Project Name
Pos_Cro senza paratia.mpnoz

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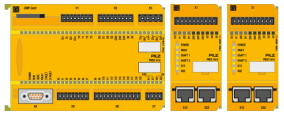
1. Overview

The following hardware is used in this PNOZmulti project. See Hardware Report for more detailed information.



2. Index

PNOZmulti Report Project Information

General Details

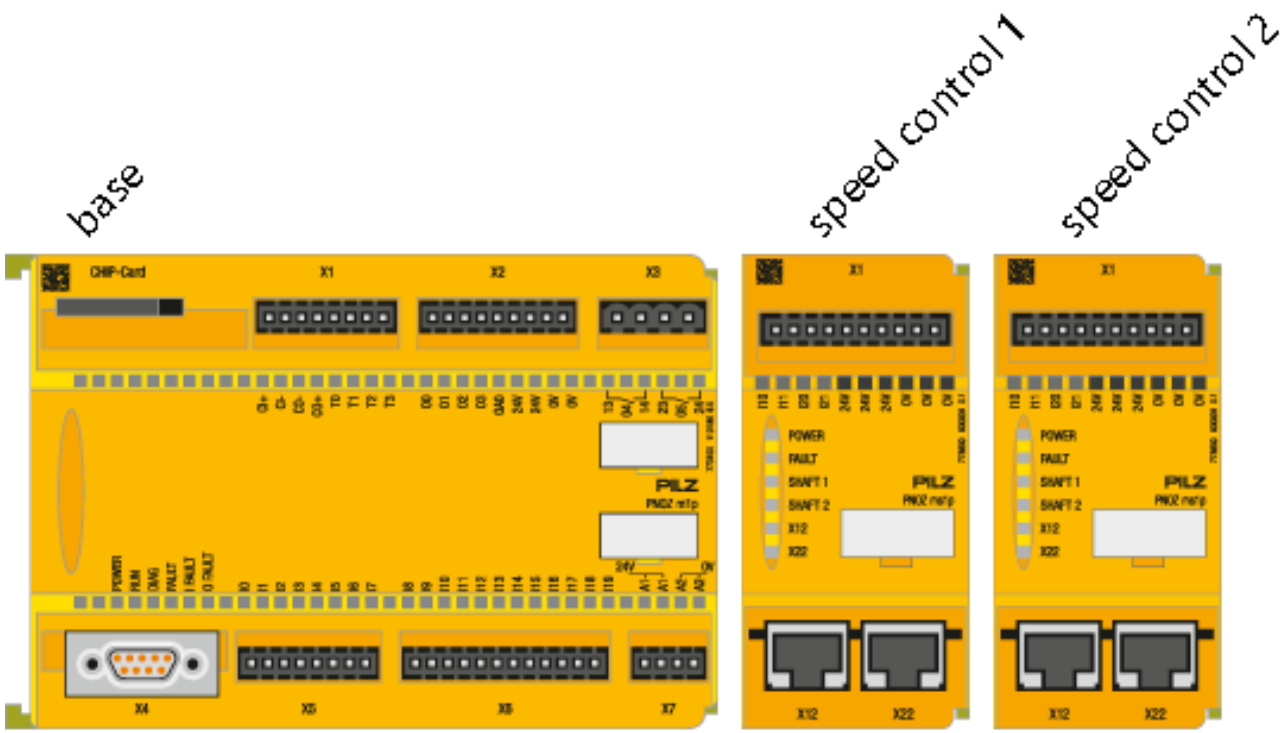
Project Name:	Pos_Cro senza paratia
Company:	
Created by:	
Reviewed by:	
Name:	
Date:	26.6.2026 23:03:48
Saved Date:	12.10.2009 14:27:00
Created in Version:	v5.3.0 build 46
Software:	v10.14.5
Total project checksum:	2788
User Text:	
Project Language:	English - en

Associated programs

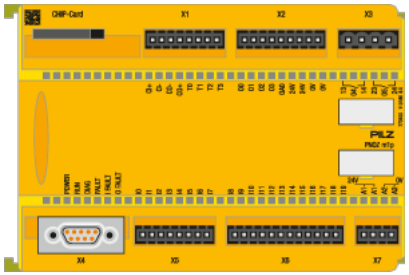
Program name	Program type	Saved in module	Module name	Checksum safe:
Main Program	Main Program	Base Unit PNOZ m1p	base	2FF8

PNOZmulti Report Hardware Configuration

ID	Module Name	Version	Equipment Identifier	Programmable	Inputs	Outputs	Location Description
0	Base Unit PNOZ m1p	v5.6	base	Yes	20	6	
1	Speed Monitor Module PNOZ ms1p	v1.3	speed control 1	No	0	0	
2	Speed Monitor Module PNOZ ms1p	v1.3	speed control 2	No	0	0	

