

Cable routing plan

Product name: Katherm QE

Version number: 01



**Genau
mein
Klima.**

KAMPMANN

Information on cable laying:

The following information on cable types and cable routing must be observed in accordance with VDE 0100.

The installation, operation and maintenance of these devices must comply with the applicable national laws, standards, regulations and directives.

Without *: NYM-J. The required number of cores including protective conductor is indicated on the cable. Cross-sections are not specified, as the cable length is included in the calculation of the cross-section.

*) : Shielded cable, J-Y(ST)Y 0.8mm. Lay separately from power cables.

**) : Shielded, twisted-pair cable, e.g. UNITRONIC® BUS LD 2x2x0.22, UNITRONIC® BUS LD 3x2x0.22. Lay separately from power cables.

- If other cable types are used, they must be at least equivalent.

- The connection terminals on the device are suitable for a maximum wire cross-section of 2.5 mm².


- If residual current circuit-breakers are used, these must be at least mixed-frequency sensitive (type F). The specifications in DIN VDE 0100 Parts 400 and 500 must be observed when designing the rated residual current.

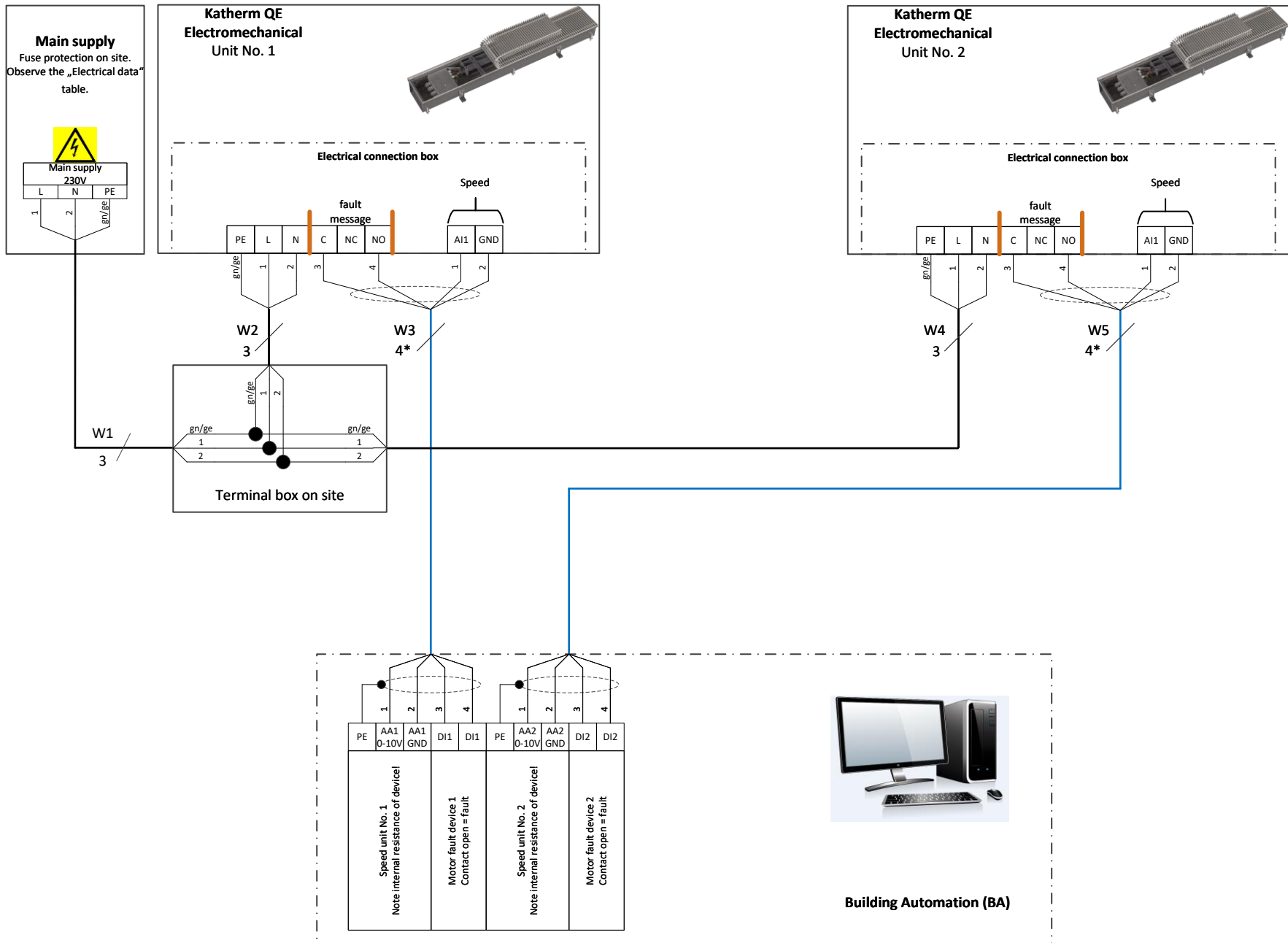
- The electrical data must be observed when designing the on-site mains supply and fuse protection.

