

Sommario

32 standard digital inputs + 4 rapid inputs

The electrical characteristics are given in paragraph [Electrical features](#).
The connection examples are given in paragraph [Connection examples](#)

CN11	Terminal	Symbol	Description	Address
	1	I01(PNP)	PNP type rapid input I01	External terminal configuration ¹⁾ FREQ1²⁾
	2	I01(NPN)	NPN type rapid input I01	
	3	0V	Common for digital inputs	
	4	I1	Input I1	3.INP01
	5	I2	Input I2	3.INP02
	6	I3	Input I3	3.INP03
	7	I4	Input I4	3.INP04
	8	I5	Input I5	3.INP05
	9	I6	Input I6	3.INP06
	10	I7	Input I7	3.INP07
	11	I8	Input I8	3.INP08
	12	0V	Common for digital inputs	

¹⁾ **NPN type rapid input configuration:**

Terminal 1: connect to 12-24Vdc of power unit

Terminal 2: input

PNP type rapid input configuration:

Terminal 1: input

Terminal 2: connect to 0V (terminal 3)

²⁾ Used also as frequency input for a FREQ device, indicating 1 in the device declaration

CN12	Terminal	Symbol	Description	Address
	1	I02(PNP)	PNP type rapid input I02	External terminal configuration ¹⁾ FREQ2 ²⁾
	2	I02(NPN)	NPN type rapid input I02	
	3	0V	Common for digital inputs	
	4	I9	Input I9	3.INP09
	5	I10	Input I10	3.INP10
	6	I11	Input I11	3.INP11
	7	I12	Input I12	3.INP12
	8	I13	Input I13	3.INP13
	9	I14	Input I14	3.INP14
	10	I15	Input I15	3.INP15
	11	I16	Input I16	3.INP16
	12	0V	Common for digital inputs	

¹⁾ NPN type rapid input configuration:

Terminal 1: connect to 12-24Vdc of power unit

Terminal 2: input

PNP type rapid input configuration:

Terminal 1: input

Terminal 2: connect to 0V (terminal 3)

²⁾ Used also as frequency input for a FREQ device, indicating 2 in the device declaration

CN13	Terminal	Symbol	Description		Address	
	1	I03(PNP)	PNP type rapid input I03	External terminal configuration ¹⁾	1.INT09	
	2	I03(NPN)	NPN type rapid input I03			
	3	0V	Common for digital inputs			
	4	I17	Input I17			3.INP17
	5	I18	Input I18			3.INP18
	6	I19	Input I19			3.INP19
	7	I20	Input I20			3.INP20
	8	I21	Input I21			3.INP21
	9	I22	Input I22			3.INP22
	10	I23	Input I23			3.INP23
	11	I24	Input I24			3.INP24
	12	0V	Common for digital inputs			

¹⁾ **NPN type rapid input configuration:**

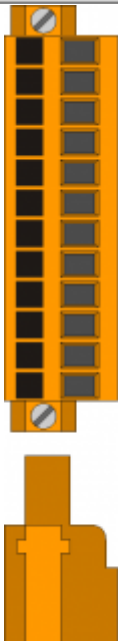
Terminal 1: connect to 12-24Vdc of power unit

Terminal 2: input

PNP type rapid input configuration:

Terminal 1: input

Terminal 2: connect to 0V (terminal 3)

CN14	Terminal	Symbol	Description		Address	
	1	I04(PNP)	Rapid input I04 di tipo PNP	External terminal configuration ¹⁾	1.INT10	
	2	I04(NPN)	NPN type rapid input I04			
	3	0V	Common for digital inputs			
	4	I25	Input I25			3.INP25
	5	I26	Input I26			3.INP26
	6	I27	Input I27			3.INP27
	7	I28	Input I28			3.INP28
	8	I29	Input I29			3.INP29
	9	I30	Input I30			3.INP30
	10	I31	Input I31			3.INP31
	11	I32	Input I32			3.INP32
	12	0V	Common for digital inputs			

¹⁾ **NPN type rapid input configuration:**

Terminal 1: connect to 12-24Vdc of power unit

Terminal 2: input

PNP type rapid input configuration:

Terminal 1: input

Terminal 2: connect to 0V (terminal 3)

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