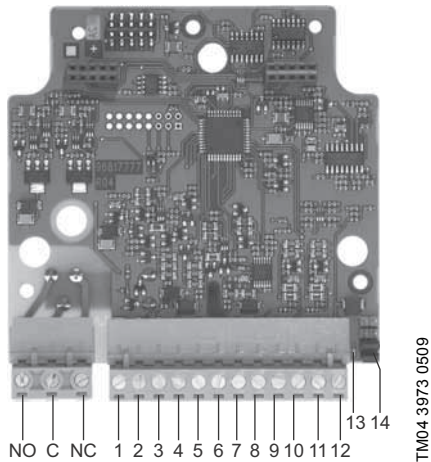


## IO module

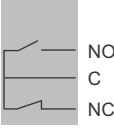


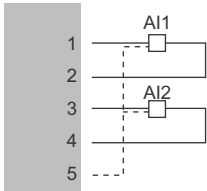
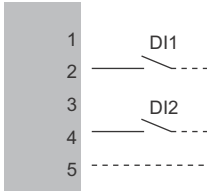
**Fig. 1** IO module

Pos.	Designation	Description	Section
NO	NO		
C	C	Terminals for relay output	5.1 Relay output
NC	NC		
1	-	24 V supply for AI1	
2	AI1/DI1	• Analog input 1 or • digital input 1	
3	-	24 V supply for AI2	5.2 Inputs AI1/DI1 and AI2/DI2
4	AI2/DI2	• Analog input 2 or • digital input 2	
5	GND	Earth terminal	
6	AO	Analog output 0-10 V	5.3 Analog output
7	GND	Earth terminal	
8	DI3	Digital input 3	
9	GND	Earth terminal	5.4 Digital inputs
10	DI4	Digital input 4	
11	GND	Earth terminal	
12	Pt100/Pt1000	Pt100 or Pt1000 input	5.5 Pt100/Pt1000 input
13	LED	Power indicator	5.6 Power indicator LED
14	J1-J4	Jumpers	5.2.1 Jumper settings

## Overview of inputs and outputs

AI	Analog input
AO	Analog output
C	Common
DI	Digital input
NC	Normally closed contact
NO	Normally open contact

Terminal	Designation	Data	Diagram
<b>Relay output</b>			<b>IO module</b>
NO	Normally open contact	Maximum contact load: 240 VAC, 2 A Minimum contact load: 5 VDC, 10 mA	
C	Common		
NC	Normally closed contact		

<b>Configurable inputs AI1/DI1* and AI2/DI2*</b>			<b>IO module</b>
1	+ 24 V for AI1	24 V $\pm$ 10 %, maximum 30 mA, short-circuit-protected	
2	AI1/DI1	<ul style="list-style-type: none"> <li>• 0-20 mA</li> <li>• 4-20 mA</li> <li>• 0-10 V</li> <li>• digital</li> </ul>	
3	+ 24 V for AI2	24 V $\pm$ 10 %, maximum 30 mA, short-circuit-protected	
4	AI2/DI2	<ul style="list-style-type: none"> <li>• 0-20 mA</li> <li>• 4-20 mA</li> <li>• 0-10 V</li> <li>• digital</li> </ul>	or
5	GND	-	

\* Configure these inputs by use of jumpers. See section 5.2.1 *Jumper settings*.

**Note:** Each input is to be configured according to the sensor connected.

Terminal	Designation	Data	Diagram
<b>Analog output</b>			<b>IO module</b>
6	AO	<ul style="list-style-type: none"> <li>• 0-10 V <math>\pm</math> 2 % of full scale</li> <li>• Maximum output current: 1 mA</li> </ul>	
7	GND	-	
<b>Digital inputs</b>			<b>IO module</b>
8	DI3	Digital input	
9	GND	-	
10	DI4	Digital input	
<b>Pt100/Pt1000 sensor input</b>			<b>IO module</b>
11	GND	-	
12	Pt100/Pt1000	-	