



# Wiring Overview

For Rako Wired Systems

2025  
Version 1.0.0



# Contents

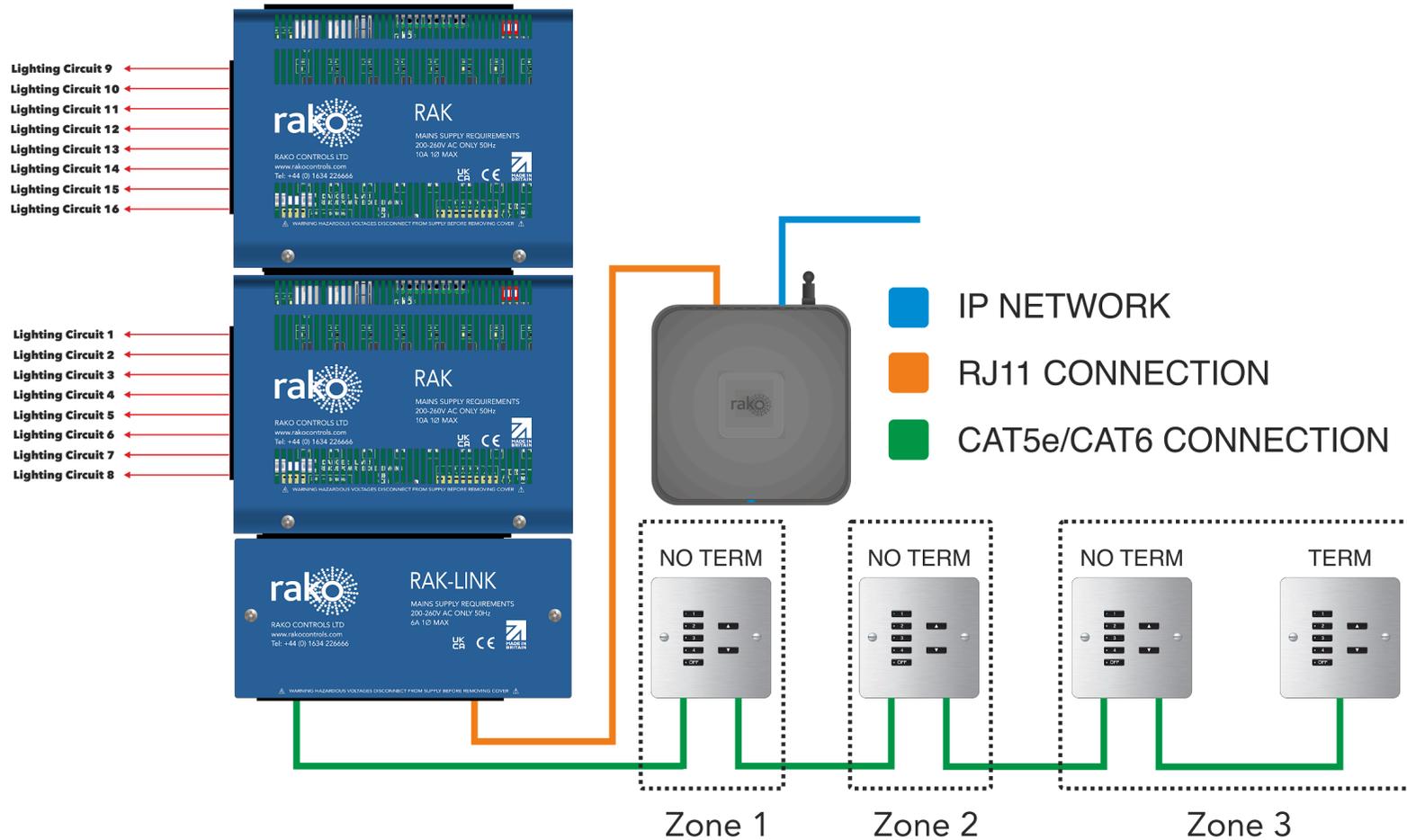
Section 1.....	3
CAT5/CAT6 Wired Systems.....	3
RAK Radial System.....	4
RAK-STAR System.....	5
DIN Radial System.....	6
DIN Star System.....	7
Partitioned RAK Network with RAK-STARs.....	8
Two Location RAK System.....	9
Multi-Location System with RAK-STARs.....	10
Multi-Location System with WANEX Partitions.....	11
Section 2.....	12
4 Core Wired Systems.....	12
4 Core Wiring - Two Locations.....	13
4 Core Wiring - Three Locations.....	14
4 Core Wiring - Four Locations.....	15
Referenced product literature.....	16

