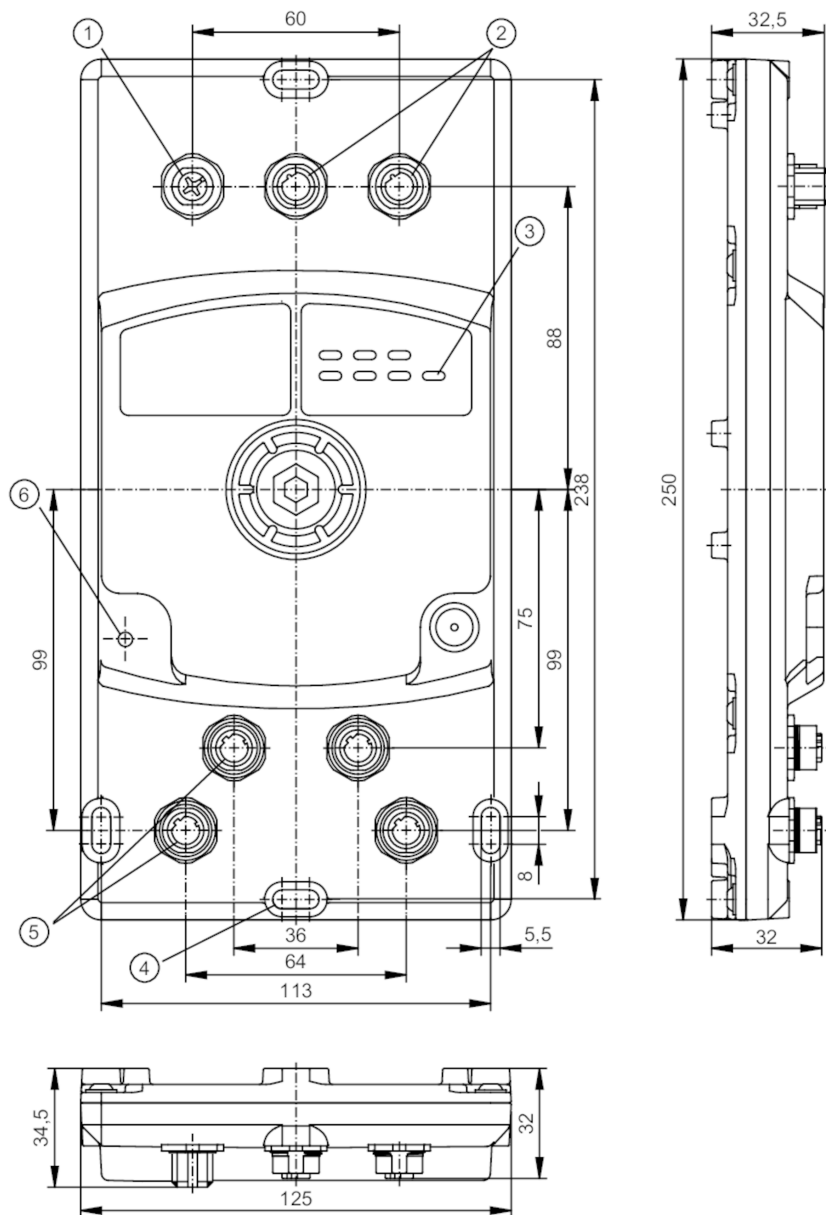


AE3400



IIoT controller

IIoT Controller IP67



- | | |
|---|--------------------|
| 1 | voltage supply |
| 2 | USB interface |
| 3 | LEDs |
| 4 | mounting hole |
| 5 | Ethernet interface |
| 6 | functional earth |



Product characteristics

Communication interface	Ethernet; USB
Housing	rectangular
Dimensions [mm]	250 x 125 x 32.5

Application

Application	freely programmable edgeDevice for industrial applications
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AE3400



IIoT controller

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Electrical data		
Operating voltage	[V]	8...32 DC; (to PELV)
Nominal voltage DC	[V]	12 / 24
Power consumption	[W]	14; (max. power for USB devices: 1,5 A / 5 V)
Reverse polarity protection		yes
Overvoltage category		II
Software / programming		
Parameter setting options		CODESYS 3.5
PLC function to IEC 61131-3		yes
Interfaces		
Communication interface		Ethernet; USB
Number of Ethernet interfaces		4
Number of USB interfaces		2
Ethernet		
Transmission standard		10Base-T; 100Base-TX
Transmission rate		10 MBit/s; 100 MBit/s
Type of connector		RJ45
Protocol		EtherNet/IP; PROFINET; EtherCAT; Modbus TCP; OPC UA; IoT (MQTT, HTTP, Cloud connectors)
USB		
Transmission rate		< 480 MBit/s
Type of connector		type A
Version		USB 2.0
Note on interfaces		Output current limitation: 1,5 A
		Output current total: 1,5 A
Operating conditions		
Ambient temperature	[°C]	-25...55
Storage temperature	[°C]	-25...85
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	3000
Protection		IP 65; IP 67
Degree of soiling		2
Tests / approvals		
EMC	EN IEC 61000-6-2	
	EN IEC 61000-6-8	
Mechanical data		
Weight	[g]	1077.2
Housing		rectangular
Type of mounting		Backplane mounting
Dimensions	[mm]	250 x 125 x 32.5
Material		housing: diecast aluminium powder-coated
Displays / operating elements		
Display		3 LED, three-color

AE3400



IIoT controller

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Hardware	
Processor	ARM 64 Bit Quad Core 1,2 GHz
Working memory	1 GByte RAM
Mass storage	8 GByte Flash
Removable storage	SDHX; SDXC; USB interface
Data memory	
Real-time clock	yes; UTC, battery buffered
Remarks	
Remarks	Further information is available in the manual.
Pack quantity	1 pcs.

Electrical connection - Ethernet

Connector: 4 x M12; coding: D



1	DATA	TX +
2	DATA	RX+
3	DATA	TX -
4	DATA	RX -

Electrical connection - voltage supply

Connector: 1 x M12; coding: A



1	L+	(+12 V)
2	L+	(+12 V / +24 V)
3	L-	
4	n.c.	
5	n.c.	

AE3400

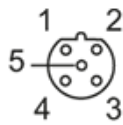


IloT controller

IloT Controller IP67

Electrical connection - USB

Connector: 2 x M12; coding: B



1	L+
2	DATA -
3	DATA +
4	n.c.
5	L-