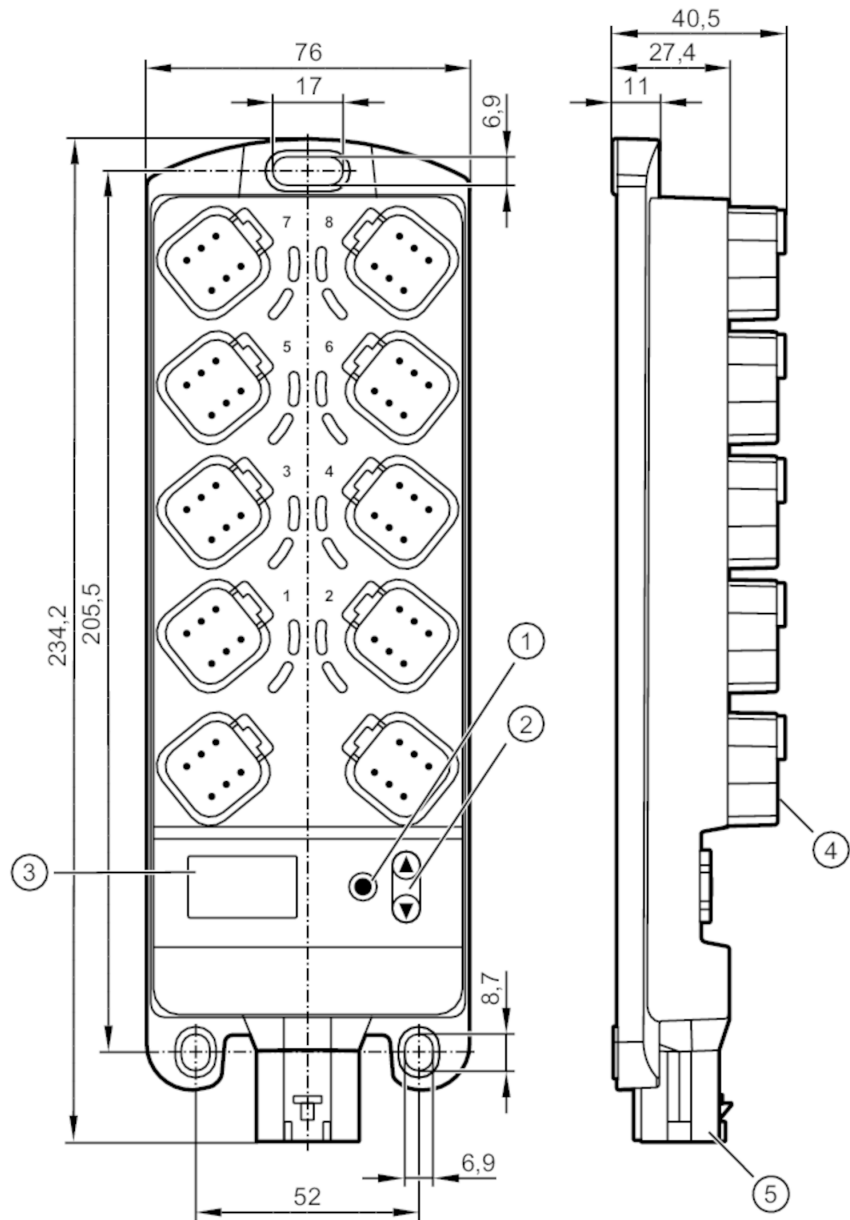


CR2052



I/O module for mobile machines

ioControl/In 8/Out 8/DT6



- 1+2 programming buttons
- 3 display
- 4 DEUTSCH connector
- 5 AMP connector



Electrical data	
Operating voltage [V]	8...32 DC
Reverse polarity protection	yes
Inputs / outputs	
Total number of inputs and outputs	16
Number of inputs and outputs	Number of digital inputs: 8; Number of analogue inputs: 4; Number of frequency inputs: 4; Number of resistor inputs: 4; Number of digital outputs: 8



I/O module for mobile machines

ioControl/In 8/Out 8/DT6

Inputs		
Total number of inputs		8
Number of frequency inputs		4
Number of resistor inputs		4
Number of digital inputs		8
Number of analogue inputs		4
Analogue input (current)	[mA]	0...20
Analogue input (voltage)	[V]	0...32
Outputs		
Total number of outputs		8
Number of digital outputs		8
Short-circuit protection		yes
Number of PWM outputs		8
Number of PWM-I outputs		8
Software / programming		
Parameter setting options		input/output functions
PLC function to IEC 61131-3		yes
Interfaces		
Number of CAN interfaces		2
Operating conditions		
Ambient temperature	[°C]	-40...85
Storage temperature	[°C]	-40...85
Protection		IP 65; IP 67
Tests / approvals		
EMC	DIN EN 61000-6-2	
	DIN EN 61000-6-4	
MTTF	[years]	88
Mechanical data		
Weight	[g]	707.5
Type of mounting		mounting via screws
Dimensions	[mm]	234.2 x 76 x 40.5
Materials		PA glass fibre reinforced
Displays / operating elements		
Display		10-segment LED display, red/green 4-digit
Remarks		
Pack quantity		1 pcs.
Electrical connection - CAN interface		
CAN IN		
1	GND_CAN	
2	CAN1_H	
3	V_CAN	
4	V_CAN	
5	CAN1_L	
6	GND_CAN	

I/O module for mobile machines

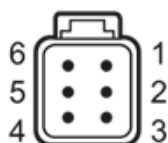
ioControl/In 8/Out 8/DT6

CAN OUT

1	GND_CAN
2	CAN1_H
3	V_CAN
4	V_CAN
5	CAN1_L
6	GND_CAN

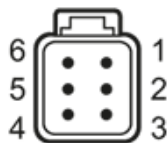
Electrical connection - CAN interface 2

Connector: 2 x DEUTSCH connector



Electrical connection - inputs / outputs

Connector: 8 x DEUTSCH connector



Inputs Con. 1, 3, 5, 7

1	GND1
2	input
3	VBBS
4	VBBS
5	input
6	GND1

Outputs Con. 2, 4, 6, 8

1	GND2
2	Output
3	not used
4	not used
5	Output
6	GND2

Electrical connection - supply / CAN interface

X1

1	GND1
2	CAN2_L
3	GND2
4	VBBs
5	CAN2_H
6	VBB2

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I/O module for mobile machines

ioControl/In 8/Out 8/DT6

Electrical connection - supply / CAN interface 1

Connector: 1 x AMP connector