# Section 1

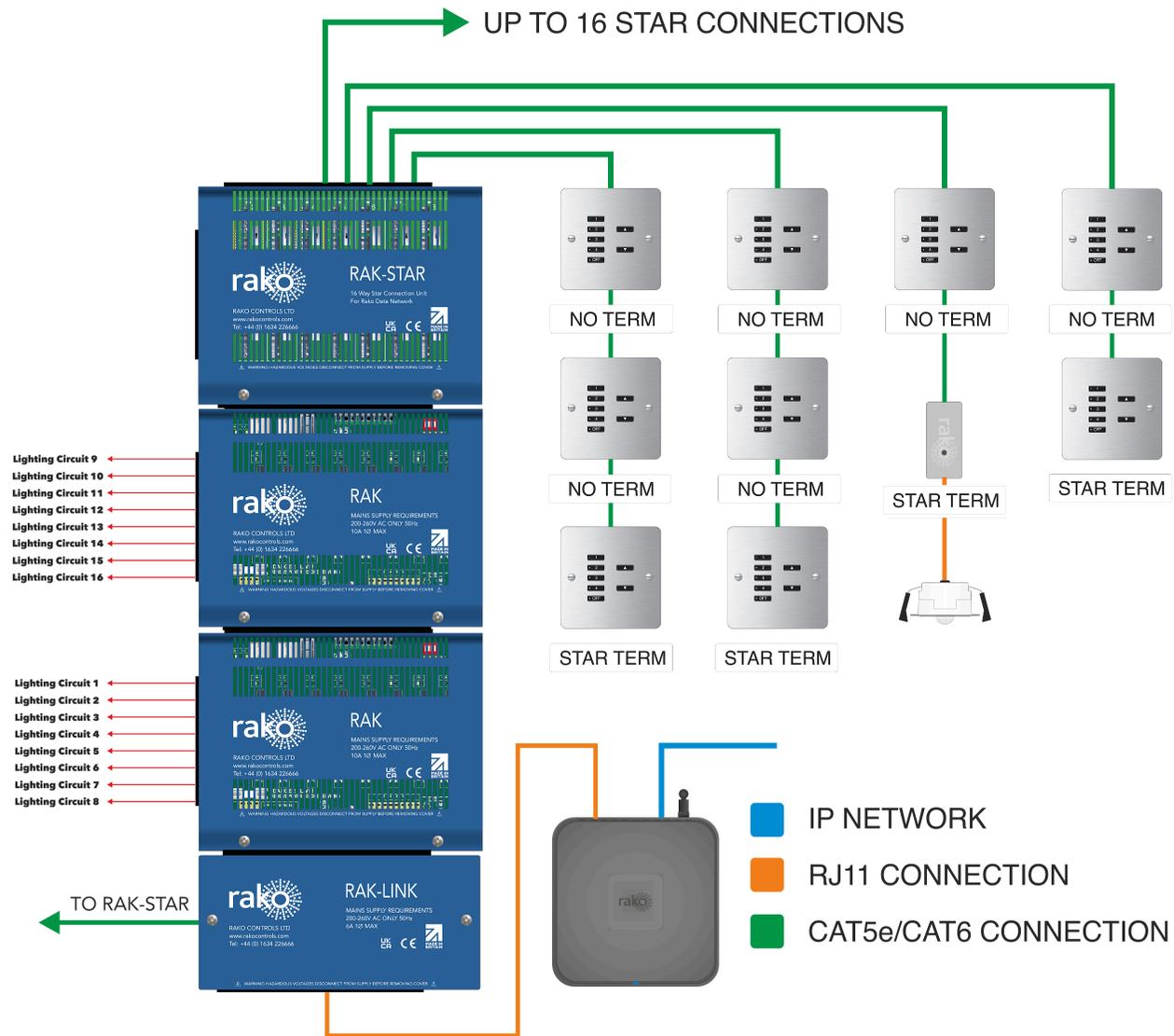
## CAT5/CAT6 Wired Systems

# RAK Radial System Example

