

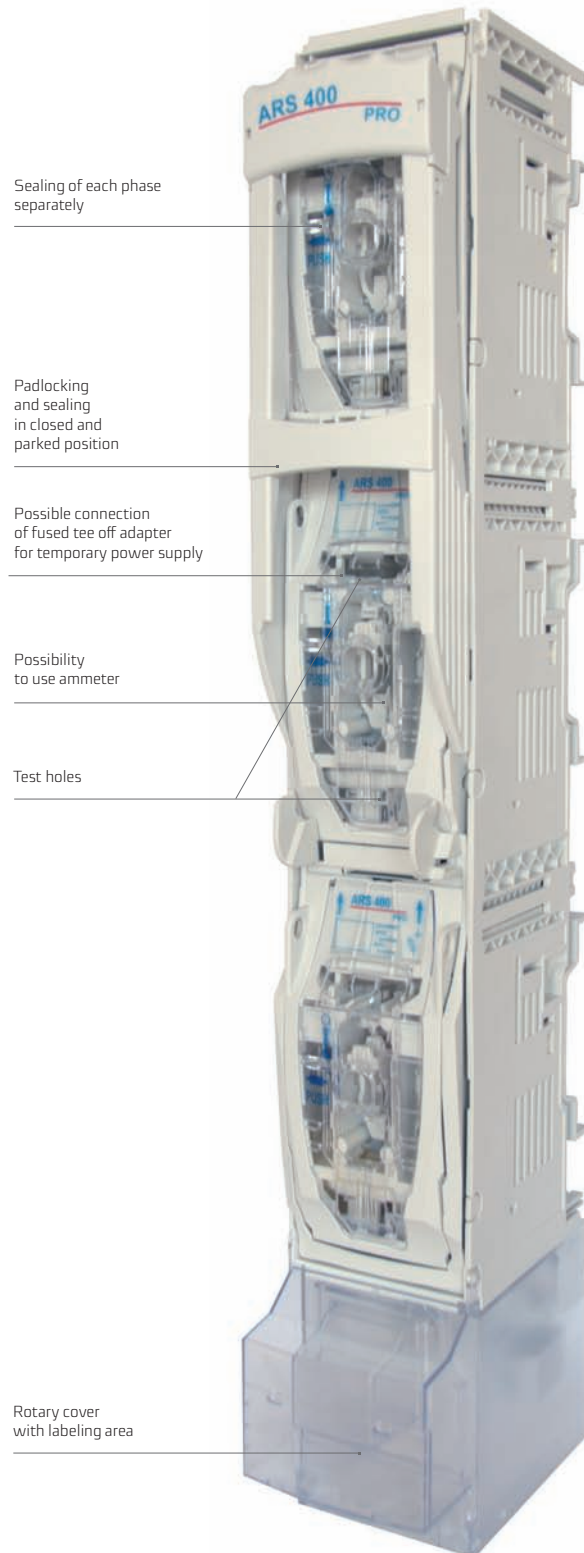
FUSE SWITCH DISCONNECTOR ARS 400 pro (400 A, 690 V)
ARS 630 pro (630 A, 690 V)

For installation on to 185 mm busbar system

Fuse switch disconnectors' width 100 mm

Three pole switching - all phases simultaneously or one pole switching - each phase independently

ARS 400 pro, ARS 630 pro



Sealing of each phase separately

Padlocking and sealing in closed and parked position

Possible connection of fused tee off adapter for temporary power supply

Possibility to use ammeter

Test holes

Rotary cover with labeling area

FUSE SWITCH DISCONNECTOR ARS 400 pro (400 A, 690 V)

Designed for operation with NH1 and NH2 fuse links

Table 22. Technical data

Parameter	ARS 400 pro		
Rated thermal current $I_{th}=I_n$	A	250(NH1), 400(NH2)	
Rated voltage U_n	V	690	
Utilization category	-	AC-22B	
Rated switching voltage U_e	V	690	
Rated switching current I_e	A	250(NH1), 400(NH2)	
Rated short circuit making current	690 V	kA	100
	500 V	kA	120
Rated short circuit withstand current	690 V	kA	100
	500 V	kA	120
Rated insulation voltage U_i	V	1000	
Rated impulse withstand voltage U_{imp}	kV	12	
Rated frequency	Hz	50-60	
Mechanical durability	Number of cycles	1000	
Electrical durability		200	
IP degree of protection	-	30	
Fuse links size	-	1, 2	

