

## Digital Inputs

Input	Terminal	Function
1	3	Position encoder X -axis A-signal Yellow LED-indicator
2	4	Position encoder X - axis B-signal Yellow LED-indicator
3	7	Upper limit sensor X-axis Green LED-indicator, goes off at limit Calibration sensor if Auto calibration is used
4	10	Lower limit sensor X-axis Red LED-indicator, goes off at limit Common input for limit sensors if Auto calibration is used
5	13	Position encoder Y - axis A-signal
6	14	Position encoder Y - axis B-signal
7	17	Calibration sensor Y - axis
8	20	Limit sensor Y - axis
9	23	Position encoder Z - axis A-signal
10	24	Position encoder Z - axis B-signal
11	27	Calibration sensor Z - axis
12	30	Limit sensor Z - axis
13	33	Position encoder F - axis A-signal
14	34	Position encoder F - axis B-signal
15	37	Calibration sensor F - axis
16	40	Limit sensor F - axis
17	-	Program selector x1 A (value 1)
18	-	Program selector x1 B (value 2)
19	-	Program selector x1 C (value 4)
20	-	Program selector x1 D (value 8)
21	-	Program selector x10 A (value 10)
22	-	Program selector x10 B (value 20)
23	-	Program selector x10 C (value 40)
24	-	Program selector x10 D (value 80)
25	70	Spare (Address 8 on EXTPOS)
26	71	Spare (Address 9 on EXTPOS)
27	72	Spare
28	87	TRIP-alarm from inverters
29	55	Emergency stop circuit OK
30	68	Pedal circuit A ON
31	69	Pedal circuit B ON
32	-	Not used

## Relay outputs

Relay	Terminal	Function
1	75-76	Start or Forward control X - axis
2	75-77	Reverse or Backwards control X - axis
3	81-82	Start or Forward control Y - axis
4	81-83	Reverse or Backwards control Y - axis
5	91-92	Start or Forward control Z - axis
6	91-93	Reverse or Backwards control Z - axis
7	97-98	Start or Forward control F - axis
8	97-99	Reverse or Backwards control F - axis
9	56-78	Brake or power relay motor X - axis
10	56-84	Brake or power relay motor Y - axis
11	56-94	Brake or power relay motor Z - axis
12	56-100	Brake or power relay motor F - axis
13	63-64	Lock control X- axis
14	63-65	Indicator output auto movement
15	63-66	Sector active
16	63-67	EXT-position OK

## Analog outputs

Output	Terminal	Function
1	73-74	Analog output 0-10 volt X - axis
2	79-80	Analog output 0-10 volt Y - axis
3	89-90	Analog output 0-10 volt Z - axis
4	95-96	Analog output 0-10 volt F - axis