ORV2 Busbar Spec Update Proposal
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• **Problem**
  • Highlight design constraints with power shelf and busbar connection (outside of 3OU shelves).

• **Suggestion**
  • Rittal’s proposal to alleviate the constraints.

• **Solution**
  • Openly discuss ORV2 specification update.
Problem

Section 2.5 is written around the use of a 3OU power shelf. Other configurations using 1OU power shelves require the power leads to have a dog leg design taking up space.
Review of Current ORV2.1 Specification
Misalignment Example

1OU power shelf shown
Suggestion

Update section 2.5.1.2 by adding additional bolt patterns options.
Discussion Recap

• Problem
  • Section 2.5 is written around the use of a 3OU power shelf. Other configurations using 1OU power shelves require the power leads to have a dog leg design taking up space.

• Suggestion
  • Update section 2.5.1.2 with optional bolt patterns.

• Solution
  • Add additional bolt patterns like a 25 x 25 pattern at 19 +/-1 from datum C in addition to the current 29 +/-1.
Thank you.