



# Datasheet

## RAK-LINK

### Wired System Connection Unit



### What is the RAK-LINK?

The RAK-LINK is an essential component of any Rako Wired network.

The RAK-LINK provides power to the Wired network and communicates between the Wired network and the RAK8 units. Up to 32 circuits can be mapped to a single RAK-LINK (4 RAK8 units); multiple RAK-LINKs may be used should more circuits be required.

The RAK-LINK supports up to two CAT5 or CAT6 cables via the punch-down connector and has three RJ11 ports that can connect Rako Wired accessories.

The power supply on the RAK-LINK is capable of powering up to 40 Rako Wired devices via the punch-down connectors.

### Technical Data

|               |   |
|---------------|---|
| Dimensions    | 137x253x80mm  |
| Input Supply  | 230V AC 50Hz  |
| Protection    | 6A Type B MCB protection required   |
| Output        | 15V DC 3A for Rako wired network  |
| Weight        | 2Kg   |
| Climate Range | Temperature +2C to +40C<br>Humidity +5% to 95%<br>non-condensing                      |
| Cable types   | CAT5e, CAT6, RJ11   |
| Terminals     | 3-way terminal block for mains input,<br>8 way krone connector for Rako Wired network |
| Ports         | 3 x RJ11 (Rako wired network only),<br>1 x RJ45 (RAKs only)                           |
| Cable entry   | Multiple knockouts on top, bottom,<br>side and rear                                   |
| Standards     | RoHS<br>UKCA, CE<br>EN 60669-2-5:2016   |
| Communication | CAN and RS485   |

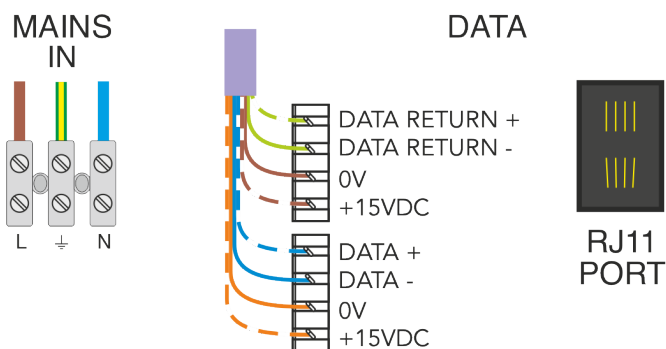
### Dimensions



### Installation and Setup

For information on installing and setting up the RAK-LINK, see the [RAK-LINK Manual](#).

### Connections



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