



AMBIENT SYSTEM

Ambient System ABT-ISLE audio and RS485 splitter

Product code ABT-ISLE · Voice alarm systems > Control equipment

Interface module that splits the four-channel RJ45 audio output of the central unit to four amplifier inputs and connects the voice alarm system to other systems over an RS485 bus. DIN rail mounting. EN 54-16.

- RS485 connection for integration with other systems
- Splits 4 audio channels to four RJ45 connectors for amplifiers
- Local audio input on an 8-pole screw terminal
- 16 addresses (0–F)
- Mounting on a TH 35 DIN rail



Product description

ABT-ISLE is an interface and distribution module from Ambient System. Its RS485 connection is used to connect the voice alarm system to other systems and devices. In addition, the module splits the four analogue channels of the central unit's RJ45 audio output to four RJ45 connectors, each of which feeds one channel to an amplifier input.

Local audio sources can be connected to an 8-pole Phoenix screw terminal (LOCAL AUDIO IN), which is wired directly to the RJ45 connector LOCAL AUDIO OUT. A separate RJ45 connector (PSM) is provided for connecting the power management unit.

Each module has its own address, which is set with an address switch (16 addresses, 0–F). The first module in the chain has the address 0. The enclosure is mounted on a TH 35 DIN rail.

Technical data

Product code	ABT-ISLE
Manufacturer	Ambient System
Product group	Voice alarm systems > Control equipment
Connection	RS485 (2 × RJ45), audio input (RJ45), 4 audio outputs for amplifiers (4 × RJ45), local audio input (8-pole Phoenix), PSM (RJ45)
Addresses	16 (0–F), address switch
Mounting	DIN rail TH 35
EN 54 approval	EN 54-16 (as part of the system)
CPR	1488-CPR-0500/W (MultiVES), 1438-CPR-0948 (smartVES)

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Datasheet: ABT-ISLE (Ambient System)

CPR certificate (series): 1438-CPR-0948, smartVES system

Declaration of performance (DoP) (series): smartVES system smart-20230925

EU declaration of conformity (series): smartVES system smartVES-DCE-20231025

CPR certificate (series): 1488-CPR-0500/W, MultiVES system

Declaration of performance (DoP) (series): MultiVES system MULTIVES-20200525

EU declaration of conformity (series): MultiVES system Multives-DCE-20210101

User manual (series): MultiVES voice alarm system

Datasheet (series): smartVES voice alarm system (Ambient System)

User manual (series): smartVES voice alarm system

Request a quote or ask for more information

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Up-to-date information and documents: pap.fi/en/tuote/abt-isle/