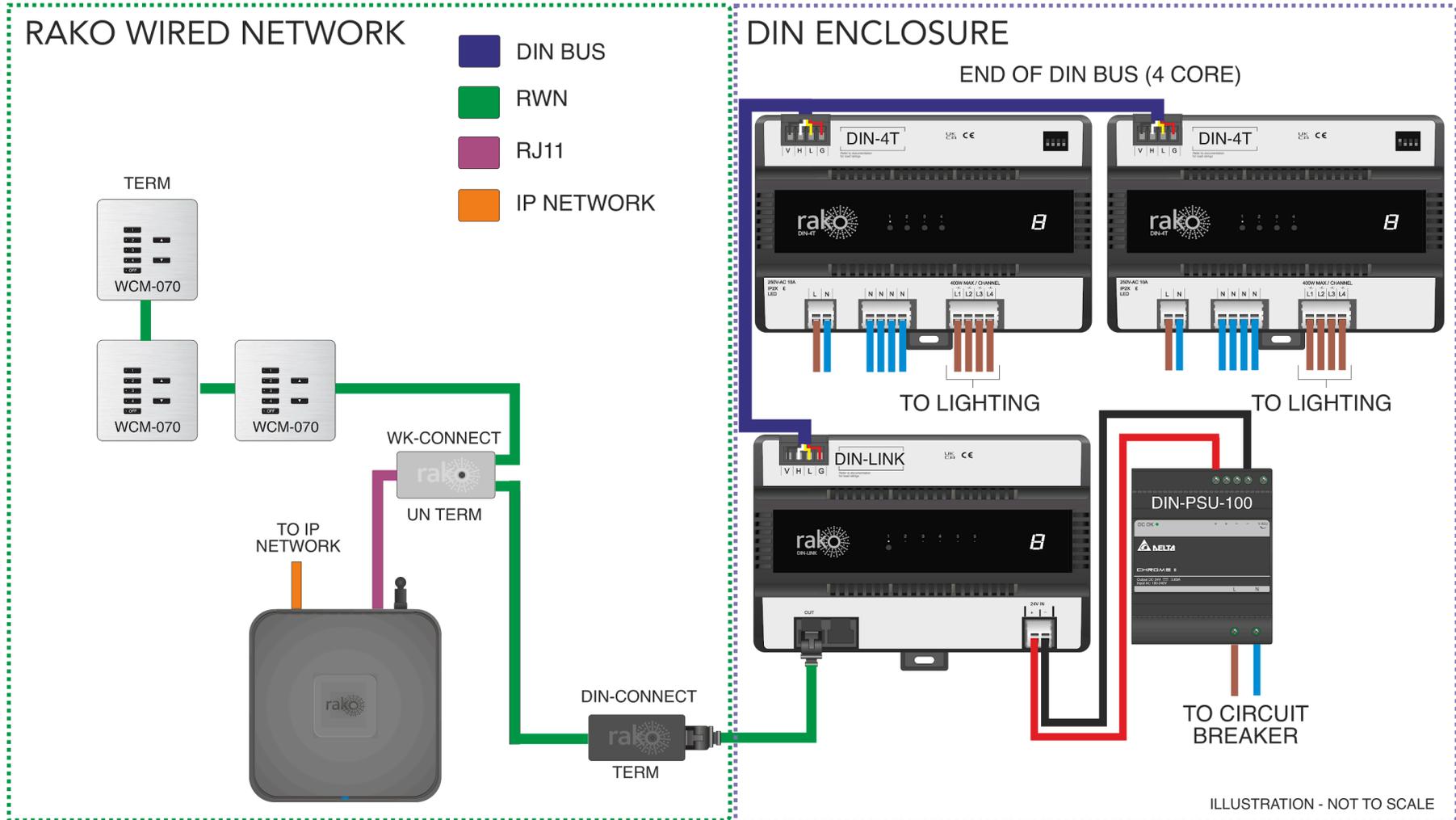
UP TO 32 CIRCUITS  
PER RAK-LINK



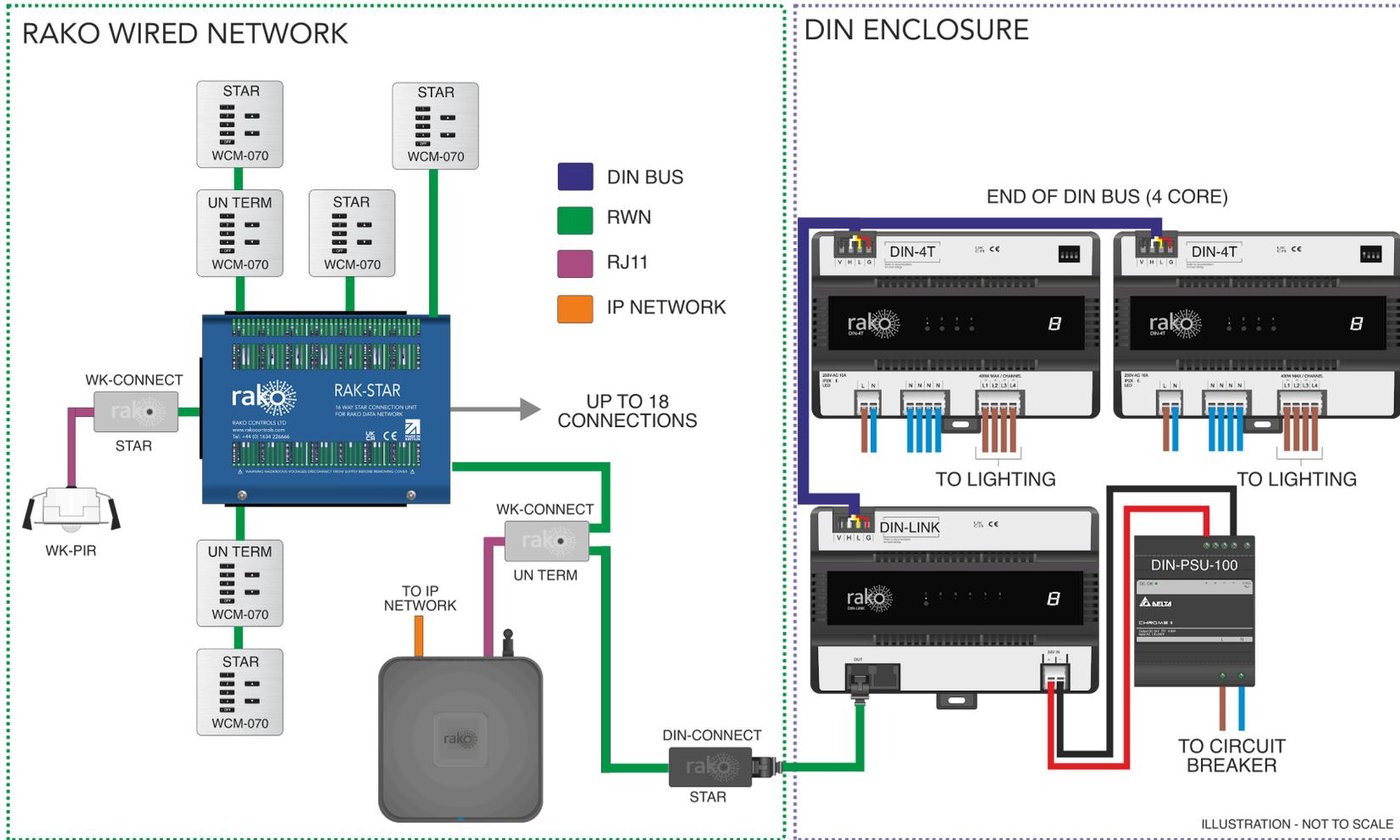
