0 (8)_pomocný signál_stav PLC.XTIO [1].I8	O.0 (62)_Lamp_signál stavu PLC do stroje.XTIO[1].Q3 O.1 POB 27.Input 0	
12	Routing 1:N	I.0 (15)_Jističe plošiny OK.XTIO[2].I7	O.0 (78)_jističe OK.XTIO[5].Q3	
14	NOT	I.0 (1,2)_konc. polohy.XTIO[1].I1I2	O.0 POB 15.Input 0	
15	Routing 1:N	I.0 POB 14.Output 0	O.0 POB 28.Input 1 O.1 (83)_Lamp_bezp. kontakt plosina.XTIO[6].Q4	
27	NOT	I.0 POB 11.Output 1	O.0 POB 28.Input 2	
28	OR	I.0 POB 10.Output 1 I.1 POB 15.Output 0 I.2 POB 27.Output 0	O.0 (74)_hazardni stav.XTIO[4].Q3	



3.3.2.7. skener S200

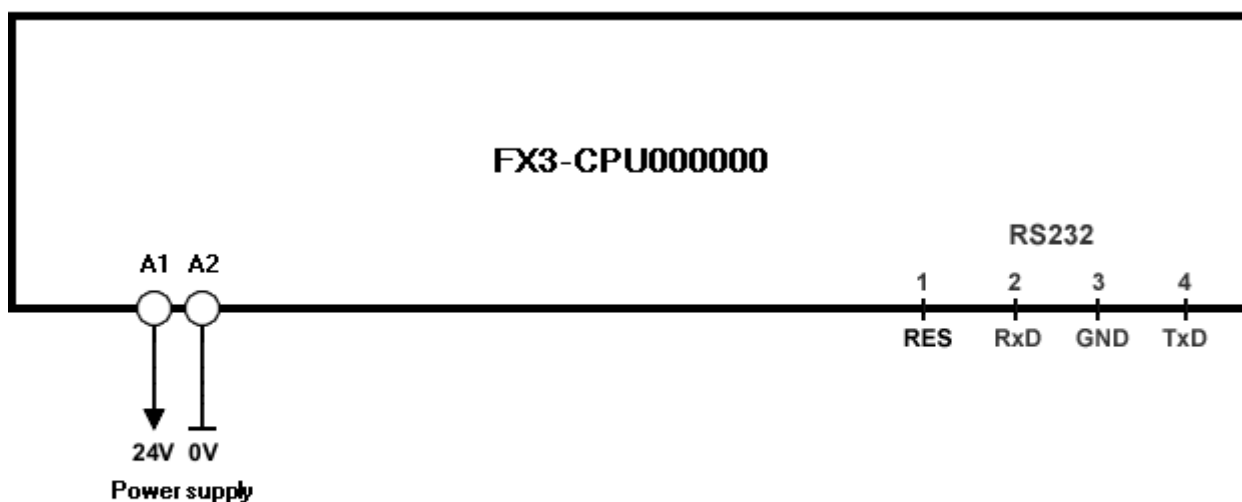
No	Name	Input	Output	Settings
46	On-delay timer	I.0 (7)_nouzovy stop ze stroje.XTIO[1].I7	O.0 POB 47.Input 0	Delay time: 200 ms
47	Edge detection	I.0 POB 46.Output 0	O.0 POB 48.Input 0	Edge detection: Positive
48	Off-delay timer	I.0 POB 47.Output 0	O.0 POB 79.Input 1	Delay time: 200 ms
68	On-delay timer	I.0 (8)_pomocny signál_sta PLC.XTIO [1].I8	O.0 POB 69.Input 0	Delay time: 200 ms
69	Edge detection	I.0 POB 68.Output 0	O.0 POB 70.Input 0	Edge detection: Positive
70	Off-delay timer	I.0 POB 69.Output 0	O.0 POB 79.Input 2	Delay time: 200 ms
71	Routing 1:N	I.0 (11,12)_bezp. skener S200 sick.XTIO [2].I3I4	O.0 POB 78.Input 2	
72	On-delay timer	I.0 (23)_plošina dolu.XTIO[3].I7	O.1 POB 80.Input 1 O.0 POB 73.Input 0	Delay time: 200 ms
73	Edge detection	I.0 POB 72.Output 0	O.0 POB 74.Input 0	Edge detection: Positive
74	Off-delay timer	I.0 POB 73.Output 0	O.0 POB 78.Input 0	Delay time: 200 ms
75	On-delay timer	I.0 (24)_plošina nahoru.XTIO[3].I8	O.0 POB 76.Input 0	Delay time: 200 ms
76	Edge detection	I.0 POB 75.Output 0	O.0 POB 77.Input 0	Edge detection: Positive
77	Off-delay timer	I.0 POB 76.Output 0	O.0 POB 78.Input 1	Delay time: 200 ms
78	AND	I.0 POB 74.Output 0 I.1 POB 77.Output 0 I.2 POB 71.Output 0	O.0 POB 79.Input 3	
79	OR	I.0 (25)_Reset.XTIO[4].I1 I.1 POB 48.Output 0 I.2 POB 70.Output 0 I.3 POB 78.Output 0	O.0 POB 80.Input 0	
80	Reset	I.0 POB 79.Output 0 I.1 POB 71.Output 1	O.0 POB 81.Input 0 O.1 Not connected O.2 (63)_signalizace reset.XTIO[1].Q4	Min. reset pulse time: 100 ms



