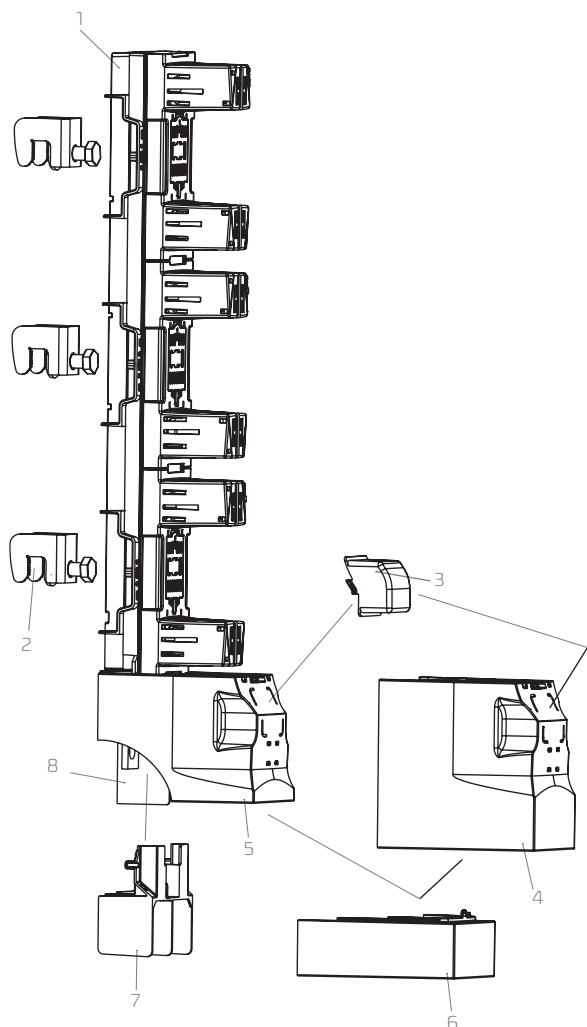


FUSE BASE PBS 2 (400 A, 690 V) PBS 3 (630 A, 690 V)



Option of fuse link
state indication
by neon indicator tube

Labels on busbar
terminals acces covers

Clip with label

Terminal shroud label



DESCRIPTION

1. Main base
2. Hooked clamp – for installation on to busbar system 1115281037T
3. Terminal shroud for fuse switch disconnecter with double V-clamps (2 x 240 mm²) 51-945480-011
4. Terminal shroud (long) 51-945480-011
5. Terminal shroud (short) 51-930271-011
6. Bottom adjusting shroud 51-930313-011
7. Cable terminal protective cover 51-930272-011
8. Protective barrier

PBS 3 (630 A, 690 V)



PBS 3-V



PBS 3-V
with fuse link shrouds

Table 69. Technical data

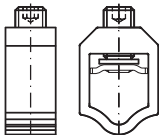
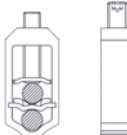
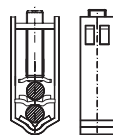
Parameter		PBS 3
Size		3
Rated thermal current I_{th}	A	630
Rated voltage U_n	V	690
Rated insulation voltage U_i	V	1000
Rated frequency	Hz	50-60
Rated power dissipation	W	60
Rated short-circuit withstand current	kA	100
Mechanical durability	Number of cycles	100
IP degree of protection without fuse links installed	-	20
IP degree of protection with fuse links and fuse link shrouds installed	-	20
Size of fuse links		3

Accessories on page 70, 71

Table 70. Versions

Version		Weight	Article No.
PBS 3-V	cable terminals: V-terminals with V-clamps (35-300 SW)	4,0 kg	63-811639-021
PBS 3-M	cable terminals: screw terminals with pressed nuts M12 (M12 screw)	4,1 kg	63-811639-041
PBS 3-2V	cable terminals: 2V-terminals with double V-clamps (2 x 50- 240 mm ²)	4,8 kg	63-811639-061

Table 71. PBS 3 terminal clamps

Description	PBS 3-V		PBS 3-2V		PBS 3-2V		PBS 3-M
Clamp	V-clamp 35-300SW-B		V-clamp 2/50-300SW-B		V-clamp HS 2/50-240-C*		M-screw M12**
Drawing of clamp							
Cross-section of conductors	V-clamp for direct fixing of conductor with bare end with cross-section of:						Lug terminal
	35 - 185 mm² 	35 - 240 mm² 	50 - 185 mm² 	50 - 240 mm² 	50 - 185 mm² 	50 - 240 mm² 	
	35 - 240 mm² 	35 - 300 mm² 	50 - 240 mm² 	50 - 300 mm² 	50 - 240 mm² 	50 - 300 mm² 	
Tightening torque	30 Nm		30 Nm		40 Nm		56 Nm

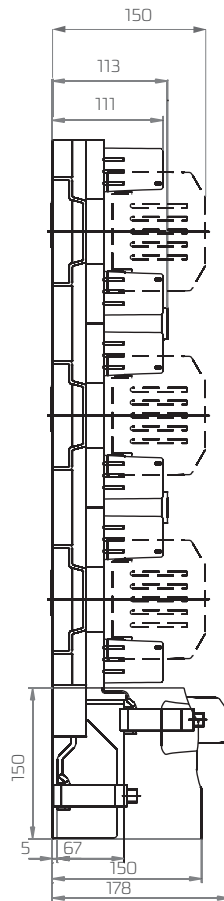
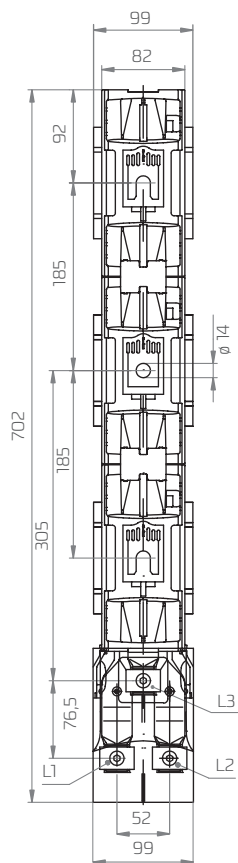
For stranded conductors using cable ferrules is recommended

*) if the fuse switch disconnector with a 2V-type clamp is to be equipped with a steel V-clamp HS 2/50-240-C, it should be included in the order

**) bars of maximum width of 40 mm and maximum thickness of 8 mm can be fixed to M type screw terminals when protective barrier between phases is installed

Apartor takes responsibility for technical quality of V-terminals manufactured only by the company. Minimum tightening torque (M12 screw) for screws fixing fuse switch disconnector to busbar system – 32 Nm, recommended tightening torque for screws and nuts with property class 8.8 – 56 Nm.

PBS 2 | PBS 3 with terminal 2V (2 x 240 mm²)



PBS 2 | PBS 3 with lateral busbar terminal