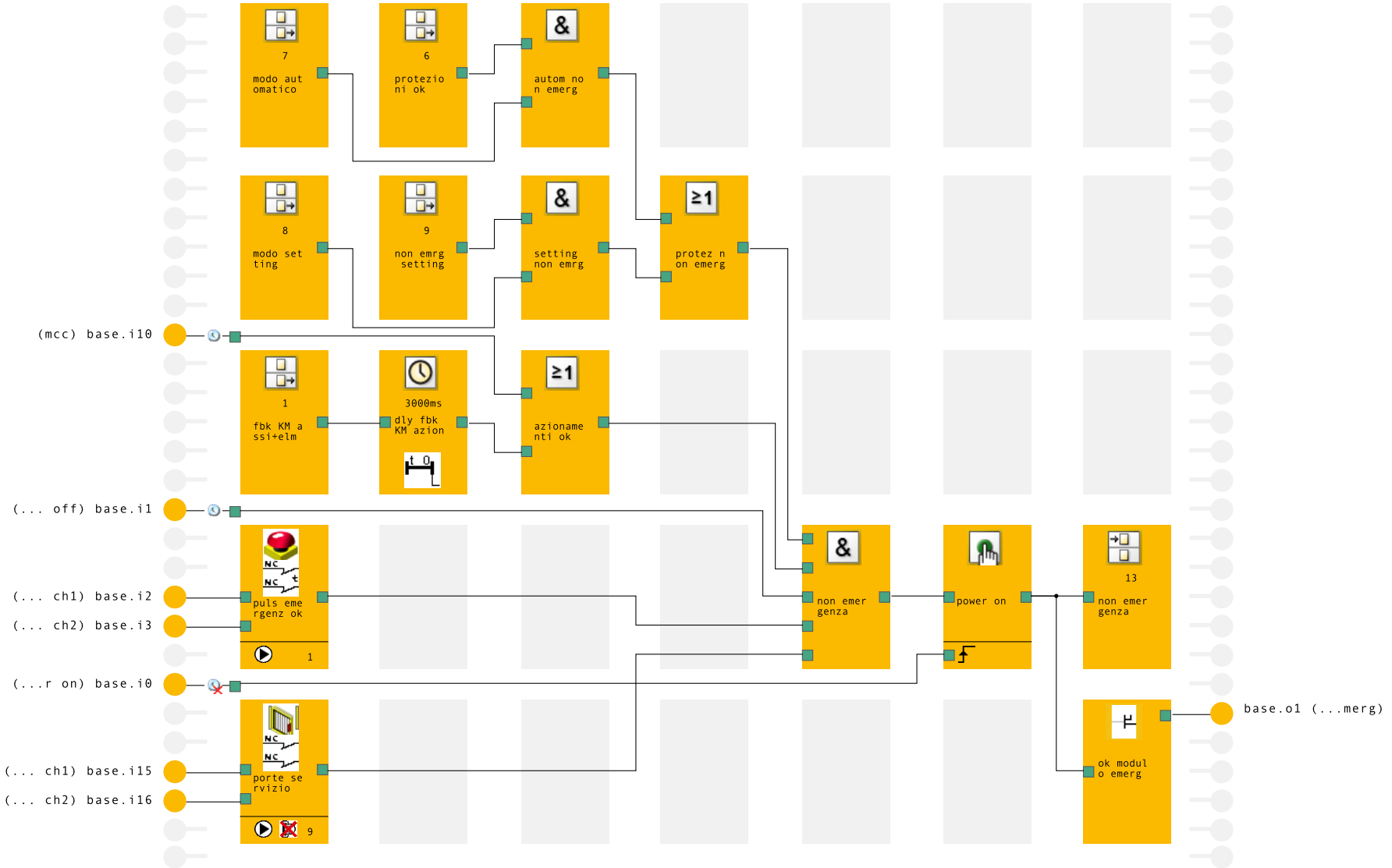


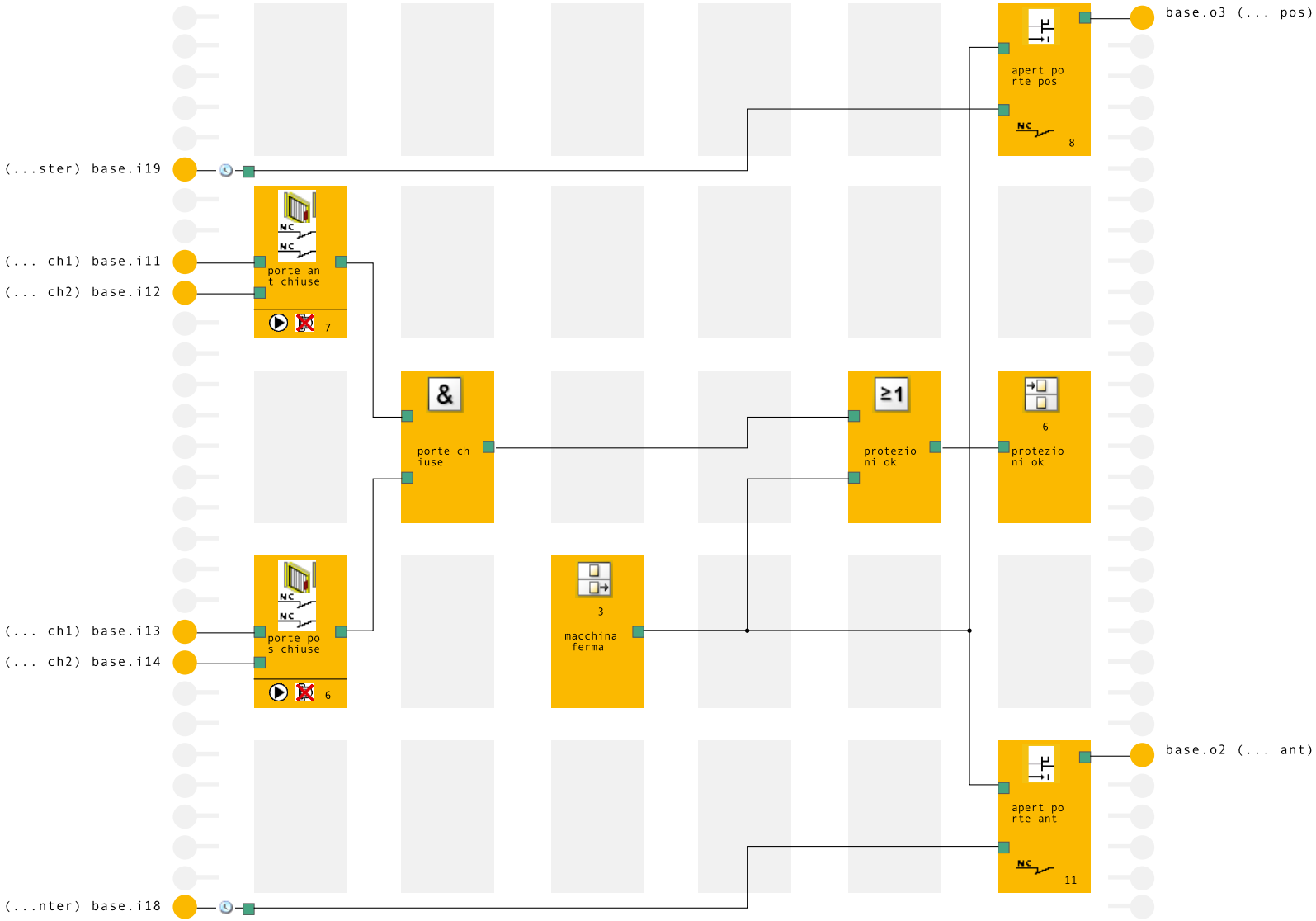
Main Program Information

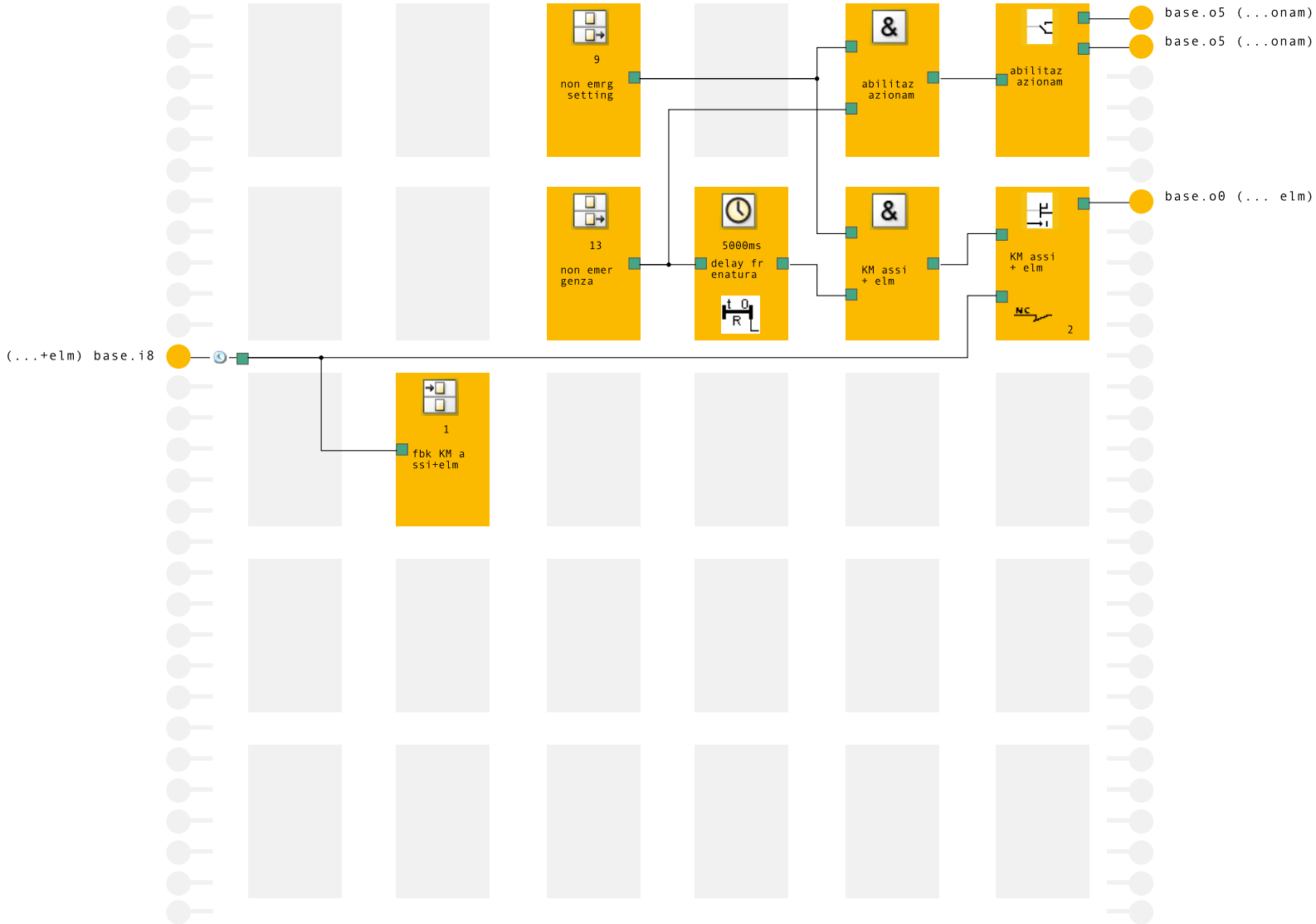


