chanhvinh.com

(DK) Cu-flex skinner
(S) Cu-flex skenor
(GB) Cu-flex busbar
(D) Cu-flex Schienen
(F) Cu-flex, Cuivre souple

Date: 01 DEC 21

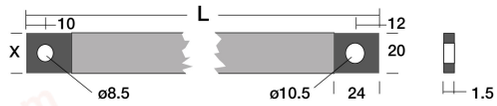
P 1904

Index

Cu-flextype + length = type No.:	Power loss [W] @ Rated current at 30 °C													
Length in mm »»»»	**160**	**224**	**288**	**352**	**416**	**480**	**544**	**608**	**672**	**736**	**800**	**864**	**928**	**1120**
1 x FB25	5,0	7,0	9,1	11,1	13,1	15,1	17,1	19,1	21,1	23,1	25,2	27,2	29,2	35,2
1 x FB50	6,4	9,0	11,6	14,2	16,7	19,3	21,9	24,5	27,0	29,6	32,2	34,8	37,3	45,1
1 x FB100	6,5	9,1	11,7	14,4	17,0	19,6	22,2	24,8	27,4	30,0	32,6	35,2	37,8	45,7
2 x FB100	7,7	10,8	13,8	16,9	20,0	23,1	26,2	29,2	32,3	35,4	38,5	41,5	44,6	53,8
1 x FB240 / FB243	6,9	9,6	12,4	15,1	17,9	20,6	23,4	26,1	28,9	31,6	34,4	37,1	39,9	48,2
2 x FB240 / FB243	7,8	10,9	14,1	17,2	20,3	23,4	26,6	29,7	32,8	35,9	39,1	42,2	45,3	54,7

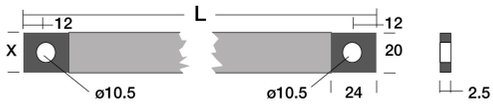
Cu-flex dimensions

FB25



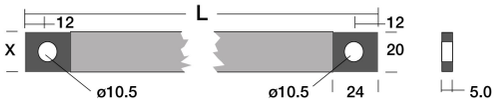
X: Cu-flex measured with isolation = 27

FB50



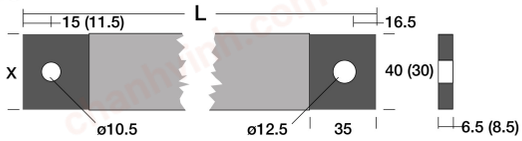
X: Cu-flex measured with isolation = 29

FB100



X: Cu-flex measured with isolation = 33

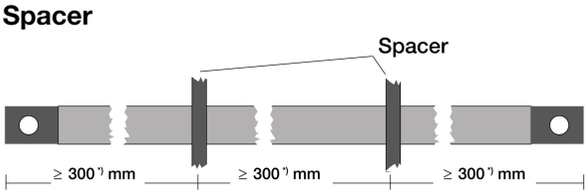
FB240 / 243



( ) = FB243 dimensions X: Cu-flex measured with isolation = 49 (40)

Mounting principles

Spacer



Due to the dynamic short-circuit influences, spacers must be fitted as stated. The distance between the spacers is max. 300 *) mm.

Busbar connections at I > 630 A

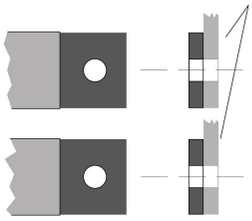


Fig. 1

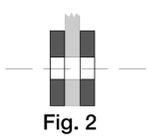
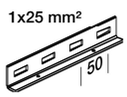
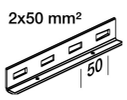
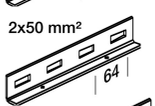
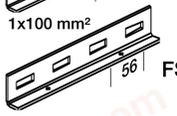


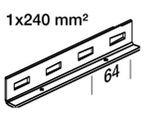
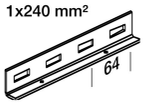
Fig. 2

To ensure correct contact pressure, parallel busbars must be fitted, either by means of one bolt per busbar, fig. 1, or one on each side of the connecting terminal, fig. 2.

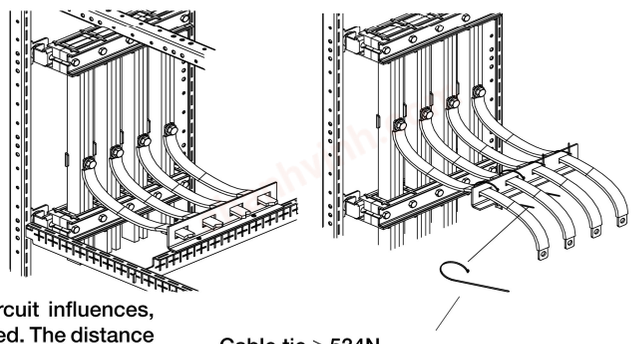
*) When Cu-flex is used according to UL standards, connection busbar to busbar, the distance is reduced to 200 mm.

Spacer

	Type No.
 1x25 mm²	FS2550
 2x50 mm²	FS5050
 2x50 mm²	FS5064
 1x100 mm²	FS10056

	Type No.
 1x240 mm²	FS24064
 1x240 mm²	FS24364

Mounting examples



Due to the dynamic short-circuit influences, spacers must be fitted as stated. The distance between the spacers is max. 300 mm.

Cable tie ≥ 534N.

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