

## RBK 00 pro (160 A, 690 V)

Table 82. Technical data

Parameter		RBK 00 pro		
Rated thermal current $I_{th}^{1)}$	A	160		
Rated voltage $U_n$	V	690		
Utilization category	-	AC-23B	DC-22B	DC-21B
Rated switching current $I_o$	A	160	160	160
Rated switching voltage $U_o$	V	690	250	440
Rated short circuit making current	690 V	kA	80	25/250V
	500 V		-	
	400 V		100	
Rated short circuit withstand current	690 V	kA	80	25/250V
	500 V		-	
	400 V		100	
Rated insulation voltage $U_i$	V	1000		
Rated impulse withstand voltage $U_{imp}$	kV	8		
Rated frequency	Hz	50-60	-	
Mechanical durability	Number of cycles	1600		
Electrical durability	Number of cycles	200		
IP degree of protection	IP	20		
Weight	kg	~0,7		
Size of fuse links	-	00		

<sup>1)</sup>  $I_{th}$  - thermal current of fuse switch disconnecter without external enclosure, installed outdoors  
(In case of the installation of fuse switch disconnectors in enclosures then load factor should be considered)



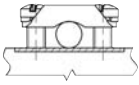
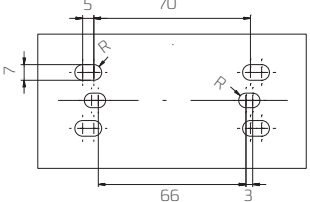
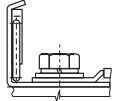
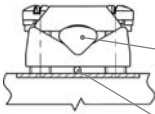



RBK 00 pro

RBK 000 pro, RBP 000 pro-S

Table 83. Versions

RBK 00 pro/160 A		Cable terminal	Article No.
<b>For installation on mounting plate</b>			
RBK 00 pro	for connection of round conductors	S-bridge clamps	63-823256-111
RBK 00 pro-M	for connection of conductors with lug terminals	M8 screws	63-823256-121
RBK 00 pro-V	for connection of sector-shaped conductors	V-shape clamps	63-823256-131
RBK 00 pro-W	for connection of round conductors lengthened terminal shrouds	S-bridge clamps	63-823256-141
RBK 00 pro-M-W	for connection of conductors with lug terminals, lengthened terminal shrouds	M8 screws	63-823256-151
RBK 00 pro-V-W	for connection of sector-shaped conductors, lengthened terminal shrouds	V-shape clamps	63-823256-161
<b>for mounting on double DIN rail</b>			
RBK 00 pro-E-125mm	double DIN rail with spacing of 125 mm	S-bridge clamps/ M8 screws/ V-shape clamps	On request*
RBK 00 pro-E-150mm	double DIN rail with spacing of 150 mm	S-bridge clamps/ M8 screws/ V-shape clamps	On request*

Table 84. RBK 00 pro terminal clamps

Description	Clamp	Drawing of clamp	Cross-section of conductors	Cu bar	Tightening torque	Dimensions and spacing of holes for installation of RBK 00 pro on mounting plate
RBK 00 pro	S-bridge clamp 2 x M5 x 16		Cu/Al conductor 4÷50 mm <sup>2</sup>	maximum bar width 20 mm	3 Nm*	
	M8 x 16 screw		conductor with lug terminal up to 70 mm <sup>2</sup>		10 Nm*	
	V-shape clamp 2 x M5 x 20		2)  4 mm <sup>2</sup> - 70 mm <sup>2</sup>  4 mm <sup>2</sup> - 95 mm <sup>2</sup> 1)  1,5 mm <sup>2</sup> - 2,5 mm <sup>2</sup>		3 Nm*	