Hardware:	Base Unit PNOZ m1p
Software	v10.14.5
Checksum safe:	2FF8
Checksum safe without level 3:	DB50
Checksum level 3	48
Checksum diagnostic texts	0
User Text:	

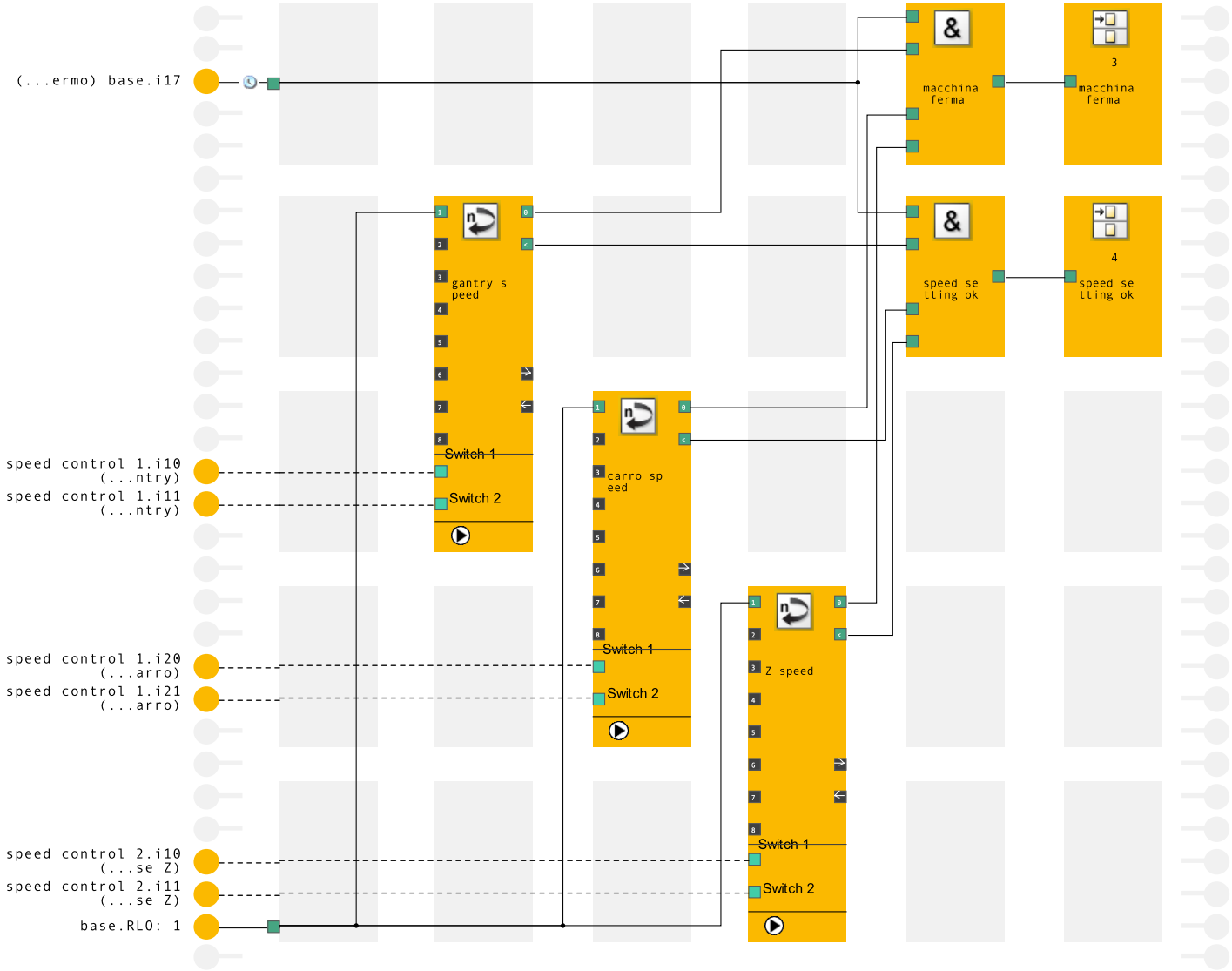
PNOZmulti Report Workspace: Main Program (Page 1 of 6) emergenza