3.3.3. CPU0 - IO

Tag name	
24V	A1 CPU0[0] Power supply
0V	A2

3.3.3.1. Wiring diagram















3.4. I/O module

3.4.1. XTIO[1]









3.4.1.1. General information

Type code	Serial number	SW version	Hardware version	Version/Step	Address
FX3-XTIO84002	1047 1467	V 1.13.0	0.00	1.2.0.70 V 1.xx	1



3.4.1.2. Inputs

			Mode	Title/tag name	ON-OFF	OFF-ON	Dis. [ms]
2	24V		I7 	Single channel NC (Single channel) / (7)_nouzový stop ze stroje	-	-	-
3	24V		I8 	Single channel NO (Single channel) / (8)_pomocný signál_stav PLC	-	-	-
9	24V		I3 	Interlock (Dual channel) / (3,4)_Interlock Safety	-	-	3000
	24V		I4 	Switch_vstupní dveře	-	-	3000
8	24V		I1 	Dual channel NC (Dual channel) / (1,2)_konc. polohy	-	-	3000
	24V		I2 				

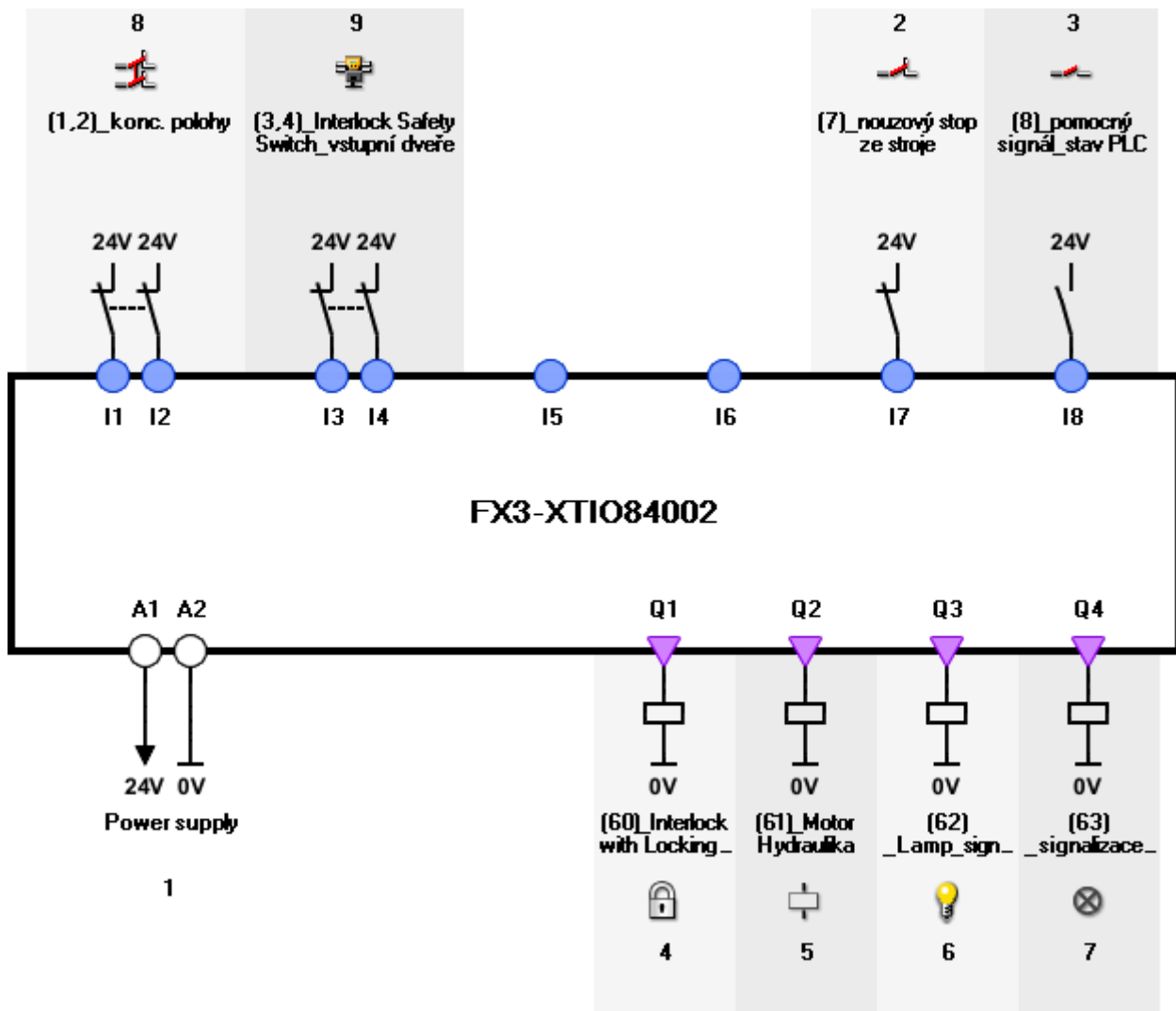
3.4.1.3. Outputs

		Mode	Title/tag name
4		Q1 	Interlock (Dual channel) / (60)_Interlock with Locking_vstupní dveře
5		Q2 	Motor contactor (Single channel) / (61)_Motor Hydraulika
6		Q3 	Lamp (Single channel) / (62)_Lamp_signál stavu PLC do stroje