# RAK-STAR System Example



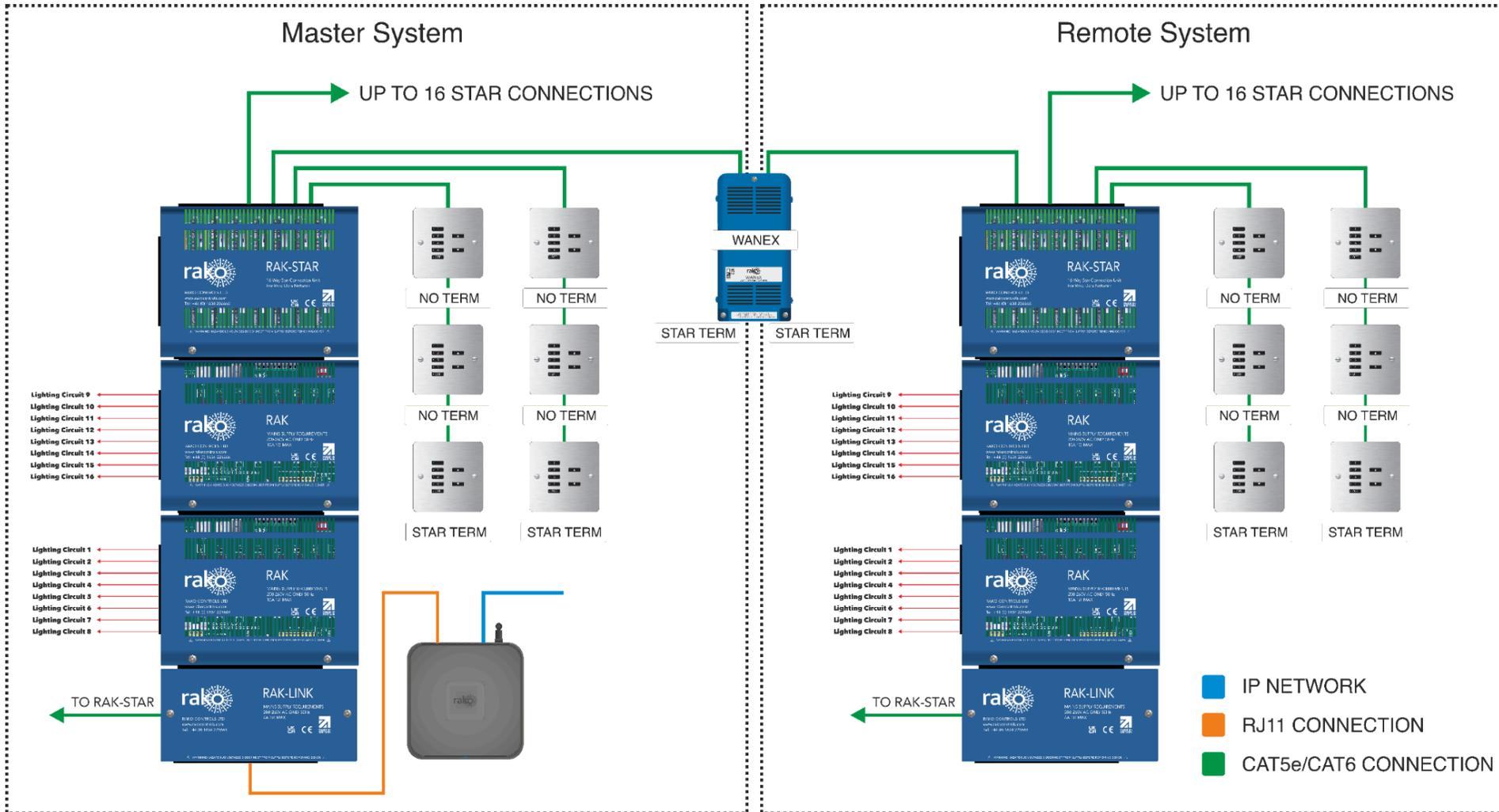
# DIN Radial System Example



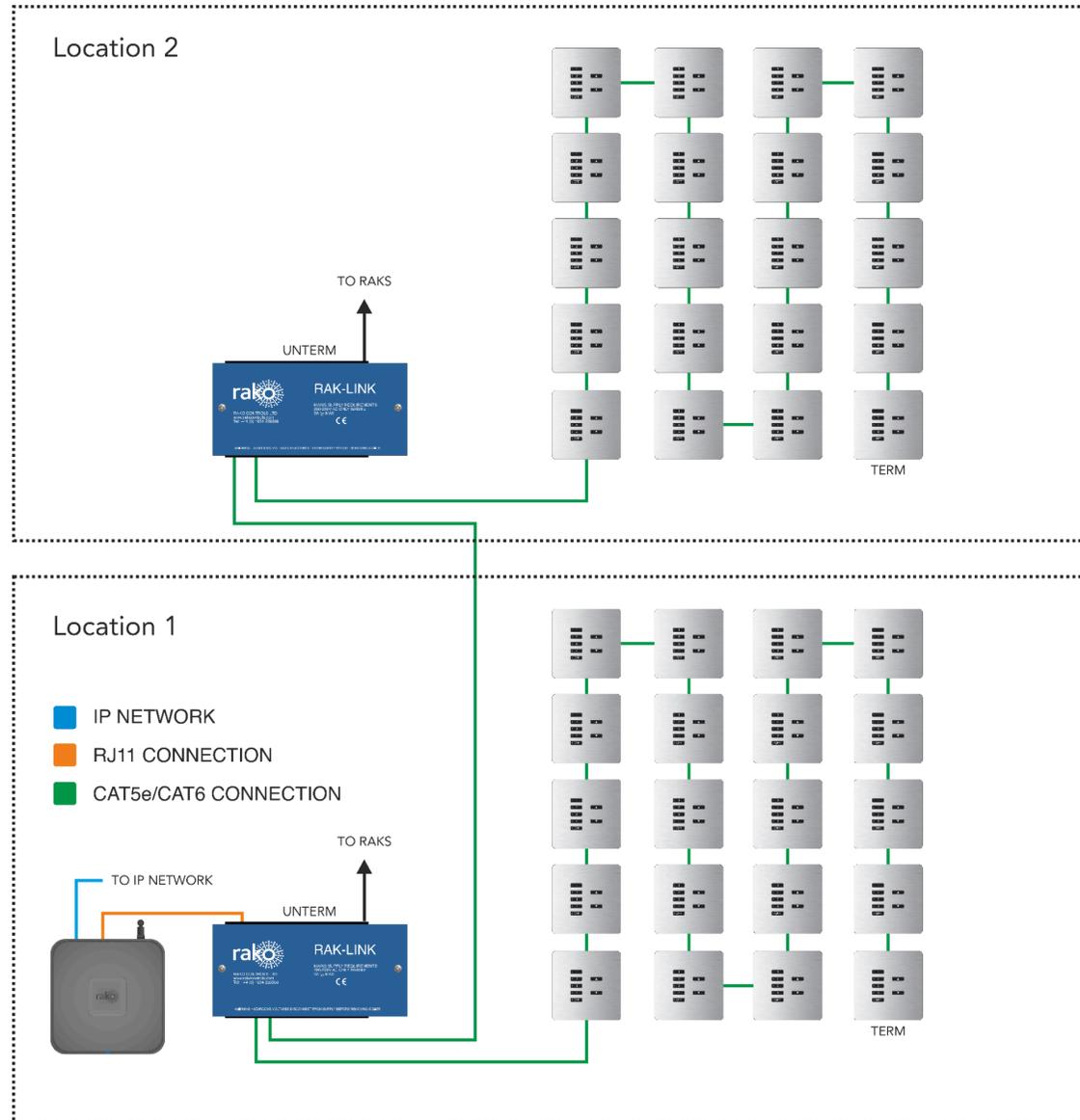