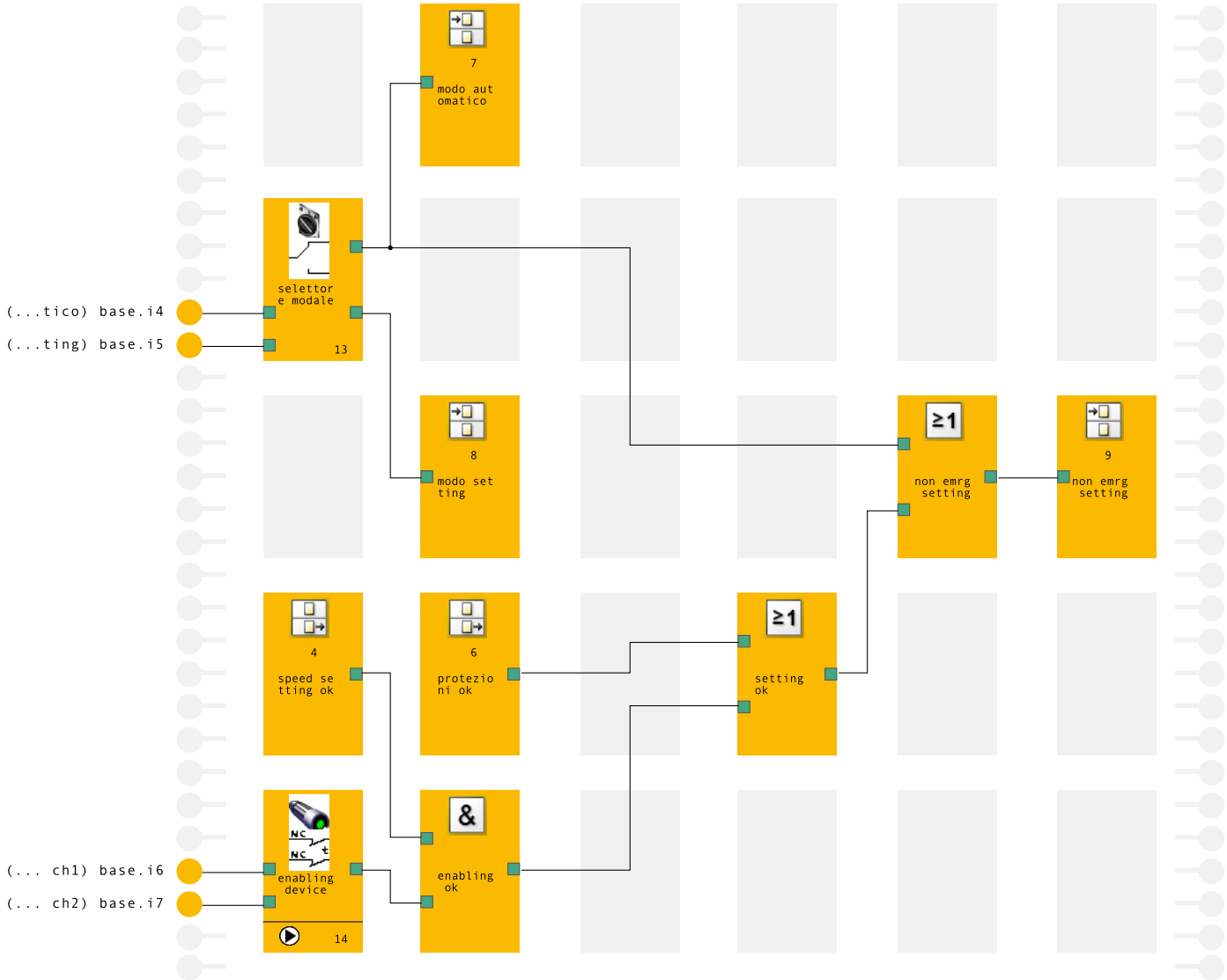


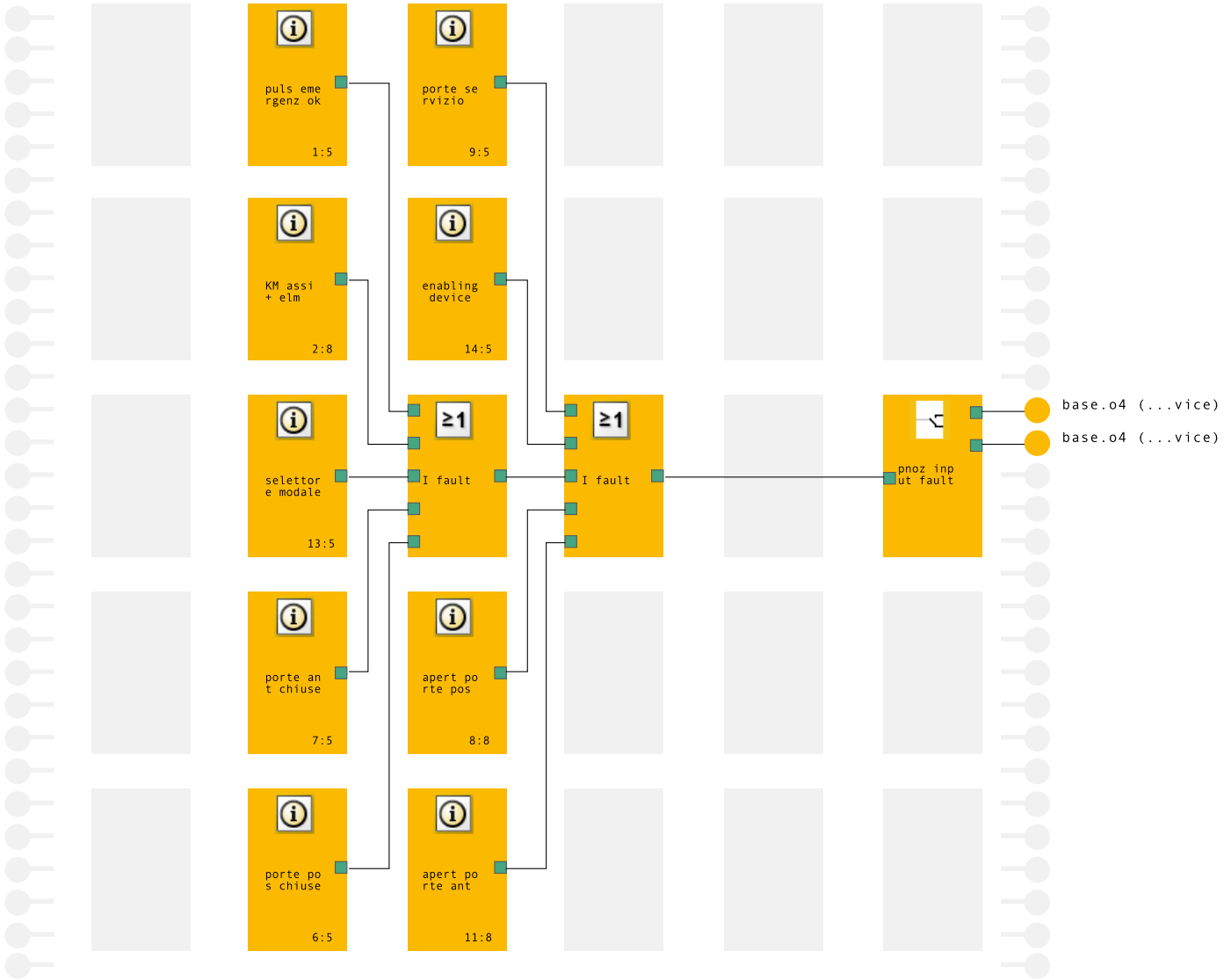

(...ster) base.i19
(... ch1) base.i11
(... ch2) base.i12
porte ant chiuse
7
(... ch1) base.i13
(... ch2) base.i14
porte pos chiuse
6
(...nter) base.i18
&
porte ch iuse
3
macchina ferma
≥1
protezioni ok
6
protezioni ok
apert porte pos
8
base.o3 (... pos)
apert porte ant
11
base.o2 (... ant)


9
non emrg setting
&
abilitaz azionam
abilitaz azionam
base.o5 (...onam)
base.o5 (...onam)
13
non emer genza
5000ms
delay fr enatura
&
KM assi + elm
KM assi + elm
NC
2
base.o0 (... elm)
(...+elm) base.i8
1
fbk KM a ssi+elm