7		Q4 	Lamp (Single channel) / (63)_signalizace reset

3.4.1.4. Power supply

			Title/tag name
1	24V		XTIO[1] Power supply
	0V		
		A1	
		A2	

3.4.1.5. Wiring diagram



3.4.2. XTIO[2]

3.4.2.1. General information

Type code	Serial number	SW version	Hardware version	Version/Step	Address
FX3-XTIO84002	1047 1437	V 1.13.0	0.00	1.2.0.70 V 1.xx	2

3.4.2.2. Inputs

			Mode	Title/tag name	ON-OFF	OFF-ON	Dis. [ms]
2	24V		I1 NO	Single channel NO (Single channel) / (9)_povolení otevreni dveri	-	-	-
3	24V		I2 NO	Single channel NO (Single channel) / (10)_modul krytování aktivován	-	-	-
4	24V		I5 NO	Single channel NO (Single channel) / (13)_vysunuti plosiny	-	-	-
5	24V		I6 NO	Single channel NO (Single channel) / (14)_zasunuti plosiny	-	-	-
6	24V		I7 NO	Single channel NO (Single channel) / (15)_Jističe plošiny OK	-	-	-
7	24V		I8 NO	Single channel NO (Single channel) / (16)_Kryt motoru plosiny	-	-	-
12	24V 24V		I3 NC I4 NO	Dual channel NC (Dual channel) / (11,12)_bezp. skener S200 sick	-	-	3000

