

RBP 000 pro (125 A, 690 V) for mounting

- on plate
- on double DIN rail

RBP 000 pro-S (125 A, 690 V) for installation onto 60 mm busbar system

- system of protective covers provides touch protection
- possible installation of distribution board's protective panel at depth of 32 mm or 70 mm
- built-in hooked clamps provide fast installation onto busbar system
- top/bottom cable terminal



RBP 000 pro-S

Table 79. Technical data

Parameter		RBP 000 pro			RBP 000 pro-S		
Rated thermal current $I_{th}^{1)}$	A	125			125		
Rated voltage U_n	V	690			690		
Utilization category	-	AC-23B	AC-21B	DC-22B	AC-23B	AC-22B	DC-22B
Rated switching current I_e	A	125	125	100	125	125	100
Rated switching voltage U_o	V	400	690	250	400	690	250
Rated short circuit making current	690 V	50			35		
	500 V	-			-		
	400 V	80			80		
Rated short circuit withstand current	690 V	50			35		
	500 V	-			-		
	400 V	80			80		
Rated insulation voltage U_i	V	1000			1000		
Rated impulse withstand voltage U_{imp}	kV	6			6		
Rated frequency	Hz	50-60		-	50-60		-
Mechanical durability	Number of cycles	1600			1600		
Electrical durability	Number of cycles	200			200		
IP degree of protection	IP	20*			20*		
Weight	kg	~0,5			~0,7		
Size of fuse links	-	000			000		

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

Table 80. Versions

RBP 000 pro		Cable terminal	Article No.
For mounting on plate			
RBP 000 pro	for connection of round conductors	frame clamps	63-823267-001
for mounting on double DIN rail			
RBP 000 pro-E-125 mm	double DIN rail with spacing of 125 mm	frame clamps	63-823267-002
RBP 000 pro-E-150 mm	double DIN rail with spacing of 150 mm	frame clamps	63-823267-003
APASYS 60	RBP 000 pro-S		
	For installation on to 60 mm busbar system		
	RBP 000 pro-SG	cable terminal-top, for connection of conductors with bare ends	frame clamps 63-823427-001
	RBP 000 pro-SD	cable terminal-bottom, for connection of conductors with bare ends	frame clamps 63-823427-002

Table 81. RBP 000 pro, RBP 000 pro-S terminal clamps

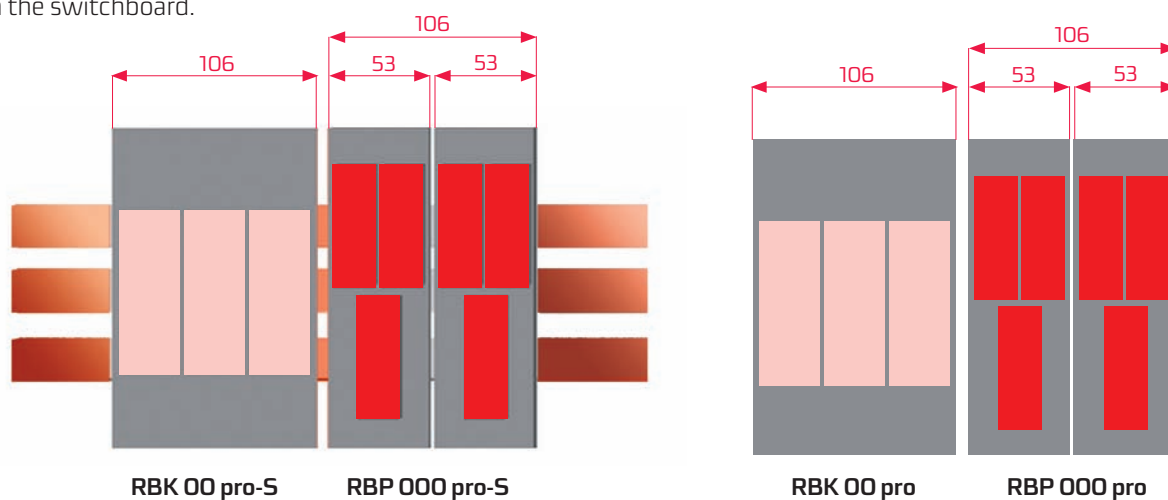
Description	Cable terminal	Drawing of clamp	Cross-section of conductors	Tightening torque
RBP 000 pro RBP 000 pro-S	frame clamps		2,5 - 50 mm ²	 6 Nm*