PNOZmulti Report Workspace: Main Program (Page 4 of 6) controllo velocità




7
modo aut omatico
selettor e modale
13
(...tico) base.i4
(...ting) base.i5
8
modo set ting
≥1
non emrg setting
9
non emrg setting
4
speed se tting ok
6
protezio ni ok
≥1
setting ok
NC
NC
enabling device
14
&
enabling ok
(... ch1) base.i6
(... ch2) base.i7


puls eme rgenz ok
1:5
porte se rvizio
9:5
KM assi + elm
2:8
enabling device
14:5
selettor e modale
13:5
≥1
I fault
≥1
I fault
pnoz inp ut fault
base.o4 (...vice)
base.o4 (...vice)
porte an t chiuse
7:5
apert po rte pos
8:8
porte po s chiuse
6:5
apert po rte ant
11:8

PNOZmulti Report Assignment List: Main Program

I/O	Equipment ID	Location Description	Test Pulse	Bit Information	Pulse Suppression	Open circuit
base.i0	power on		-		-	-
base.i1	no power off		-		-	-
base.i2	puls emerg ch1		-	NC	-	-
base.i3	puls emerg ch2		-	NC	-	-
base.i4	modo automatico		-		-	-
base.i5	modo setting		-		-	-
base.i6	enabling ch1		-	NC	-	-
base.i7	enabling ch2		-	NC	-	-
base.i8	fbk KM assi+elm		-		-	-
base.i10	mcc		-		-	-
base.i11	fc porte ant ch1		-	NC	-	-
base.i12	fc porte ant ch2		-	NC	-	-
base.i13	fc porte pos ch1		-	NC	-	-
base.i14	fc porte pos ch2		-	NC	-	-
base.i15	fc port serv ch1		-	NC	-	-
base.i16	fc port serv ch2		-	NC	-	-
base.i17	mandrino fermo		-		-	-
base.i18	fbk porte anter		-		-	-
base.i19	fbk porte poster		-		-	-
base.o0	KM assi + elm		-		-	-
base.o1	ok modulo emerg		-		-	-
base.o2	apert porte ant		-		-	-
base.o3	apert porte pos		-		-	-
base.o4	safety device		-		-	-
base.o5	abilitaz azionam		-		-	-
speed control 1.i10	fc1 asse gantry		-		-	-
speed control 1.i11	fc2 asse gantry		-		-	-
speed control 1.i20	fc1 asse carro		-		-	-
speed control 1.i21	fc2 asse carro		-		-	-
speed control 2.i10	fc1 asse Z		-		-	-
speed control 2.i11	fc2 asse Z		-		-	-
Connection Point 1	fbk KM assi+elm					
Connection Point 3	macchina ferma					
Connection Point 4	speed setting ok					

PNOZmulti Report Assignment List: Main Program

I/O	Equipment ID	Location Description	Test Pulse	Bit Information	Pulse Suppression	Open circuit
Connection Point 6	protezioni ok					
Connection Point 7	modo automatico					
Connection Point 8	modo setting					
Connection Point 9	non emrg setting					
Connection Point 13	non emergenza					

PNOZmulti Report Cross Reference - Hardware I/Os : Main Program

Main Program

I/O	Equipment ID	Page
base.i0	power on	1
base.i1	no power off	1
base.i2	puls emerg ch1	1
base.i3	puls emerg ch2	1
base.i4	modo automatico	5
base.i5	modo setting	5
base.i6	enabling ch1	5
base.i7	enabling ch2	5
base.i8	fbk KM assi+elm	3
base.i10	mcc	1
base.i11	fc porte ant ch1	2
base.i12	fc porte ant ch2	2
base.i13	fc porte pos ch1	2
base.i14	fc porte pos ch2	2
base.i15	fc port serv ch1	1
base.i16	fc port serv ch2	1
base.i17	mandrino fermo	4
base.i18	fbk porte anter	2
base.i19	fbk porte poster	2
base.RLO: 1		4
speed control 1.i10	fc1 asse gantry	4
speed control 1.i11	fc2 asse gantry	4
speed control 1.i20	fc1 asse carro	4
speed control 1.i21	fc2 asse carro	4
speed control 2.i10	fc1 asse Z	4
speed control 2.i11	fc2 asse Z	4
base.o0	KM assi + elm	3
base.o1	ok modulo emerg	1
base.o2	apert porte ant	2
base.o3	apert porte pos	2

PNOZmulti Report Cross Reference - Hardware I/Os : Main Program

I/O	Equipment ID	Page
base.o4	safety device	6
base.o5	abilitaz azionam	3

PNOZmulti Report Cross Reference - Element IDs : Main Program

Element ID	Equipment ID	Page

Main Program

Element ID 1 - puls emergenz ok

Element: puls emergenz ok	puls emergenz ok	1
Bit 5 - N/C contact 1 or 2 failed to switch or switched too late.	puls emergenz ok	6