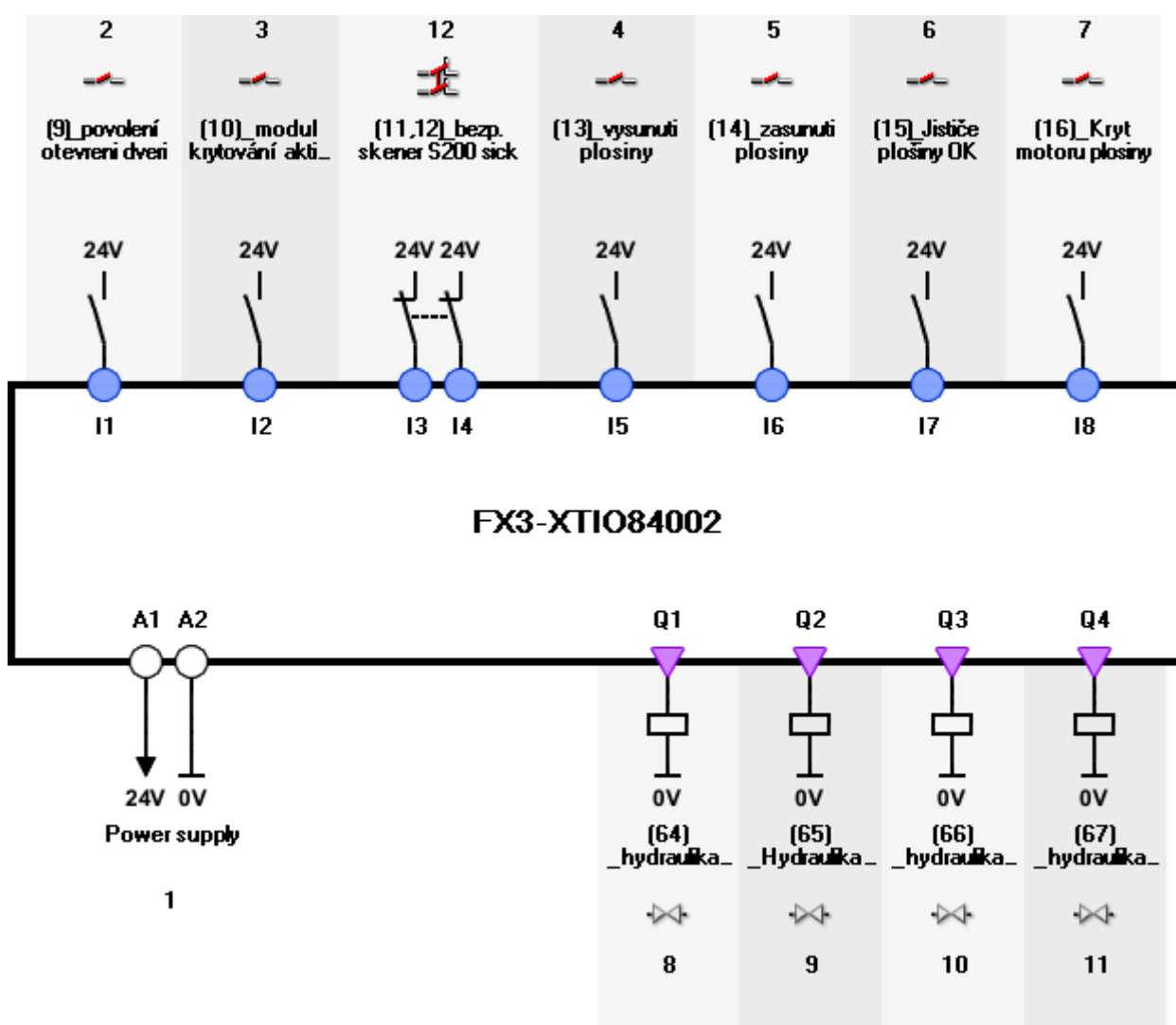
3.4.2.3. Outputs

		Mode	Title/tag name
8		Q1	Valve (Single channel) / (64)_hydraulika ventil nahoru
9		Q2	Valve (Single channel) / (65)_Hydraulika ventil nahoru-pomale
10		Q3	Valve (Single channel) / (66)_hydraulika ventil dolu
11		Q4	Valve (Single channel) / (67)_hydraulika ventil dolu-pomalu

3.4.2.4. Power supply

			Title/tag name
1	24V 0V	A1 A2	XTIO[2] Power supply

3.4.2.5. Wiring diagram















3.4.3. XTIO[3]







3.4.3.1. General information

Type code	Serial number	SW version	Hardware version	Version/Step	Address
FX3-XTIO84002	1047 1431	V 1.13.0	0.00	1.2.0.70 V 1.xx	3


