Technical Specifications

Power supply	12 ... 30VDC (Relays work above 19.2V)
Power consumption	typ. 2.4W, max. 4.3W
Power loss at max. load	8.4W
Digital Inputs	4 digital inputs: logic 0: 0 ... 4.5VDC undefined: 4.6 ... 5.9VDC logic 1: 6 ... 30VDC Ri=45kΩ useable as frequency counter: frequency: 1 ... 500Hz min. pulse width: 2ms accuracy: +/- 1Hz
Relay Outputs	2 digital relay outputs, dry contact: 250VAC 16A* at cosφ =1 or 30VDC 16A* *Load > 12A: 2.5mm2 / AWG12
Interfaces	Loxone Link, switchable to Tree in software: up to 30 Extensions or 50 Tree devices, max. 500m Loxone Tree: up to 50 Tree devices, max. 500m Loxone Tree Turbo: up to 10 Tree Turbo devices, max. 150m Loxone Air: up to 128 Air devices 868MHz (SRD Band Europe), 4 channels, max. 15.1mW e.r.p. 915MHz (ISM Band Region 2), 10 channels, max. 13.2mW Internal antenna Ethernet: 100Mbps, IPv4/IPv6, HTTPS, SSL/TLS USB 2.0: Type A, max. 500mA

Ambient temperature	0 ... 50°C / 32 ... 122°F
Humidity	max. 95% r.H. (non condensing)
Degree of Protection	IP20

Connecting terminals

	DC Supply, Link, Tree, Tree Turbo	Digital Inputs	Relay Outputs
Terminal type	DG220B	FMC 0,5	MSTB 2,5 HC
Wire cross-section	0.28 ... 0.8mm2 AWG23 ... 18	0,14 ... 0,5mm2 AWG26 ... 20	0.2 ... 2.5mm2 / AWG24 ... 12 Load > 12A: 2.5mm2 / AWG12
Stripping length	5 ... 6mm 0.2 ... 0.24"	7mm / 0,28"	7mm / 0,28"
Tightening torque	-	-	0.5 ... 0.6Nm / 0.37 ... 0.44 lbf ft
Temperature resistance	-40 ... 105°C -40 ... 221°F	-40 ... 70 °C / -40 ... 158°F	-40 ... 70 °C / -40 ... 158°F

LOXONE

Miniserver Compact

RECOGNIZED COMPONENT

UKCA

ETL LISTED c US
Intertek

Works with Apple HomeKit

Part No.: 100512

About the product

The Miniserver Compact serves as a central control unit for all kinds of automation tasks. Interfaces for Link, Tree, Air and Tree Turbo are integrated for expansion with numerous devices. This way, the Miniserver Compact also serves as an Audioserver.

Installation & electrical connection

The installation of the devices has to be mounted on a DIN rail in an electrical distribution housing (Standard distribution) and may only be performed by qualified personnel.

Protection against electrical contact and fire protection must be provided in the final installation by the use of a standards compliant/approved housing.

To turn the unit on/off during installation and in case of failure, a separator (disconnecting device) must be present. These must be easily accessible and visible.

If the unit is used in a non conform manner as specified by the manufacturer the product included safeguards will be impaired.