Element ID 2 - KM assi + elm

Element: KM assi + elm	KM assi + elm	3
Bit 8 - Feedback loop monitoring is registering an error.	KM assi + elm	6

Element ID 6 - porte pos chiuse

Element: porte pos chiuse	porte pos chiuse	2
Bit 5 - N/C contact 1 or 2 failed to switch or switched too late.	porte pos chiuse	6

Element ID 7 - porte ant chiuse

Element: porte ant chiuse	porte ant chiuse	2
Bit 5 - N/C contact 1 or 2 failed to switch or switched too late.	porte ant chiuse	6

Element ID 8 - apert porte pos

Element: apert porte pos	apert porte pos	2

Element ID	Equipment ID	Page
Bit 8 - Feedback loop monitoring is registering an error.	apert porte pos	6

Element ID 9 - porte servizio

Element: porte servizio	porte servizio	1
Bit 5 - N/C contact 1 or 2 failed to switch or switched too late.	porte servizio	6

Element ID 11 - apert porte ant

Element: apert porte ant	apert porte ant	2
Bit 8 - Feedback loop monitoring is registering an error.	apert porte ant	6

Element ID 13 - selettore modale

Element: selettore modale	selettore modale	5
Bit 5 - The input signals at the operating mode selector switch are faulty.	selettore modale	6

Element ID 14 - enabling device

Element: enabling device	enabling device	5
Bit 5 - N/C contact 1 or 2 failed to switch or switched too late.	enabling device	6

PNOZmulti Report Cross Reference - Connection Points : Main Program

Connection Point	Equipment ID	Source	P[t] - Page destination (P) and number times (t)
1	fbk KM assi+elm	3	1[1]
3	macchina ferma	4	2[1]
4	speed setting ok	4	5[1]
6	protezioni ok	2	1[1] , 5[1]
7	modo automatico	5	1[1]
8	modo setting	5	1[1]
9	non emrg setting	5	1[1] , 3[1]
13	non emergenza	1	3[1]

PNOZmulti Report Speed Monitor

Input Device

Inputs:	speed control 1.i10
	speed control 1.i11
Module:	speed control 1(Position 1)
Axis:	Axis 1
Input device type:	Proximity switch

Axis Data

Axis type:	Linear axis
Gear ratio:	1
Lead screw pitch:	280 mm
Number of pulses per revolution:	21
Tolerance:	10 %
Hysteresis:	0 %

General

Outputs:	Overspeed	Activated
	Standstill	Activated
	Clockwise	Deactivated
	Counter-clockwise	Deactivated
Start Mode:	Automatic Start	
Equipment ID:	gantry speed	

Speed

Input	Speed [m/min]	Frequency [Hz]	Hysteresis applied [Hz]
Standstill:	0.7273	1	0.7
n1:	2.1818	3	2.2
n2:			
n3:			
n4:			
n5:			
n6:			
n7:			
n8:			

PNOZmulti Report Speed Monitor

Input Device

Inputs:	speed control 1.i20
	speed control 1.i21
Module:	speed control 1(Position 1)
Axis:	Axis 2
Input device type:	Proximity switch

Axis Data

Axis type:	Linear axis
Gear ratio:	1
Lead screw pitch:	240 mm
Number of pulses per revolution:	24
Tolerance:	10 %
Hysteresis:	0 %

General

Outputs:	Overspeed	Activated
	Standstill	Activated
	Clockwise	Deactivated
	Counter-clockwise	Deactivated
Start Mode:	Automatic Start	
Equipment ID:	carro speed	

Speed

Input	Speed [m/min]	Frequency [Hz]	Hysteresis applied [Hz]
Standstill:	0.5455	1	0.5
n1:	2.1818	4	2.2
n2:			
n3:			
n4:			
n5:			
n6:			
n7:			
n8:			

Input Device

Inputs:	speed control 2.i10
	speed control 2.i11
Module:	speed control 2(Position 2)
Axis:	Axis 1
Input device type:	Proximity switch

Axis Data

Axis type:	Linear axis
Gear ratio:	1
Lead screw pitch:	400 mm
Number of pulses per revolution:	30
Tolerance:	10 %
Hysteresis:	0 %

General

Outputs:	Overspeed	Activated
	Standstill	Activated
	Clockwise	Deactivated
	Counter-clockwise	Deactivated
Start Mode:	Automatic Start	
Equipment ID:	Z speed	

Speed

Input	Speed [m/min]	Frequency [Hz]	Hysteresis applied [Hz]
Standstill:	0.7273	1	0.7
n1:	2.1818	3	2.2
n2:			
n3:			
n4:			
n5:			
n6:			
n7:			
n8:			