3.4.3.2. Inputs

			Mode	Title/tag name	ON-OFF	OFF-ON	Dis. [ms]
2	24V		I3 	Single channel NO (Single channel) / (19)_Plošina nahore	-	-	-
3	24V		I4 	Single channel NO (Single channel) / (20)_Plošina dole	-	-	-
4	24V		I5 	Single channel NO (Single channel) / (21)_Plošina zasunuta	-	-	-
5	24V		I6 	Single channel NO (Single channel) / (22)_Plošina vysunuta	-	-	-
6	24V		I7 	Single channel NO (Single channel) / (23)_plošina dolu	-	-	-
7	24V		I8 	Single channel NO (Single channel) / (24)_plošina nahoru	-	-	-

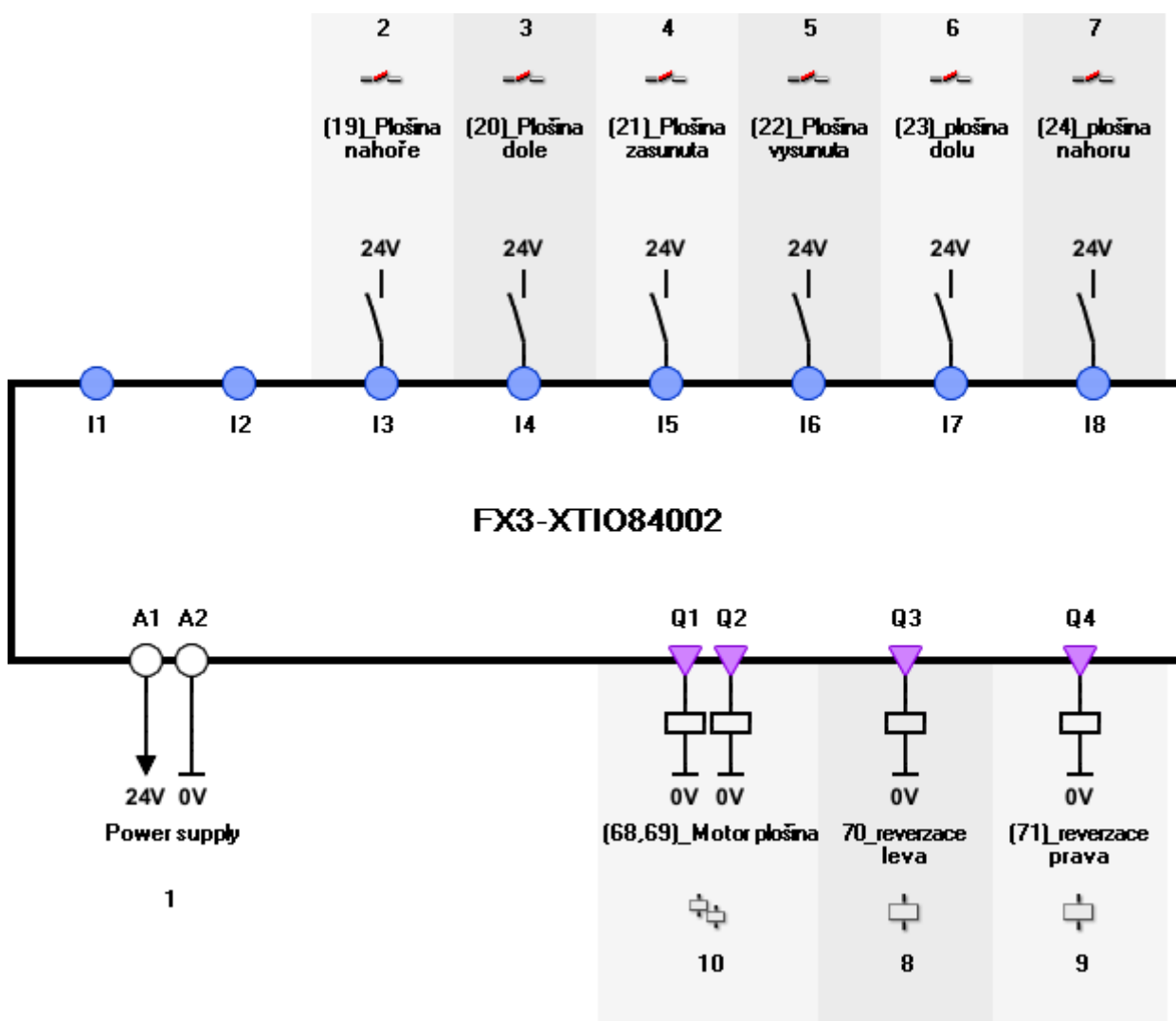
3.4.3.3. Outputs

		Mode	Title/tag name
8		Q3 	Motor contactor (Single channel) / 70_reverzace leva
9		Q4 	Motor contactor (Single channel) / (71)_reverzace prava
10		Q1  Q2	Motor contactor (Dual channel) / (68,69)_Motor plošina

3.4.3.4. Power supply

			Title/tag name
1	24V 0V	 A1 A2	XTIO[3] Power supply

3.4.3.5. Wiring diagram





3.4.4. XTIO[4]

