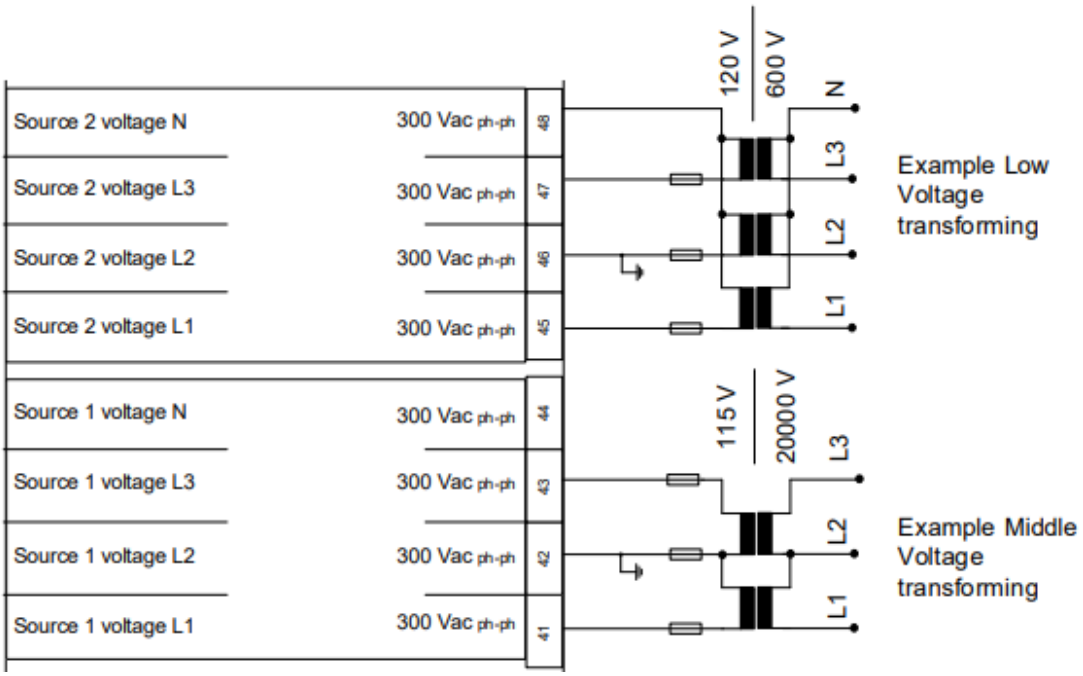
AC Voltage Sensing inputs DTSC-200A /easYgen-100/1000 controls

Clemens - 2025-09-04 - easYgen-800

People installing DTSC-200A , easYgen-400, -600, -800, - 1400, -1600 , - 1700 & -1800 controls in an 400, 440, 480 VAC voltage application are sometimes confused , if they are seeing this pic in instruction manual :



To be compliant to UL6200 standard, we have to limit Line to Line voltages to **maximum 300VAC**.

Used voltage sensing connectors have UL up to 300V Line to Line (E-60425-19931013).

If you built a control panel which is not according to UL6200 you can go up to 480VAC Line to Line as described in manuals.

Technical Data:

Measuring values, voltages ---------- ⅄/Δ

- Measuring voltages

Rated value (V_{rated})..... 277/480 Vac
Maximum value (V_{max})..... max. 358/620 Vac
Maximum value (V_{max})according to UL6200
..... max. 173/300 Vac