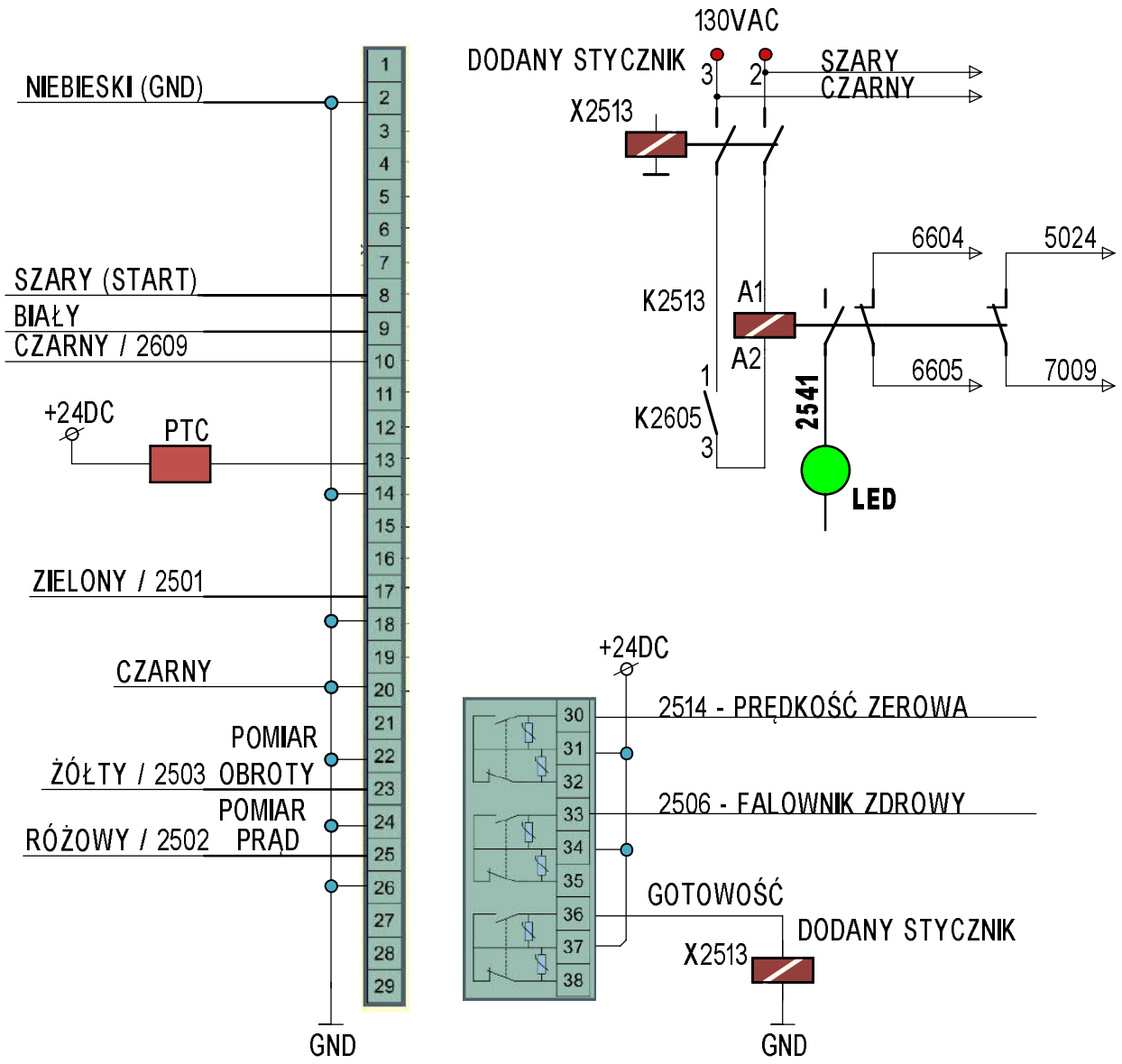
PRIMER / MASTER



	PIN	SEÑAL	DESCRIPCIÓN
EXT. SUPPLY	1	+24Vdc	Power supply 24Vdc control card.
	2	GND	GND control board.
STO FUNCITON	3	STO 1[1]	Safety input STO 1.
	4	TEST 1	Safety common input STO 1.
	5	STO 2[1]	Safety input STO 2.
	6	TEST 2	Safety common input STO 2.
DIGITAL INPUTS	7	+24V_USER	Power supply for digital intputs. Protect against short circuit and overload. (Maximum +24Vdc, 180mA).
	8	DI1	Programmable Digital Input 1 (Digital Input 1). Digital inputs are configured in the Input group. Their status can be displayed in the visualisation group. It is powered from terminal 7 or form an external power 24Vdc supply. If an external power supply is used, the common must be connected to terminal 29 (GND_USER). Programmable input as PNP and NPN [2].
	9	DI2	Programmable Digital Input 2. Same features as DI1.
	10	DI3	Programmable Digital Input 3. Same features as DI1.
	11	DI4	Programmable Digital Input 4. Same features as DI1.
	12	DI5	Programmable Digital Input 5. Same features as DI1.
	13	DI6	Programmable Digital Input 6. Same features as DI1. Besides, input configurable as digital PTC.
ANALOGUE INPUTS	14	GND_USUARIO	GND connection (0 V) for inputs
	15	+24V_USUARIO	Supply voltage for analog inputs
	16	10V_POT	10V power supply for potentiometer. Ready to supply a maximum of 2 potentiometers (R ≥ 1kΩ).
	17	AI1+	Voltage or current Programmable Analogue Input 1 (V o mA). Configurable to 0-10Vdc, 0-20mA or 4-20mA [2]. The value of the input resistance in voltage mode is Ri=20kΩ. The value of the input resistance in current mode is Ri=250Ω.
	18	AI1-	Common Analog Input 1.