3.4.4.1. General information









Type code	Serial number	SW version	Hardware version	Version/Step	Address
FX3-XTIO84002	1047 1461	V 1.13.0	0.00	1.2.0.70 V 1.xx	4

3.4.4.2. Inputs



			Mode	Title/tag name	ON-OFF	OFF-ON	Dis. [ms]
2	24V		I1 NO	Reset (Single channel) / (25)_Reset	-	-	-
3	24V		I2 NO	Single channel NO (Single channel) / (26)_hladina agregatu	-	-	-
4	24V		I3 NO	Single channel NO (Single channel) / (27)_otevření vstupních dveří	-	-	-
5	24V		I4 NO	Single channel NO (Single channel) / (28)_otevření dveri obsluhy	-	-	-
6	24V		I5 NO	Single channel NO (Single channel) / (29)_dveře plošiny možno otevřít	-	-	-
7	24V		I6 NO	Single channel NO (Single channel) / (30)_vstupní dveře plošiny možno otevřít	-	-	-
8	24V		I7 NO	Single channel NO (Single channel) / (31)_výsuv plošiny povolen	-	-	-

		Mode	Title/tag name	ON-OFF	OFF-ON	Dis. [ms]
9	24V 	I8 	Single channel NO (Single channel) / (32)_tlak agregatu	-	-	-

