

Technical data sheet

Base station

Part no.: 50144935

Base IT 1991i

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For illustration purposes only



Technical data

Basic data

Type	Base station
Suitable for	IT 1991i series mobile 2D-code readers

Electrical data

Performance data	
Supply voltage U_B	4.5 ... 5.5 V, DC

Interface

Type	PS/2
	RS 232
	USB

Connection

Number of connections	3 Piece(s)
Bluetooth range	Class 1
Bluetooth version	4.2

Connection 1	
Function	Configuration interface
	Data interface
	Voltage supply
Type of connection	RJ41
Connection 2	
Function	Voltage supply
Type of connection	Jack socket
Connection 3	
Type of connection	Bluetooth

Mechanical data

Dimension (W x H x L)	102 mm x 60 mm x 245 mm
Plastic housing	UL 94-V0
Net weight	290 g

Environmental data

Ambient temperature, operation	-20 ... 50 °C
Ambient temperature, storage	-40 ... 60 °C
Drop height	1.2 m
Measurements relative to	Concrete floor

Certifications

Degree of protection	IP 51
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Classification

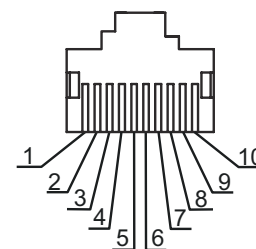
Customs tariff number	84719000
ECLASS 5.1.4	27289200
ECLASS 8.0	27289290
ECLASS 9.0	27289290
ECLASS 10.0	27280192
ECLASS 11.0	27280192
ECLASS 12.0	27280105
ECLASS 13.0	27280105
ECLASS 14.0	27280105
ECLASS 15.0	27280105
ETIM 5.0	EC002498
ETIM 6.0	EC002997
ETIM 7.0	EC003015
ETIM 8.0	EC003015
ETIM 9.0	EC003015
ETIM 10.0	EC003015

Electrical connection

Connection 1

Function	Configuration interface
	Data interface
	Voltage supply
Type of connection	RJ41

Pin	Pin assignment
1	Shield
2	Cable ID
3	GND
4	TxD RS 232 / n.c. USB
5	RxD RS 232 / n.c. USB
6	CTS RS 232 / n.c. USB
7	+5 V DC
8	RTS RS 232 / n.c. USB
9	n.c. RS 232 / Data + USB
10	n.c. RS 232 / Data - USB



Electrical connection

Connection 2

Function	Voltage supply
Type of connection	Jack socket
Diameter	5.4
No. of pins	2 -pin

Connection 3

Function	Configuration interface
	Data interface
Type of connection	Bluetooth

Operation and display

LED	Display	Meaning
1	Red, 1x flashing	Data transmission active
	Red, continuous light	Operational readiness
2	Green, flashing	Charging active
	Green, continuous light	Battery charged

Notes

 Observe intended use!	
	⚠ This product is not a safety sensor and is not intended as personnel protection. ⚠ The product may only be put into operation by competent persons. ⚠ Only use the product in accordance with its intended use.

Accessories

Connection technology - Connection unit

	Part no.	Designation	Article	Description
	50112891	MA 248i Profinet Gateway	Modular connection unit	Supply voltage: 18 ... 30 V, DC Current consumption, max.: 300 mA Interface: RS 232, PROFINET Connections: 6 Piece(s) Degree of protection: IP 65

Connection technology - Interconnection cables

	Part no.	Designation	Article	Description
	50113397	KB JST-HS-300	Interconnection cable	Application: Chemical resistant Suitable for interface: RS 232 Connection 1: JST ZHR connector Connection 2: Sub-D, Axial, Male, 9 -pin Shielded: Yes Cable length: 300 mm Sheathing material: PUR

Accessories

Power supply units

	Part no.	Designation	Article	Description
	50123862	NT Base IT1911-EU	Power supply unit	Type of power supply unit: Plug-in power supply unit Output: 5 V DC, 1 A Input: 110 ... 240 V AC, 50 ... 60 Hz

Note

	A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.
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