	19	AI2+-	Voltage or current Programmable Analogue Input 2 (V o mA). Configurable to 0-10Vdc, 0-20mA or 4-20mA. The value of the input resistance in voltage mode is Ri=20kΩ. The value of the input resistance in current mode is Ri=250Ω.
	20	AI2-	Common Analog Input 2.
	21	AI3+-	Voltage or current Programmable Analogue Input 2 (V o mA). Configurable to 0-10Vdc, 0-20mA or 4-20mA. The value of the input resistance in voltage mode is Ri=20kΩ. The value of the input resistance in current mode is Ri=250Ω.
	22	AI3-	Common Analog Input 3.
ANALOGUE OUTPUTS	23	AO1+	Voltage or current Programmable Analogue Output 1 (V o mA). Configurable to 0-10Vdc, 0-20mA or 4-20mA.
	24	AO1-	Common Analog Ouput 1.
	25	AO2+	Voltage or current Programmable Analogue Output 2 (V o mA). Configurable to 0-10Vdc, 0-20mA or 4-20mA.
	26	AO2-	Common Analog Ouput 2.
COMMUNICATIONS	27	RS485 A	RS485 Modbus serial communication interface.
	28	RS485 B	RS485 Modbus serial communication interface.
	29	GND_USER	GND Connection.
DIGITAL OUTPUTS	30	RLY1 NO	Digital Output 1. Programmable change over relay (NO / NC). Potential free (Maximum: 250VAC, 8A; 30VDC, 8A).
	31	RLY1 C	
	32	RLY1 NC	
	33	RLY2 NO	Digital Output 2. Programmable change over relay (NO / NC). Potential free (Maximum: 250VAC, 8A; 30VDC, 8A).
	34	RLY2 C	
	35	RLY2 NC	
	36	RLY3 NO	Digital Output 3. Programmable change over relay (NO / NC). Potential free (Maximum: 250VAC, 8A; 30VDC, 8A).
	37	RLY3 C	
	38	RLY3 NC	

BTT-AUTOMATYKA

LISTWA STEROWANIA PRIMER MASTER

Project: SD750-Linpac	Drawing no.:	Init.:	Rev.:	Sheet: 2
Date: 2022-03-29	Function:	Location:	Total sheets: 3	Next sheet: 3