Accessories on page 54, 55



ARS 400-1-M pro

ARS 400-6-M pro

ARS 400 pro

Table 23. Versions

Version	Weight	Article No.
for installation on 185 mm busbar system, ONE POLE SWITCHING - each phase independently		
ARS 400-1-V pro cable terminals: V-terminals: V-clamps 240 mm ²	5,2 kg	63-001968-011
ARS 400-1-M pro cable terminals: screw terminals: pressed nuts M10	4,9 kg	63-001968-021
ARS 400-1-2V pro cable terminals: 2V-terminals: double V-clamps 240 mm ²	5,8 kg	63-001968-031
for installation on 185 mm busbar system, THREE POLE SWITCHING - all phases simultaneously		
ARS 400-6-V pro cable terminals: V-terminals: V-clamps 240 mm ²	5,2 kg	63-001971-011
ARS 400-6-M pro cable terminals: screw terminals: pressed nuts M10	4,9 kg	63-001971-021
ARS 400-6-2V pro cable terminals: 2V-terminals: double V-clamps 240 mm ²	5,8 kg	63-001971-031

Table 24. ARS 400 pro terminal clamps

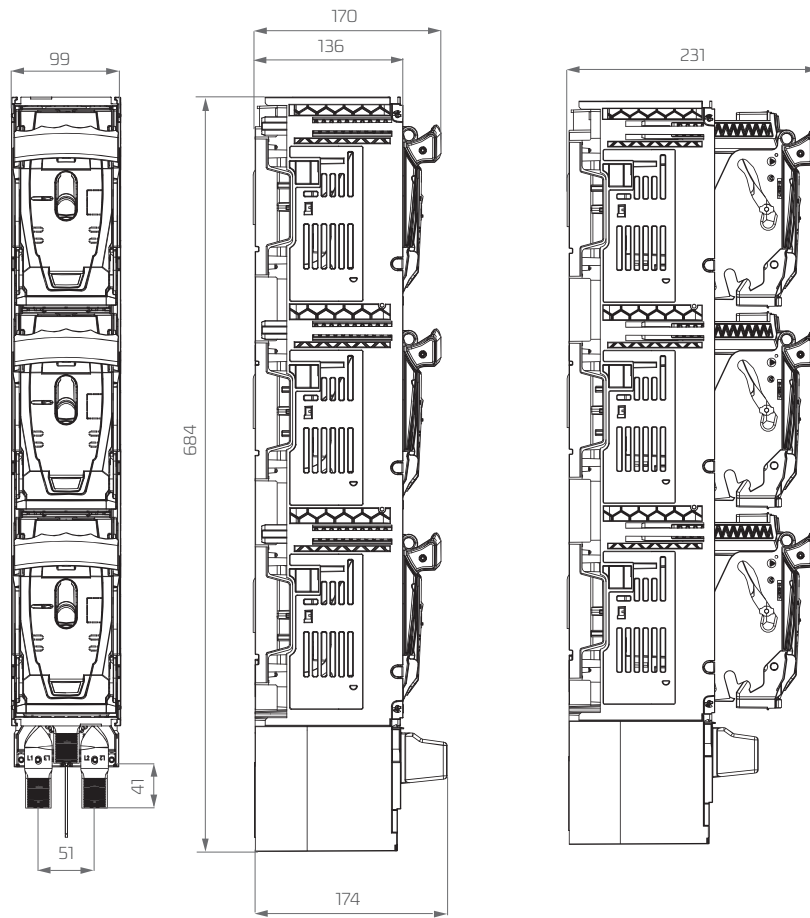
Description	ARS 400-x-V pro	ARS 400-x-2V pro	ARS 400-2-x-2V pro	ARS 400-x-M pro		
Clamp	V-clamp 35-300SW-B	V-clamp 2/50-300SW-B	V-clamp HS 2/50-240-C*	M-screw M10**		
Drawing of clamp						
Cross – section of conductors	V-clamp for direct fixing of conductor with bare end with crosssection of:					
	35 - 185 mm ²	35 - 240 mm ²	50 - 185 mm ²	50 - 240 mm ²	50 - 185 mm ²	50 - 240 mm ²
	35 - 240 mm ²	35 - 300 mm ²	50 - 240 mm ²	50 - 300 mm ²	50 - 240 mm ²	50 - 300 mm ²
Tightening torque	30 Nm	30 Nm	40 Nm	32 Nm		

For stranded conductors using cable ferrules is recommended

*) if the fuse switch disconnecter 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 Apator takes responsibility for technical quality of V-terminals manufactured only by the company. Minimum tightening torque (M10 screw) for screws fixing fuse switch disconnecter to busbar system – 32 Nm, recommended tightening torque for screws and nuts with property class 8.8 – 56 Nm.

ARS 400 pro, ARS 630 pro, ARS 400, ARS 630
1-phase



3-phase