For stranded conductors using cable ferrules is recommended

\*using of tension wrench is recommended

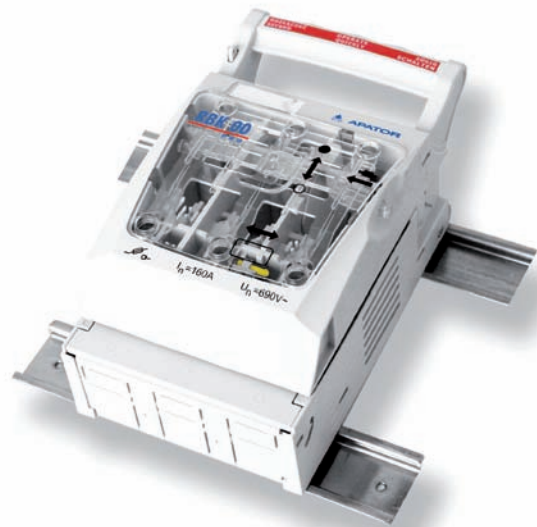
RBK 00 pro



RBK 00 pro-W

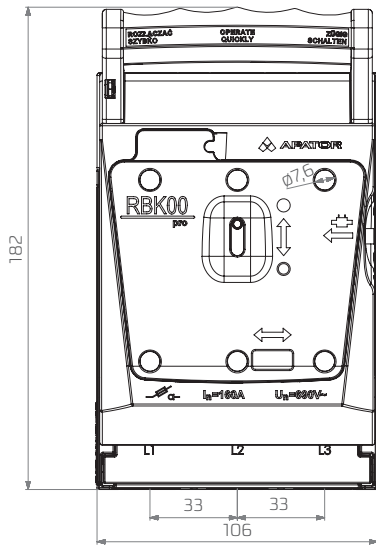


Fuse switch disconnecter **RBK 00 pro-W** with additional terminal shrouds

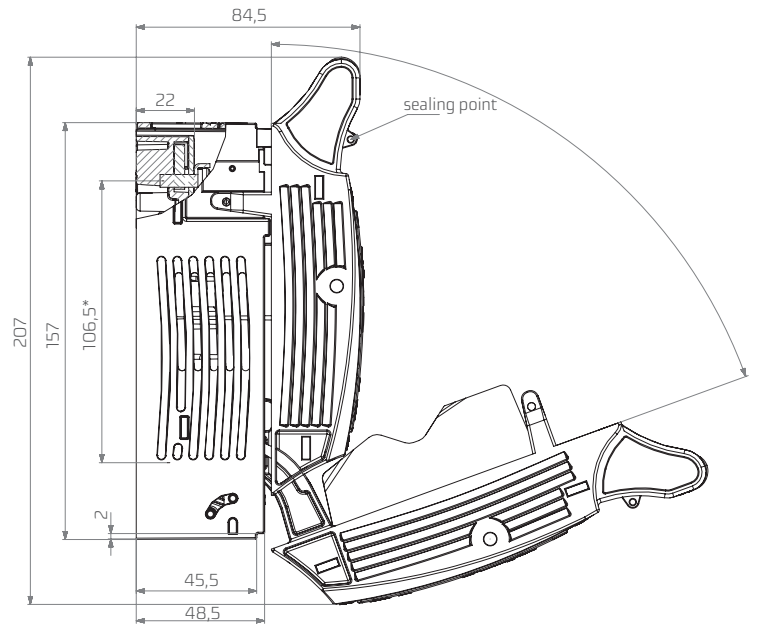


Fuse switch disconnecter **RBK 00 pro-E** for mounting on double DIN rail

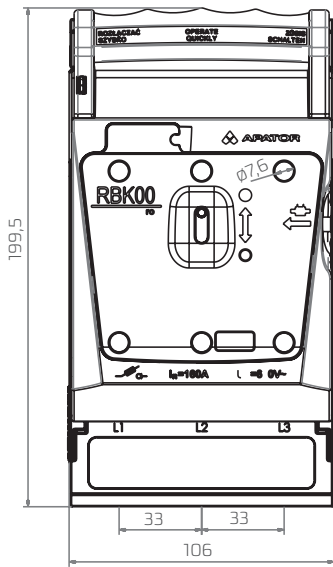
RBK 00 / RBK 00 pro



\*122.5 mm for M screw terminal (for busbar and lug terminal)



RBK 00-W / RBK 00 pro-W,



\*122.5 mm for M screw terminal (for busbar and lug terminal)