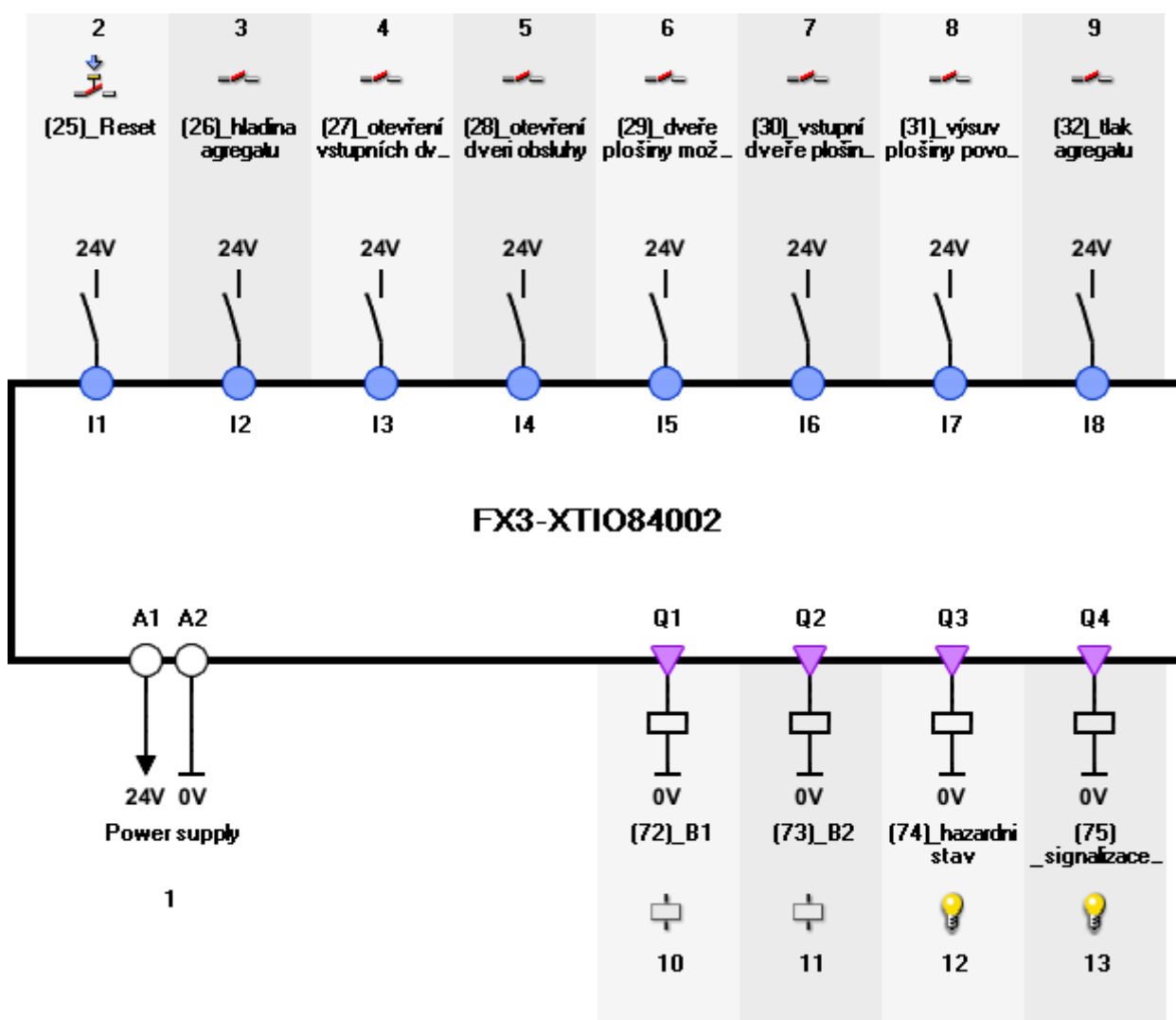
3.4.4.3. Outputs

		Mode	Title/tag name
10		Q1 	Motor contactor (Single channel) / (72)_B1
11		Q2 	Motor contactor (Single channel) / (73)_B2
12		Q3 	Lamp (Single channel) / (74)_hazardni stav
13		Q4 	Lamp (Single channel) / (75)_signalizace zasunuto

3.4.4.4. Power supply

			Title/tag name
1	24V  0V 	A1 A2	XTIO[4] Power supply

3.4.4.5. Wiring diagram









3.4.5. XTIO[5]









3.4.5.1. General information

Type code	Serial number	SW version	Hardware version	Version/Step	Address
FX3-XTIO84002	1047 1456	V 1.13.0	0.00	1.2.0.70 V 1.xx	5



3.4.5.2. Inputs

			Mode	Title/tag name	ON-OFF	OFF-ON	Dis. [ms]
2	24V		I3 NO 	Single channel NO (Single channel) / (35) _pomocný kabina dole	-	-	-
7	24V		I1 NC 	Interlock (Dual channel) / (33,34)_Interlock Safety	-	-	3000
	24V		I2 	Switch_dvere obsluha			