For stranded conductors using cable ferrules is recommended

*using of tension wrench is recommended

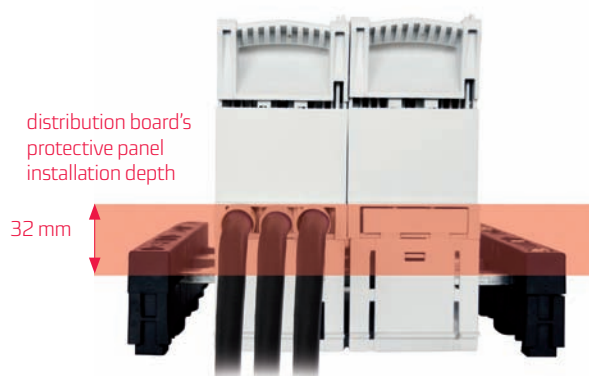
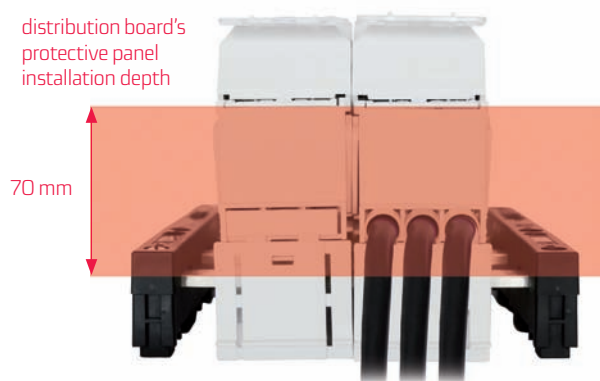
Saves space in the switchboard

RBP 000 pro-S (**RBP 000-pro**) width dimensions is equal to half the width of **RBK 00 pro-S** (**RBK 00 pro**), so we can install more disconnectors (keeping a certain width of the switchboard) to protect individual circuits in the switchboard.



Fuse switch disconnectors **RBP 000 pro-S** are designed for installation of distribution board's protective panels at two depths:

- covering system at 70 mm depth
- covering system at 32 mm depth



Fuse switch disconnectors **RBP 000 pro-S** are manufactured in two versions depending on type of cable terminal

- **RBP 000 pro-SD**-with bottom cable terminal
- **RBP 000 pro-SG**-with top cable terminal



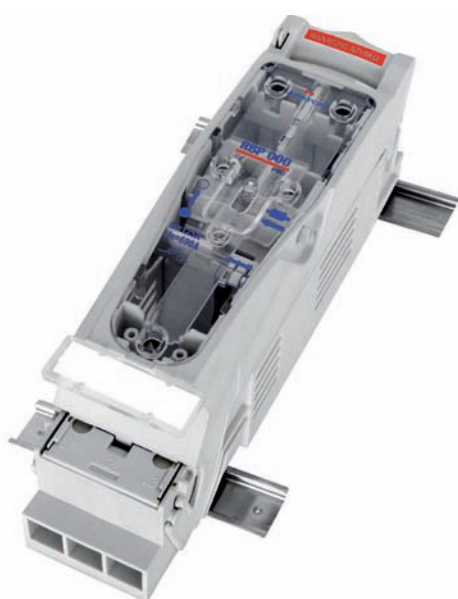
Fuse switch disconnector **RBP 000 pro-S** has special cavity in it's main base encasing busbar system's support.



