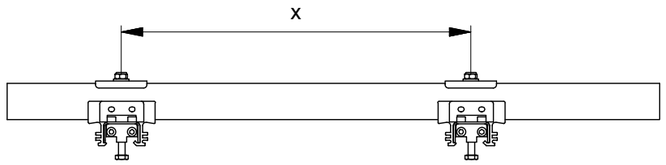
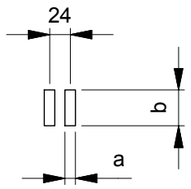
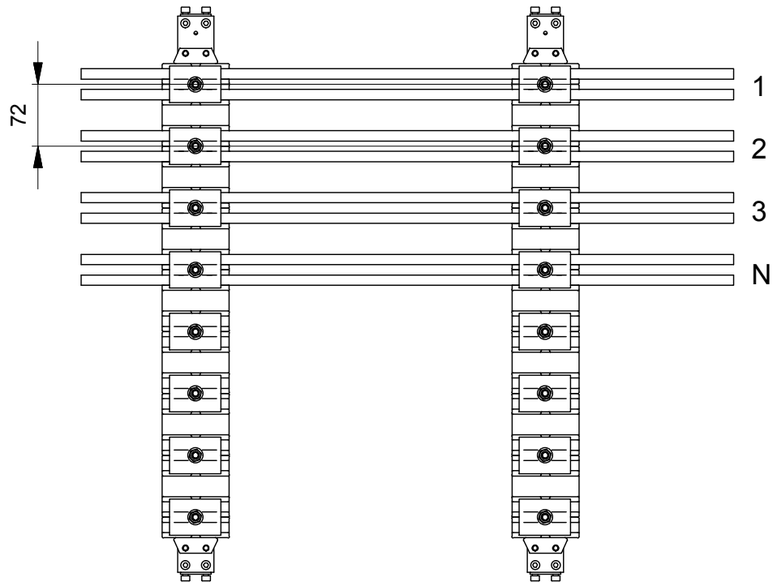




Case 1



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:

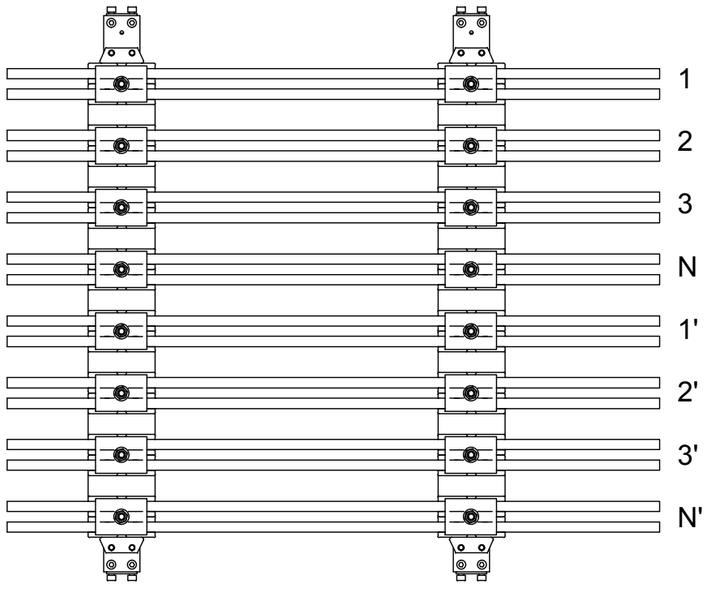
Case 1 is tested to short circuit between phase 1 and phase 2 to 50 KA 1 sec. with the a=12mm and b=42mm

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. ±	Basic Size	Tol. ±
(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