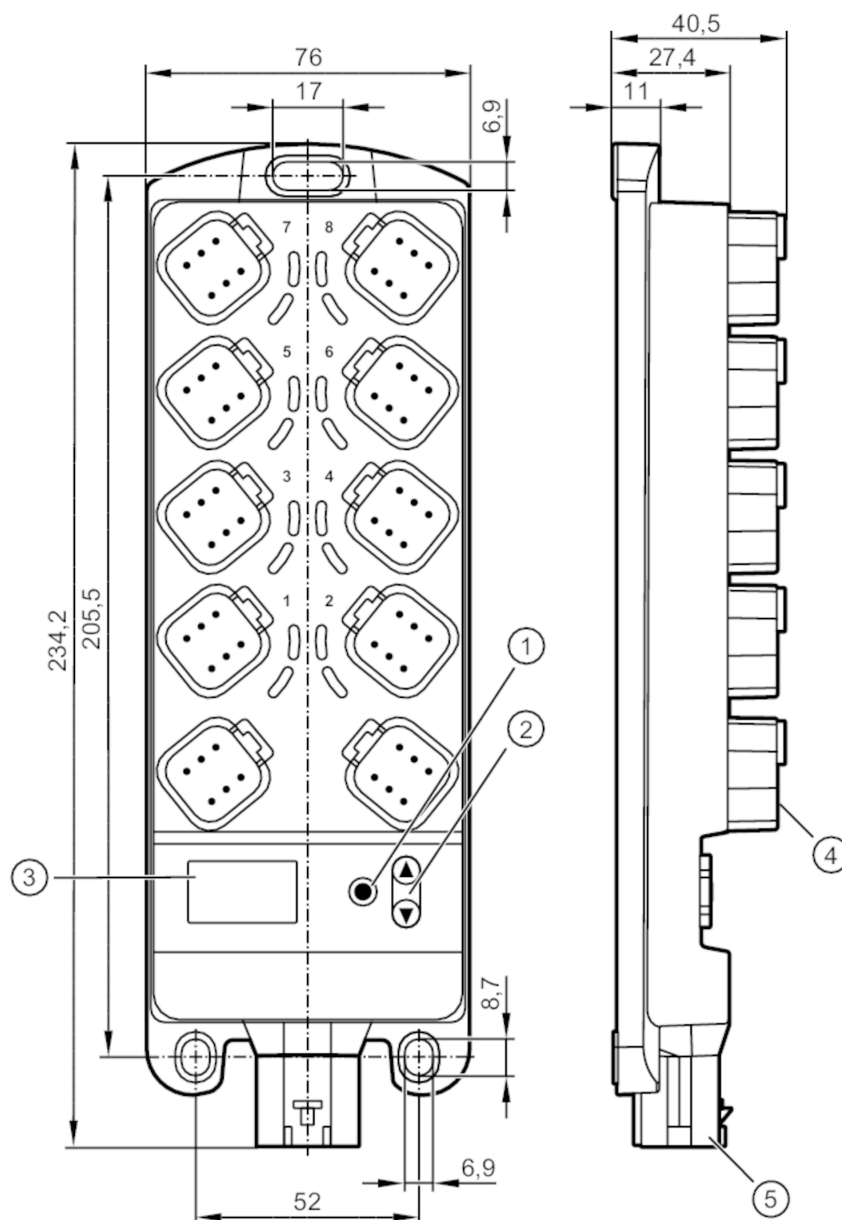


CR2050

I/O module for mobile machines

ioControl/In 16/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: 16; Number of analogue inputs: 8; Number of frequency inputs: 4; Number of resistor inputs: 4



I/O module for mobile machines

ioControl/In 16/DT6

Inputs		
Total number of inputs		16
Number of frequency inputs		4
Number of resistor inputs		4
Number of digital inputs		16
Number of analogue inputs		8
Analogue input (current)	[mA]	0...20
Analogue input (voltage)	[V]	0...32
Outputs		
Short-circuit protection		yes
Software / programming		
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]	100
Mechanical data		
Weight	[g]	692
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 2		
Connector: 2 x DEUTSCH connector		



I/O module for mobile machines

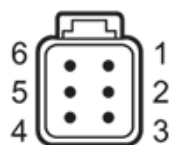
ioControl/In 16/DT6

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

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

Electrical connection - Inputs

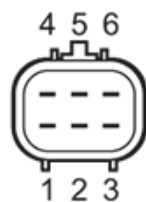
Connector: 8 x DEUTSCH connector



Con. 1...8	
1	GND1
2	input
3	VBBS
4	VBBS
5	input
6	GND1

Electrical connection - supply / CAN interface 1

Connector: 1 x AMP connector



X1	
1	GND1
2	CAN2_L
3	n.c.
4	VBBs
5	CAN2_H
6	n.c.