# DIN Star System Example



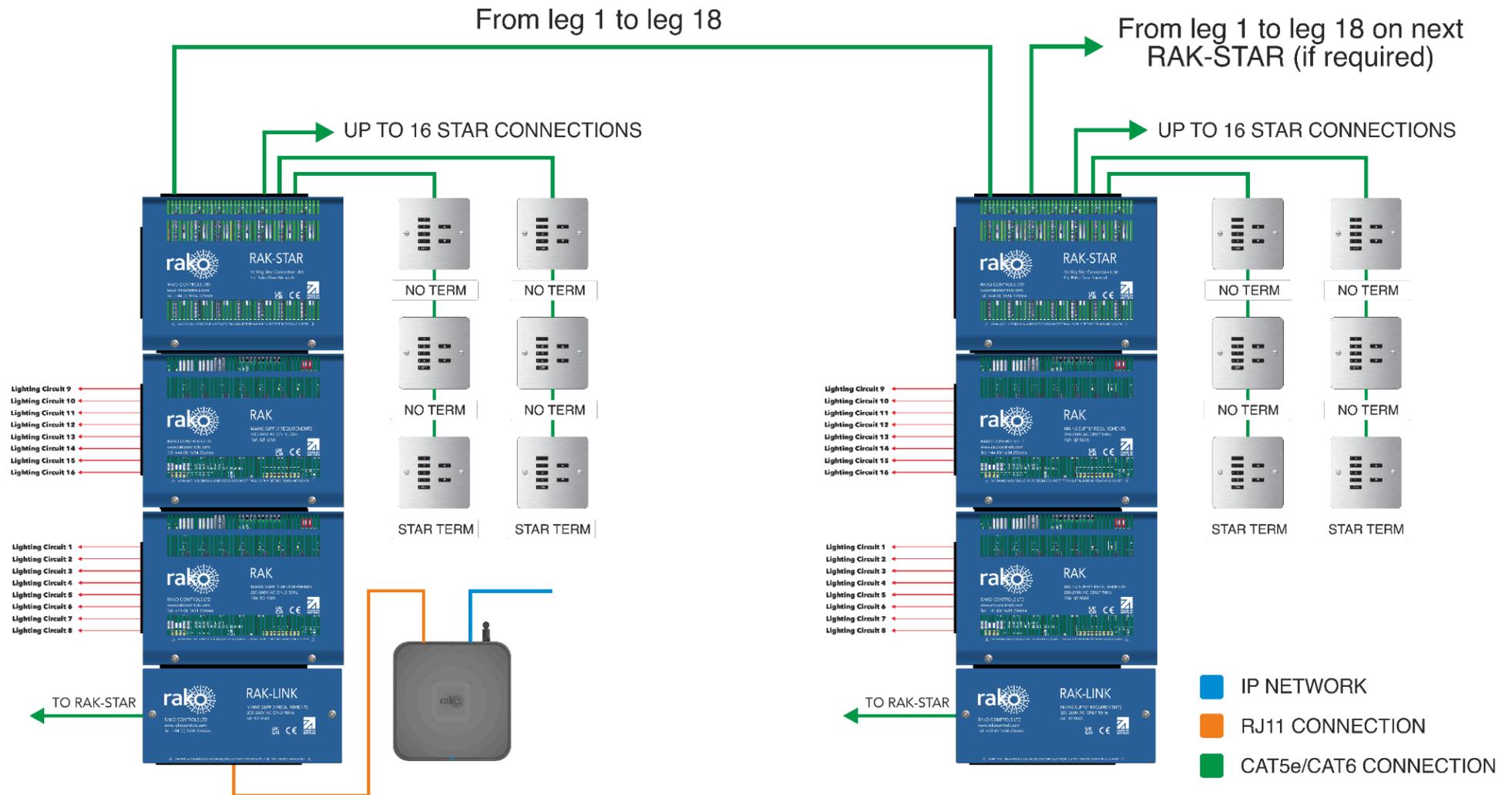
# Partitioned RAK Network with RAK-STARs Example



