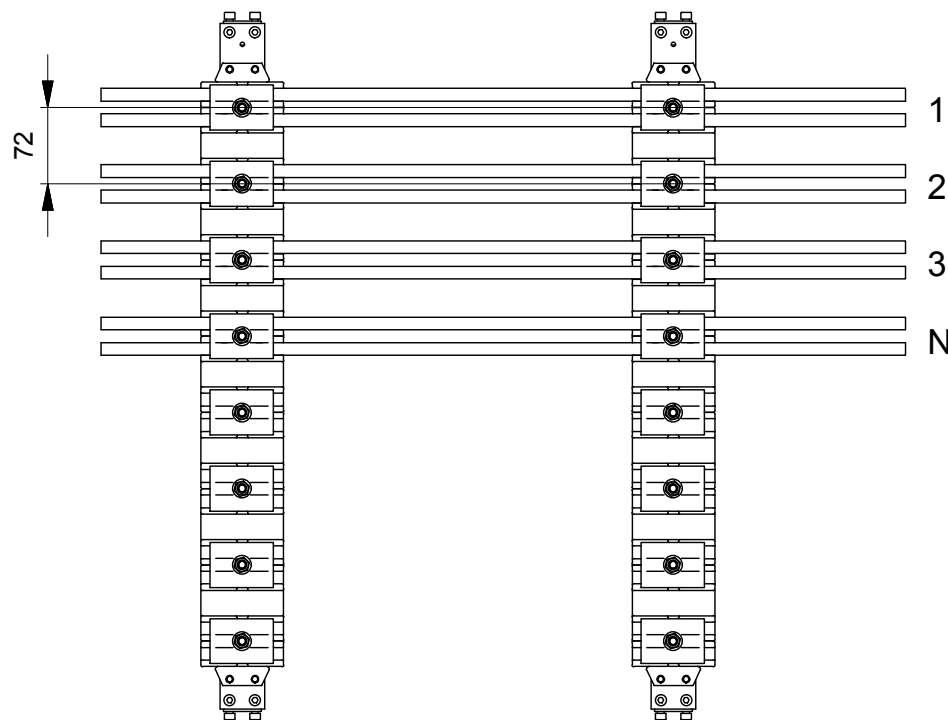


Case 1



Question 1:

Case 1 is tested to short circuit between phase 1 and phase 2 to 50 KA 1 sec.

Case 2 has not been tested, but what short-circuit level, would you in theory be able to withstand, given case 1?

Question 2:

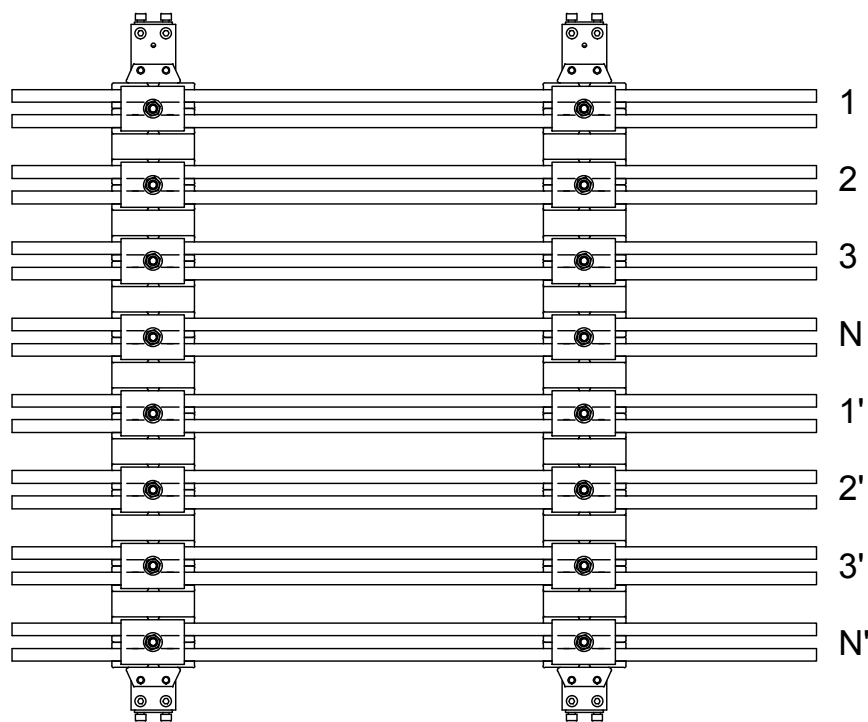
Case 1 is tested to short circuit between phase 1 and phase 2 to 50 KA 1 sec. with the $a=12\text{mm}$ and $b=42\text{mm}$

Can we calculate the peak magnitude of the forces induced to the bus bar in this case?

Question 3:

What is the correlation between the short circuit peak force and the copper cross section area, at a given short-circuit level?

Case 2



Notes

General Tolerances

| Basic Size | Tol. \pm | Basic Size | Tol. \pm |
|------------|------------|---------------|------------|
| (1) - 6 | 0.1 | (120) - 315 | 0.5 |
| (6) - 30 | 0.2 | (315) - 1000 | 0.8 |
| (30) - 120 | 0.3 | (1000) - 2000 | 1.2 |

Volume Tool No. 0

Weight Surface Area

Surface Treatment

Material

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Customer

Customer Dept.

Customer Drawing No.

Project

Description

Type Module X=0 Y=0 Z=0

Approved By Approved Date

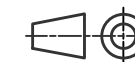
Drawn By JHL Date

Scale Sheet 1 of 1 Size A3

File Path M:\Produkt\DTU\3D\Kursus-oplæg_01.idw

Plot Date

Status



Drawing No.
Kursus-oplæg_01

Revision

0