chanhvinh.com

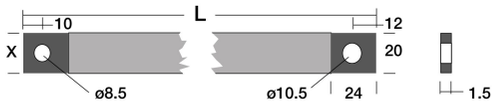
(DK) Cu-flex skinner
(S) Cu-flex skenor
(GB) Cu-flex busbar
(D) Cu-flex Schienen
(F) Cu-flex, Cuivre souple

Date: 01 DEC 21

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

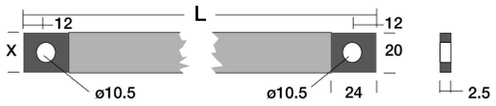
Cu-flex dimensions

FB25



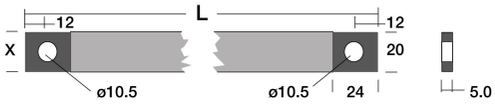
X: Cu-flex measured with isolation = 27

FB50



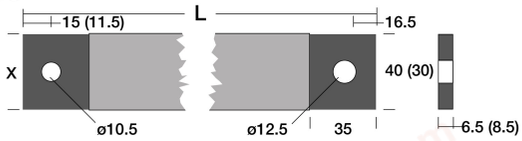
X: Cu-flex measured with isolation = 29

FB100



X: Cu-flex measured with isolation = 33

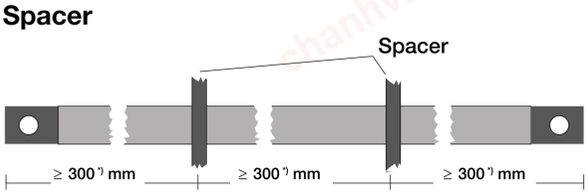
FB240 / 243



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

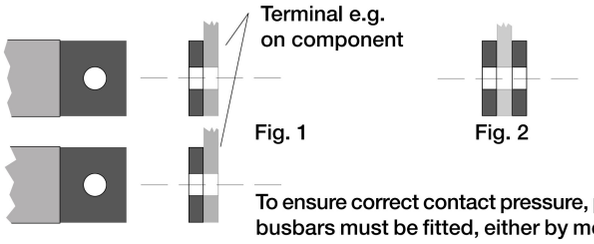
Mounting principles

Spacer



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

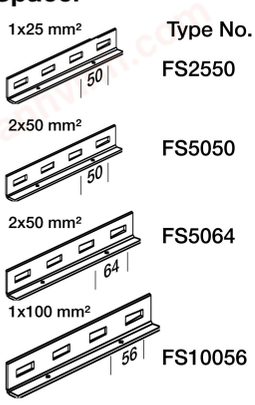
Busbar connections at I > 630 A



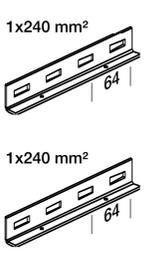
To ensure correct contact pressure, parallel busbars must be fitted, either by means of one bolt per busbar, fig. 1, or one on each side of the connecting terminal, fig. 2.

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

Spacer

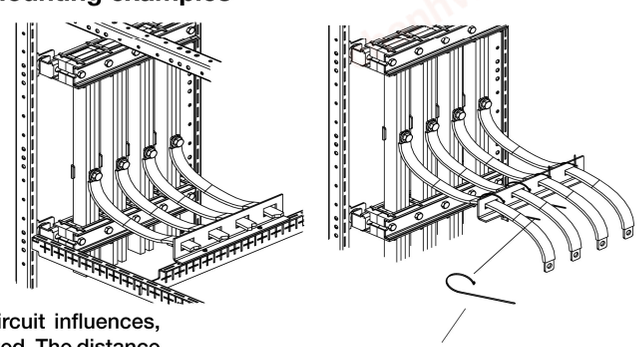


Type No.
FS2550
FS5050
FS5064
FS10056



Type No.
FS24064
Type No.
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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