

### 3. FUSE SWITCH DISCONNECTORS

**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

Table 23. TECHNICAL DATA

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

\*- RBP 000 pro, \*\*- RBP 000 pro-S




RBP 000 pro-S

Table 24. VERSIONS

RBP 000 pro		Cable terminal	Article No.
<b>For mounting on plate</b>			
RBP 000 pro	for connection of round conductors	frame clamps	63-823267-001
<b>for mounting on double DIN rail</b>			
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
<b>RBP 000 pro-S</b>			
<b>For installation on to 60 mm busbar system</b>			
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 25. RBP 000 pro, RBP 000 pro-S TERMINAL CLAMPS

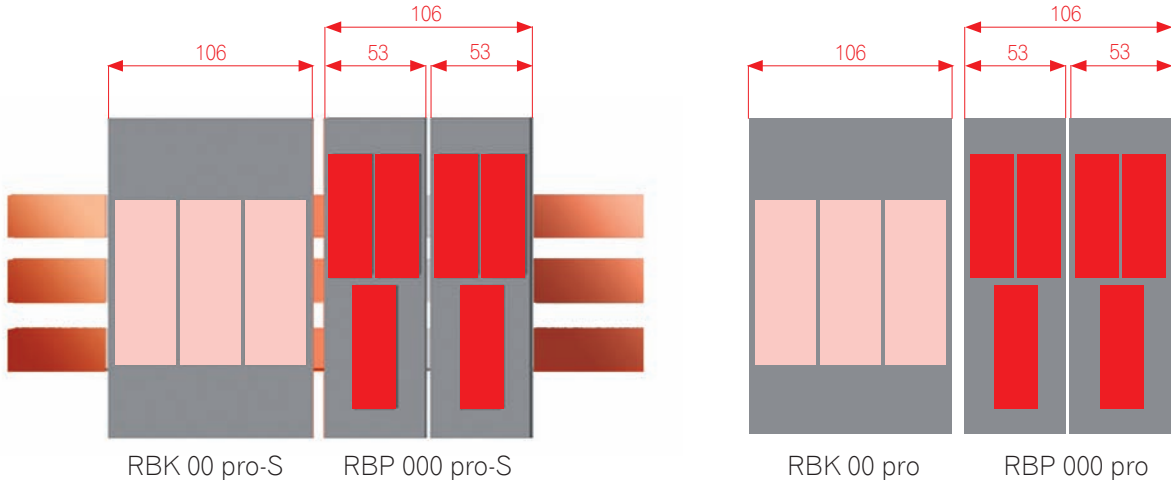
Description	Cable terminal	Drawing of clamp	Cross-section of conductors	Tightening torque
RBP 000 pro RBP 000 pro-S	frame clamps		2,5 - 50 mm <sup>2</sup>	⊕ 6 Nm* 3 Nm*

For stranded conductors using cable ferrules is recommended  
\*using of tension wrench is recommended



### Saves space in the switchboard

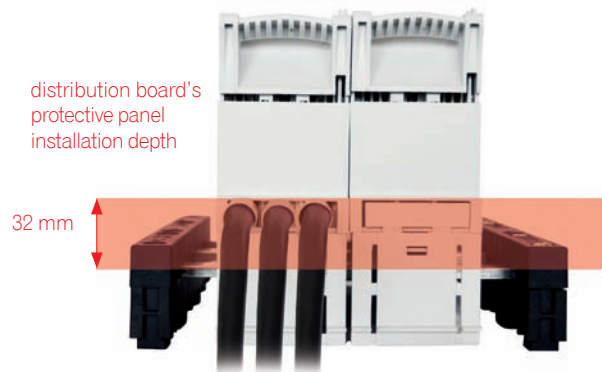
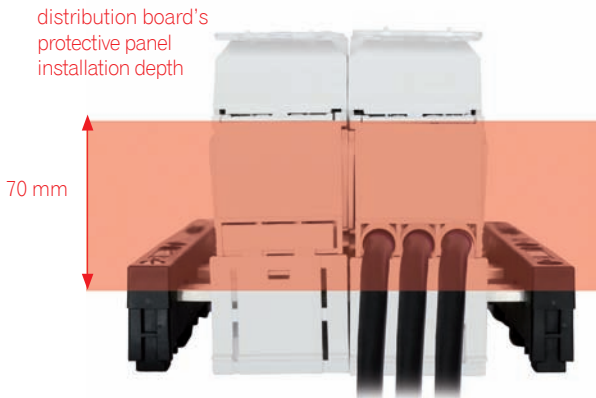
RBP 000 pro-S (RBP 000 pro) width dimensions is equal to half the width of RBK 00 pro-S (RBK 00 pro), so we can install more disconnectors (keeping a certain width of the switchboard) to protect individual circuits in the switchboard.



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

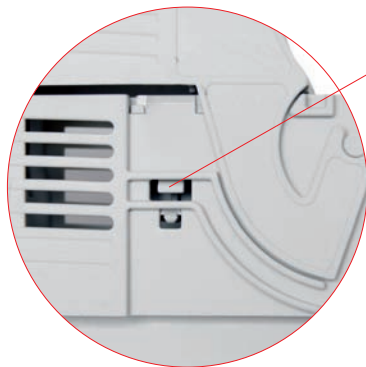


Fuse switch disconnecter RBP 000 pro-S has special cavity in it's main base encasing busbar system's support.

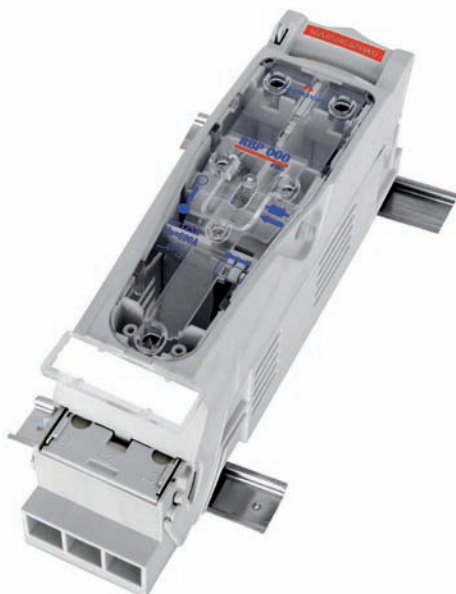


RBP 000 pro, RBP 000 pro-S

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