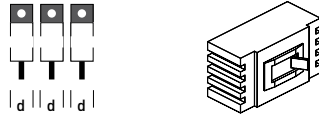
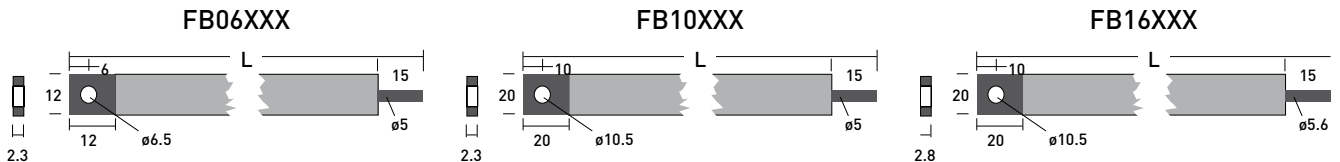


Mini-flex 6 - 10 - 16 m²

Mini-flex characteristics					
Type No.	FB06	FB10	FB16	FB16	Insulation, characteristics Rated voltage, (IEC) = 1000 V Test voltage, (IEC) = 3500 V Operating temperature Max. 90°C Flammability: UL94V1, flame retardant Colour: Black Dioxine: None, Halogene: None Rated operational voltage, U _e (IEC) = 1000 V Rated frequency = 45-62 Hz ¹⁾ At a prospective short-circuit current, the short-circuit protection devices must limit the peak to 11 kA. Insulation class: Reinforced insulation for busbar to electrical component and between electrical components
Number of busbars	One	One	One	Two	
Connection: Busbar to electrical component Air temp. around Mini-flex 					
55 °C	37 A	43 A	66 A	118 A	
50 °C	40 A	50 A	74 A	130 A	
45 °C	42 A	58 A	82 A	143 A	
40 °C	45 A	65 A	90 A	155 A	
Short-circuit withstand strength, (IEC)					
Cut off current ¹⁾ Limited peak ¹⁾	11 kA	11 kA	11 kA	11 kA	
Joule integrale, I ² t [A ² s]	1.1x10 ⁷	3.1x10 ⁷	7.9x10 ⁷	3.2x10 ⁷	
The mounting instructions and data informed by the manufacturers of circuit breakers and switches must always be observed. To observe the maximum temperature on the connection terminals, the above values are in force. The rated current of the components is normally stated for 40°C.					



Length mm	FB06XXX = 6mm ²			FB10XXX = 10mm ²			FB16XXX = 16mm ²			2xFB16XXX = 2x16mm ²		
	Pcs	Type No.:	P _{loss} ¹⁾ W	Pcs	Type No.:	P _{loss} ¹⁾ W	Pcs	Type No.:	P _{loss} ¹⁾ W	Pcs	Type No.:	P _{loss} ¹⁾²⁾ W
160	1	FB06160	1.2	1	FB10160	1.4	1	FB16160	1.8	2	FB16160	2.5
224	1	FB06224	1.6	1	FB10224	2.0	1	FB16224	2.5	2	FB16224	3.5
288	1	FB06288	2.1	1	FB10288	2.5	1	FB16288	3.2	2	FB16288	4.4
352	1	FB06352	2.6	1	FB10352	3.1	1	FB16352	3.9	2	FB16352	5.4
416	1	FB06416	3.0	1	FB10416	3.7	1	FB16416	4.6	2	FB16416	6.4
480	1	FB06480	3.5	1	FB10480	4.2	1	FB16480	5.3	2	FB16480	7.4
544	1	FB06544	4.0	1	FB10544	4.8	1	FB16544	6.0	2	FB16544	8.4
608	1	FB06608	4.4	1	FB10608	5.3	1	FB16608	6.8	2	FB16608	9.4
672	1	FB06672	4.9	1	FB10672	5.9	1	FB16672	7.5	2	FB16672	10.4
736	1	FB06736	5.4	1	FB10736	6.5	1	FB16736	8.2	2	FB16736	11.4
800	1	FB06800	5.9	1	FB10800	7.0	1	FB16800	8.9	2	FB16800	12.4
864	1	FB06864	6.3	1	FB10864	7.6	1	FB16864	9.6	2	FB16864	13.3
928	1	FB06928	6.8	1	FB10928	8.2	1	FB16928	10.3	2	FB16928	14.3

¹⁾ Power loss - Air temperature around the Mini-flex is 40°C

²⁾ Power loss at rated current, busbar to electrical component. By use of two or more Cu-flex, the total power loss is stated.