



## E\*LDS UA 300 CS Case Controller



UA 300 CS

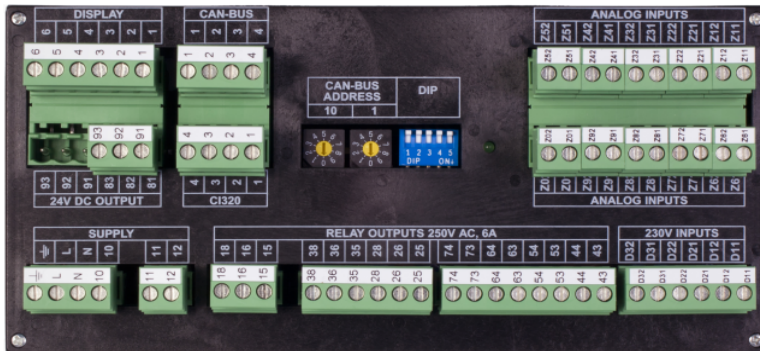
### Special functions and features

- Universal controller for normal-temperature display cases with or without defrost heater, service counters, low-temperature display cases, walk-in chillers and freezers
- Configurable controller behaviour
- Controls up to four case units in two temperature zones (optionally up to 8 case units or 5 refrigeration points)
- For discharge gas defrosting, demand defrosting, electric defrost heater and off-cycle defrosting
- Connection of up to 10 temperature sensors of differing types (K243 / L243, K277, 5K3A1)
- Optionally energy save function for anticondensation heater
- Versatile operation and display capabilities on separate BT 300 x Operator Interface, System Centre CI 4x00, AL 300 Operator Terminal, CI 3000 Store Computer, service laptop, operator computer in store or host computer at service centre
- Optionally CAN bus interface
- Integral continuous running limiter
- Integral defrost timer
- For use in DIN rail mounting and panel mounting
- Internal 230 V power supply

### Order number

LIUA3N0S52 Universal Case Controller UA 300 CS

# UA 300 CS Connection



## Specifications

### Electrical connection

- Operating Power:

230 V AC, 200 - 265 V AC / 50 - 60 Hz / 10 VA

### Interfaces

- Outputs

Relay:

Four NO / three make-and-break 250 V AC / 6 A potential free (EEV with 1 make-and-break / 2 solid state relays 250 V AC / 1A) floating output for cooling, defrosting, fan, pane heater, alarm, etc.

- Inputs

Transistor:

Two 24 V DC / max. 50 mA, for alarm, anticondensation heater

Digital:

Three 230 V AC floating output for setpoint toggle, manual shutoff, coldroom door, external defrost

Analog:

Ten temperature sensors (Type K243 / L243, K277, 5K3A1) for evaporator, supply air, return air and room air temperatures

- Field bus:

CAN-Bus

- Serial:

TTY inverted

- Operator interface:

Suitable connection to BT 300 Family

- Monitoring function:

Watchdog

Eckelmann Group – Source of inspiration

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 Technical modifications and errors reserved