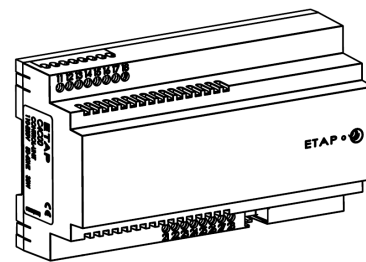




EXCELLUM2 CONTROLLER



ENGLISH

General instructions

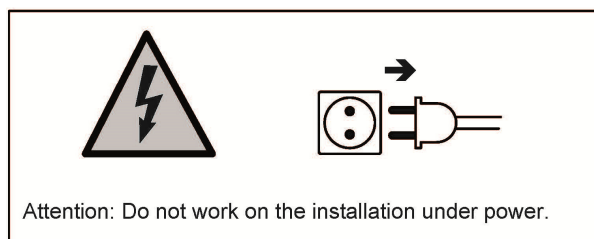
Excellum2 Controller unit must only be installed and put into operation by a qualified electrician. The applicable safety regulations and accident prevention regulations must be observed.

Safety instructions

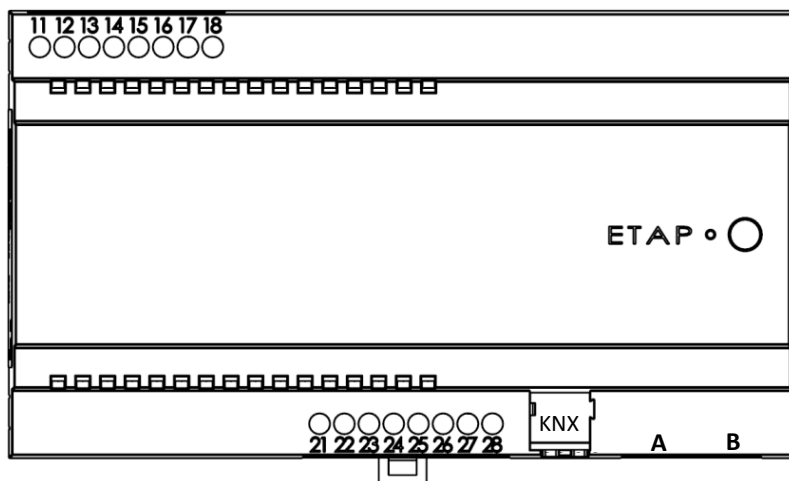
- Use B 10 A or B 16 A type unit as circuit breaker. The DALI interface is insulated by a basic insulation.
- Use wires that can handle power line voltages for the entire DALI wiring.
- Include DALI wiring, with a 5-core cable (e.g. NYM 5 x 1.5 mm²) if necessary, together with the mains voltage (L, N).
- Do not connect the DALI wiring with external voltage, especially not with 230 V mains voltage. Potential overvoltage is only checked once when the controller switched on.

CAUTION!

- Incorrect mounting can lead to destruction of the controller unit and other devices.
- The control unit should only be mounted in switch cabinets (DIN 43880).
- The DALI standard as per IEC 62386 must be complied with.
- Danger of electric shock.



Wiring



- 11-12: Mains voltage
- 13-14: Current Transformer (optional)
- 15-18: Auxiliary input
- 21-22: DA+/DA- line 4
- 23-24: DA+/DA- line 3
- 25-26: DA+/DA- line 2
- 27-28: DA+/DA- line 1
- KNX: KNX Connection
- A: Ethernet Slave
- B: Ethernet Master

(continues on next page)

Service information

Status LED	blinks green	when everything is ok, meaning controller runs with good configuration, no electrical connections errors under power up
	blinks orange	when a problem was detected on power up or configuration has problems
	blinks green/orange	when its doing a firmware upgrade
Button	press 5 sec	will switch lights off (even unaddressed DALI devices) a second long press switch lights on

Technical data

Operation voltage	100-240 V AC/ 50-60 Hz
Max. Power consumption with full DALI load	23 W
Working temperature	0 °C ... +40 °C
Leads diameter	0.5 ... 2.5 mm ² (fixed) 0.5 ... 1.5 mm ² (flexible) 
DALI power supply	4 x 200 mA (basically insulated)
Max. number of DALI devices (addressed)	4 x 64
Dimensions (L x W x H)	160 x 91 x 58 mm (9 HP)

Applicable standards

Safety	EN 60950
EMC emission	EN 55022
EMC resistance	IEC/EN 61000
DALI standard	IEC 62386



Conformity with applicable EU directives is confirmed by the CE symbol. Specifications subject to change without notice