- Cables for data or bus signals are shown with the shield connected at one end. Cables for analog signals are shown with the shield not connected. Due to structural or local conditions and depending on the type and level of interference, which may be caused by magnetic and/or electric fields in high and/or low frequency ranges, it may be necessary to connect the shield differently (connected at both ends or not connected). This must be checked on site and, if necessary, implemented differently from the specifications in the documentation!

Electromechanical:

- Cable length between room thermostat and temperature sensor or switching contact: maximum 50 m.

	Bearbeiter:	Projekt: Katherm QE	General Information	Blatt-Nr.:	
	Erstelldatum: 01.03.2024	Projekt-Nr.:		2 von 5	



Bearbeiter:

Erstelldatum: 01.03.2024

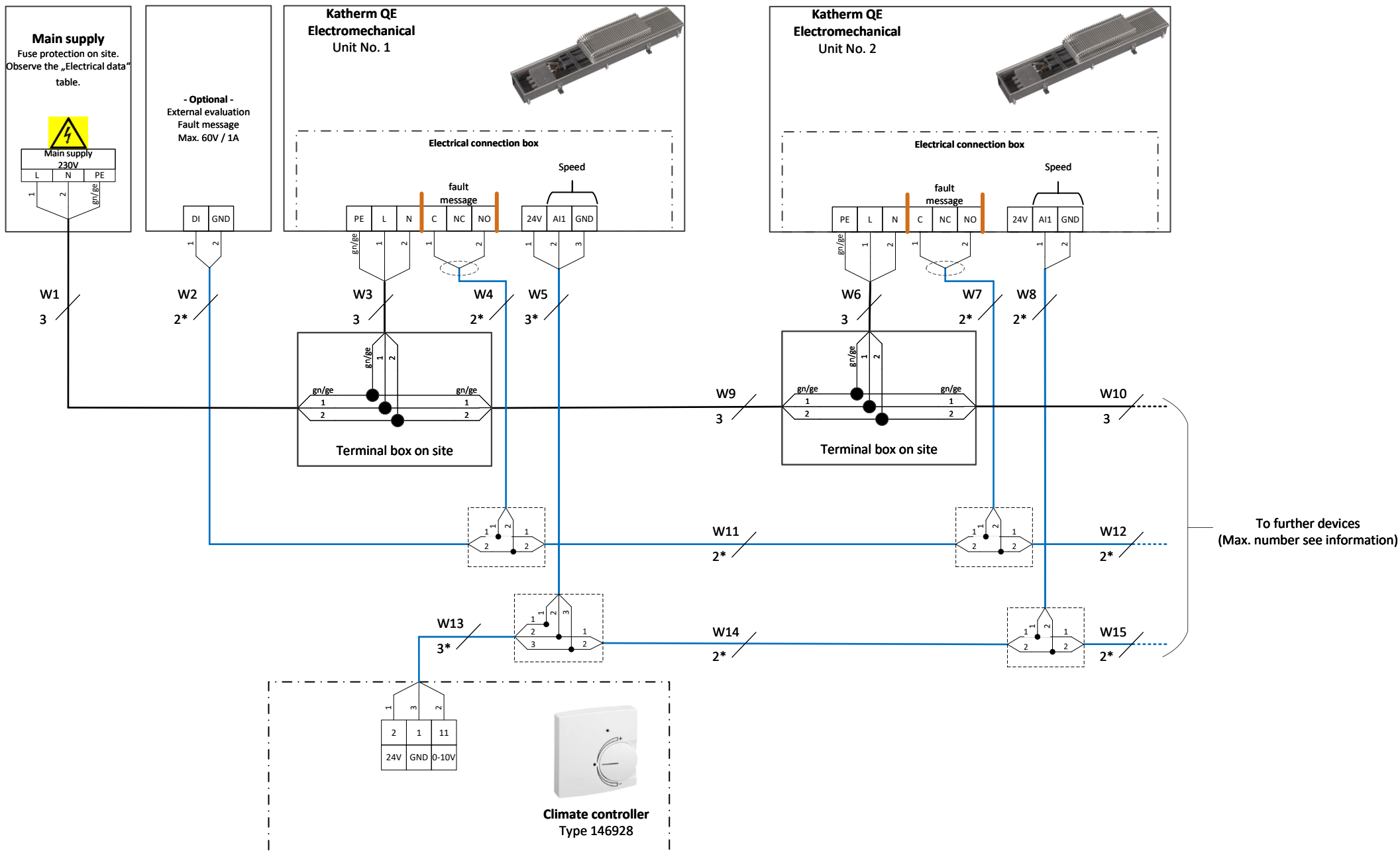
Projekt: Katherm QE

Projekt-Nr.:

Katherm QE,
Control 0-10V DC via GA

Blatt-Nr.:
3 von 5

KAMPMANN
Genau mein Klima.



Bearbeiter:

Erstelldatum: 01.03.2024

Projekt: Katherm QE

Projekt-Nr.:

Katherm QE,
Control via climate controller type 146928

Blatt-Nr.:

4 von 5

KAMPMAN
Genau mein Klima.



Kampmann GmbH & Co. KG
Friedrich-Ebert-Str. 128-130
49811 Lingen (Ems)

T +49 591 7108-0
E info@kampmann.de

kampmanngroup.com