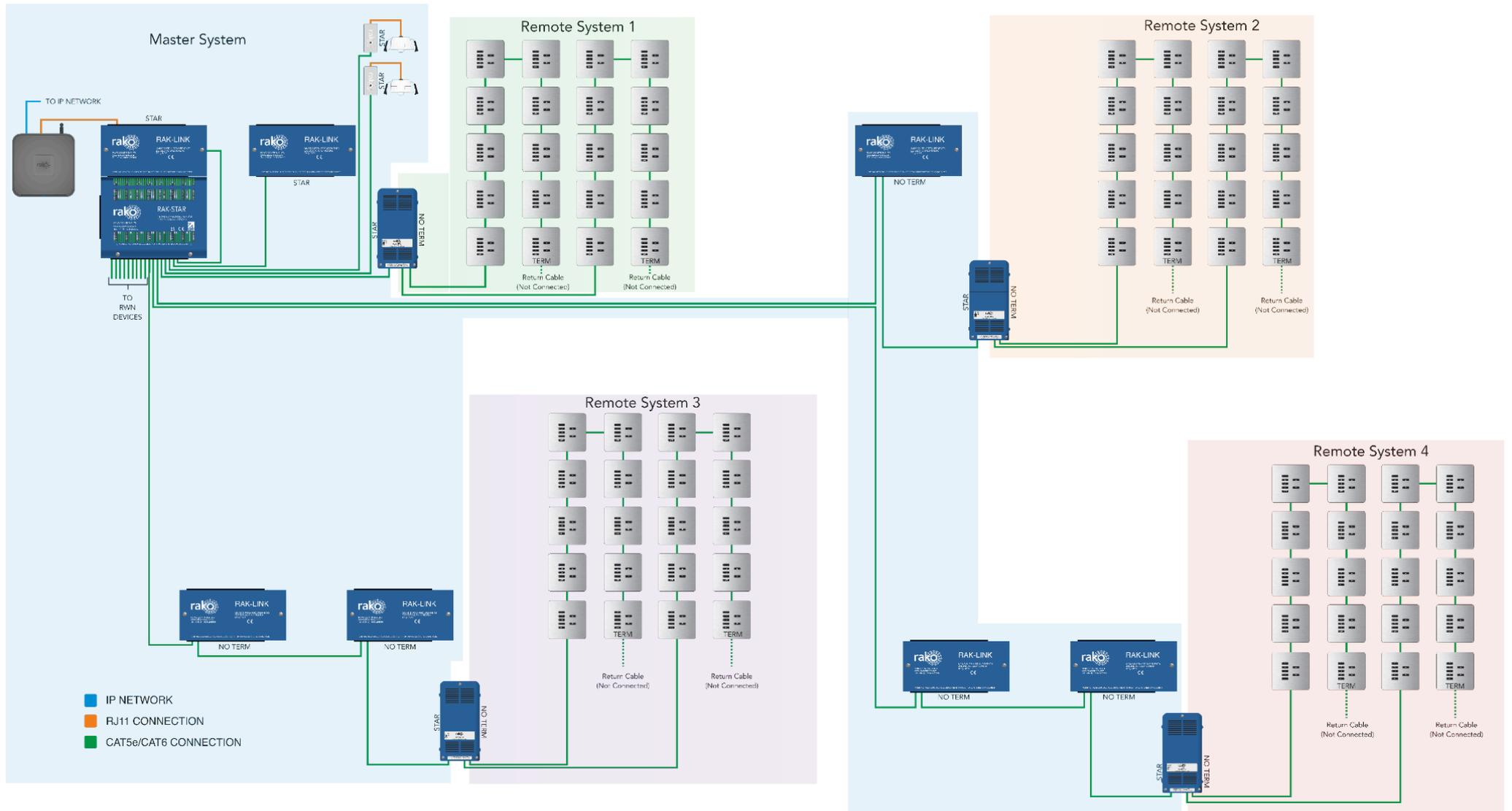
# Two Location RAK System Example



# Multi-Location System with RAK-STARs Example



# Multi-Location System with WANEX Partitions Example

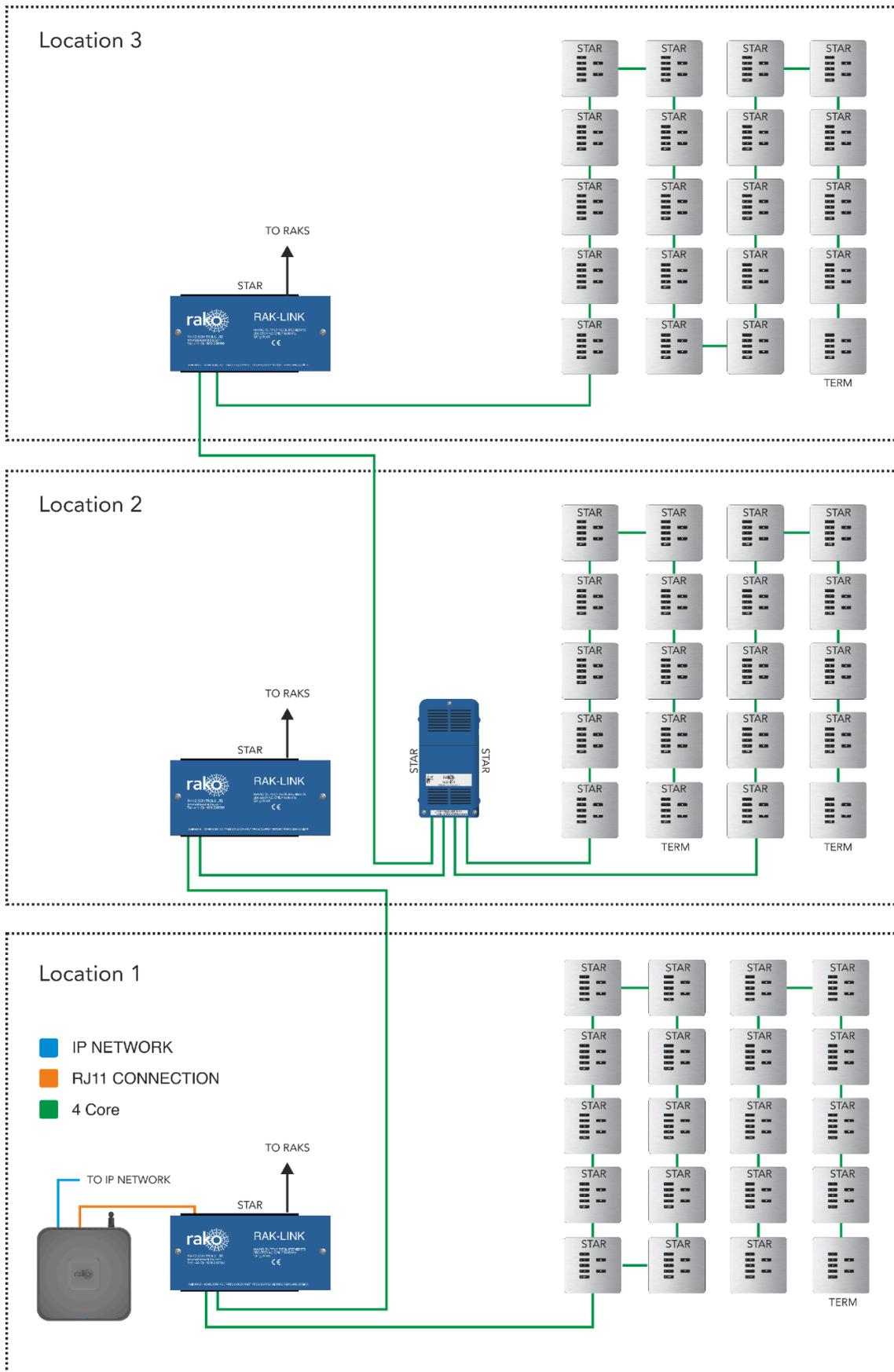


## Section 2

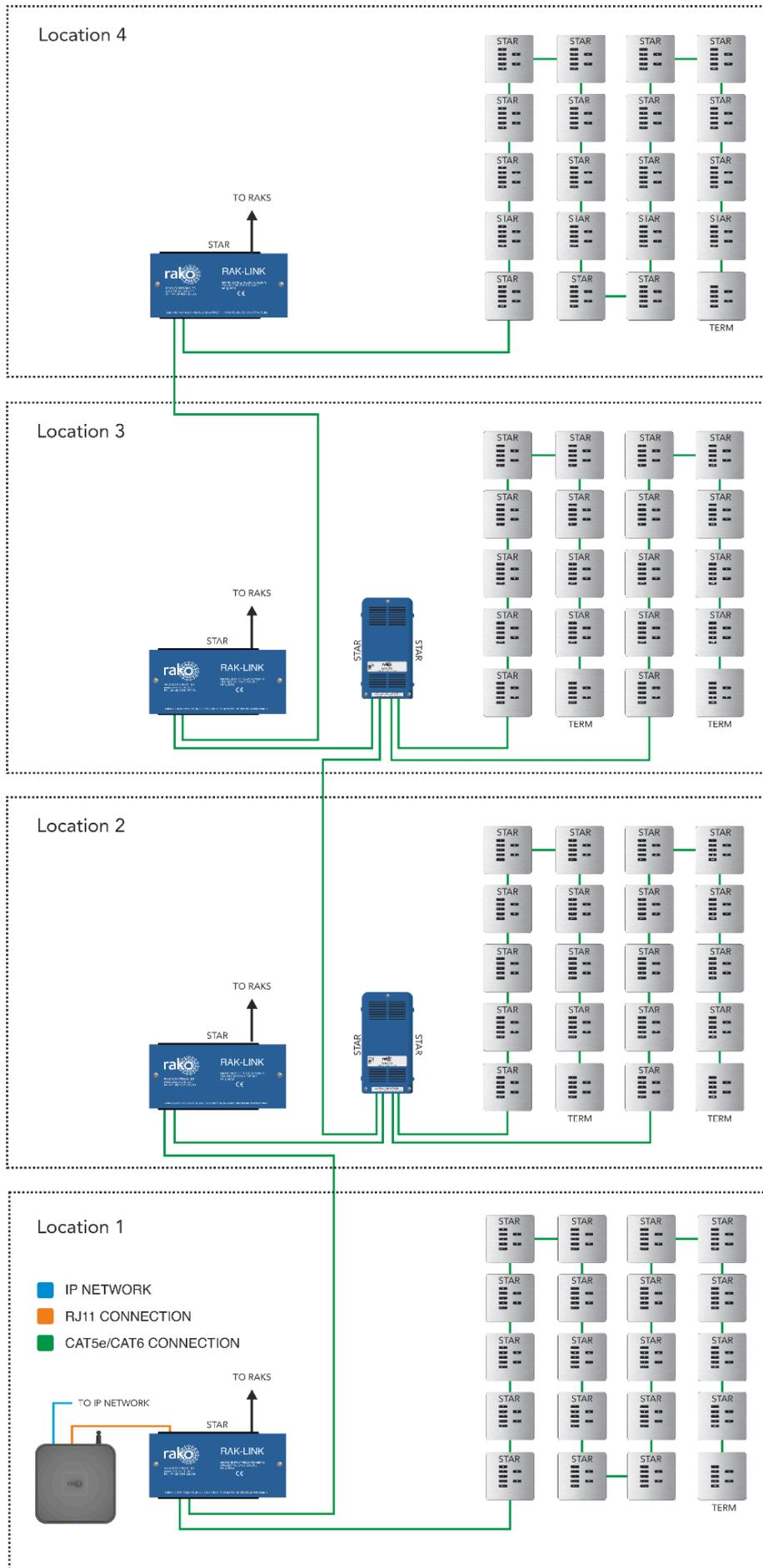
### 4 Core Wired Systems



# 4 Core Wiring - Three Locations Example



# 4 Core Wiring - Four Locations Example



## Referenced product literature

Product	Instruction Manual	Datasheet