It is possible to install **microswitch indicating** position open/close fuse switch disconnectors.



hole for leading of wires connected to microswitch

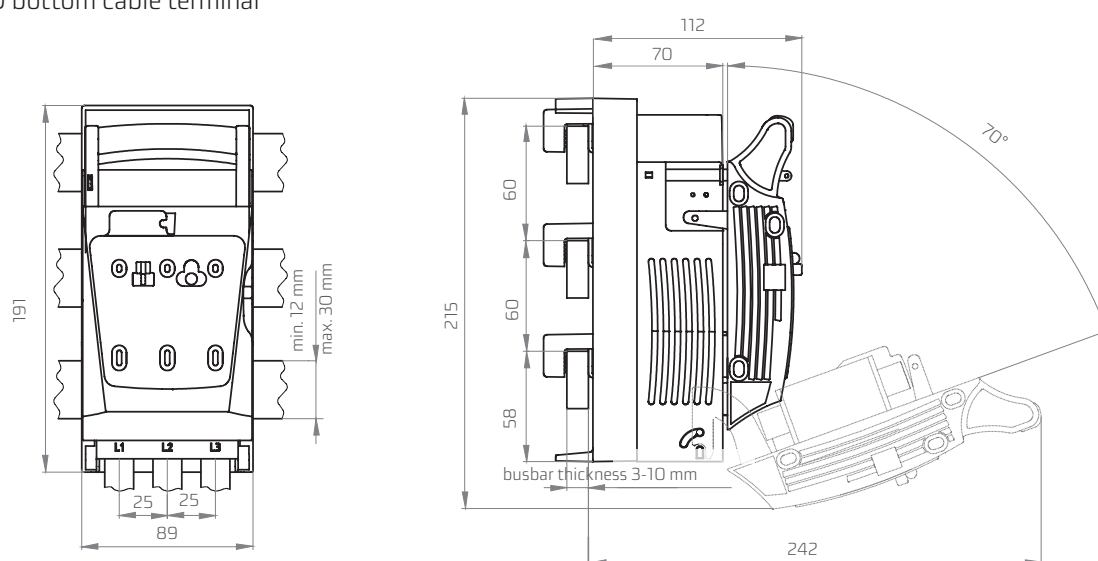


Fuse switch disconnecter **RBP 000 pro - E 125 mm**
for mounting on double DIN rail

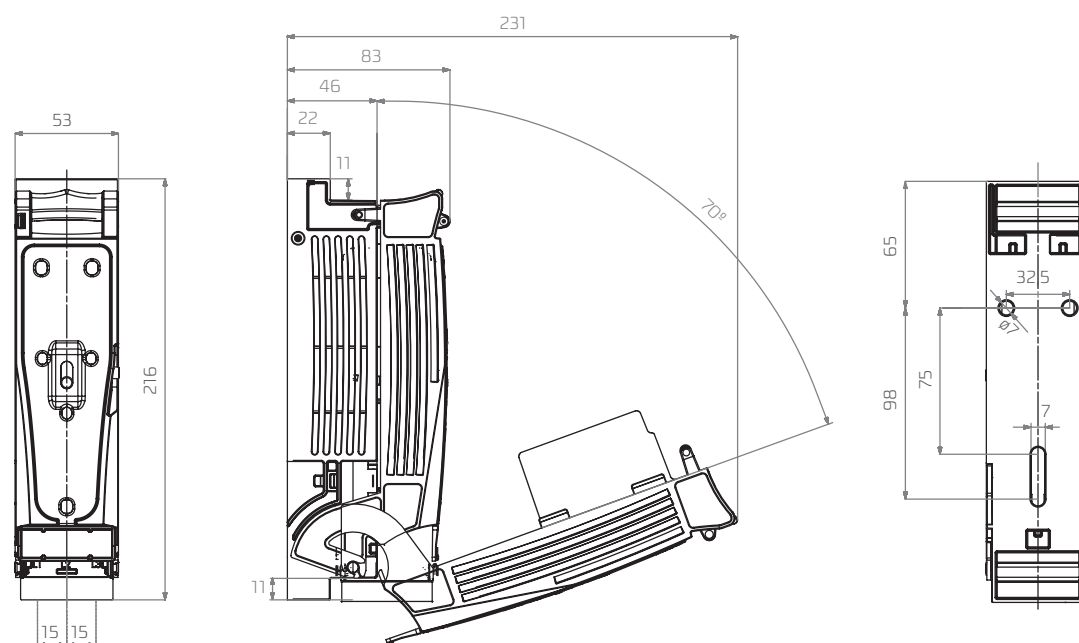


RBP 000 pro
mounting on plate

RBK 000 pro-SG top cable terminal
RBK 000 pro-SD bottom cable terminal



RBP 000 pro



RBP 000 pro-S