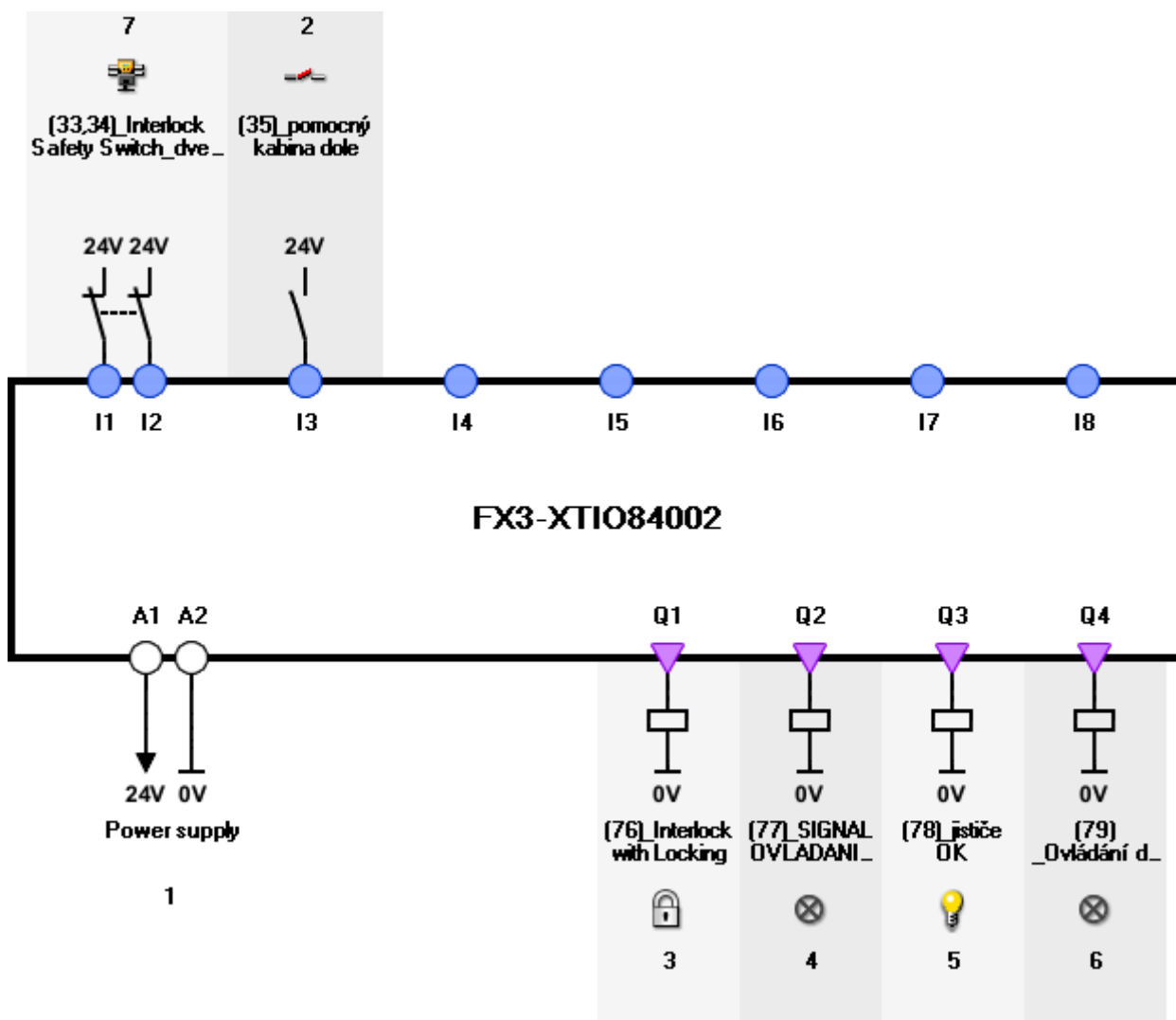
3.4.5.3. Outputs

			Mode	Title/tag name
3		Q1 		Interlock (Dual channel) / (76)_Interlock with Locking
4		Q2 		Lamp (Single channel) / (77)_SIGNAL OVLADANI DVERI VSTUP
5		Q3 		Lamp (Single channel) / (78)_jistice OK
6		Q4 		Lamp (Single channel) / (79)_Ovládání dveří obsluha

3.4.5.4. Power supply

				Title/tag name
1	24V		A1	XTIO[5] Power supply
	0V		A2	

3.4.5.5. Wiring diagram



3.4.6. XTIO[6]

3.4.6.1. General information

Type code	Serial number	SW version	Hardware version	Version/Step	Address
FX3-XTIO84002	1047 1468	V 1.13.0	0.00	1.2.0.70 V 1.xx	6

3.4.6.2. Outputs

		Mode	Title/tag name
2		Q1	Lamp (Single channel) / (80)_Lamp_signalizace dveri ok
3		Q2	Lamp (Single channel) / (81)_Lamp_signalizace dvere obsluhy ok
4		Q3	Lamp (Single channel) / (82)_signalizace scanner
5		Q4	Lamp (Single channel) / (83)_Lamp_bezp. kontakt plosina

3.4.6.3. Power supply

			Title/tag name
1	24V 0V	A1 A2	XTIO[6] Power supply

3.4.6.4. Wiring diagram