DIN-LINK	<a href="#">DIN-LINK Instruction Manual</a>	<a href="#">DIN-LINK Datasheet</a>
DIN-4T	<a href="#">DIN-4T Instruction Manual</a>	<a href="#">DIN-4T Datasheet</a>
DIN-8S	<a href="#">DIN-8S Instruction Manual</a>	<a href="#">DIN-8S Datasheet</a>
DIN-4C	<a href="#">DIN-4C Instruction Manual</a>	<a href="#">DIN-4C Datasheet</a>
DIN-CONNECT	<a href="#">DIN-CONNECT Instruction Manual</a>	<a href="#">DIN-CONNECT Datasheet</a>
DIN-PSU-100	N/A	<a href="#">DIN-PSU-100 Datasheet</a>
RAK-STAR	<a href="#">RAK-STAR Instruction Manual</a>	<a href="#">RAK-STAR Datasheet</a>
RAK-LINK	<a href="#">RAK-LINK Instruction Manual</a>	<a href="#">RAK-LINK Datasheet</a>
WK-HUB	<a href="#">WK-HUB Instruction Manual</a>	<a href="#">WK-HUB Datasheet</a>
WK-CONNECT	<a href="#">WK-CONNECT Instruction Manual</a>	<a href="#">WK-CONNECT Datasheet</a>
WANEX	<a href="#">WANEX Instruction Manual</a>	<a href="#">WANEX Datasheet</a>
WCM	<a href="#">WCM Instruction Manual</a>	