

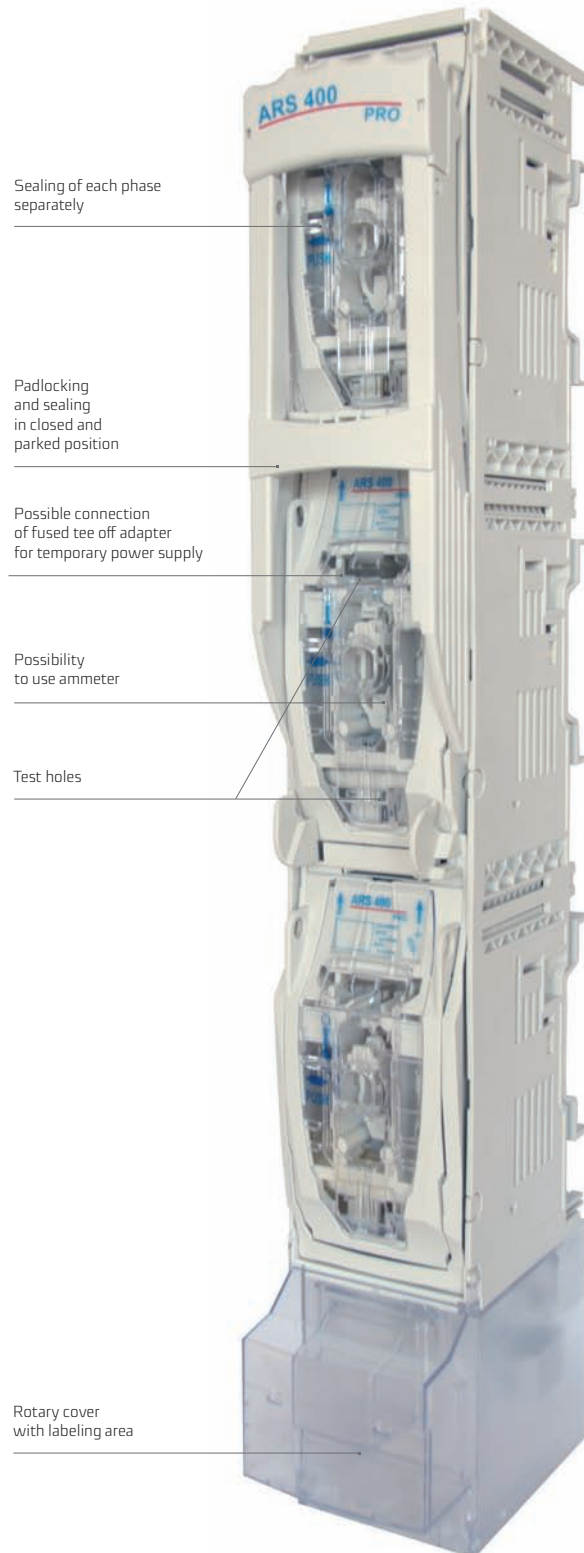
**FUSE SWITCH DISCONNECTOR ARS 400 pro (400 A, 690 V)
ARS 630 pro (630 A, 690 V)**

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 630 pro (630 A, 690 V)

Designed for operation with NH3 fuse links



ARS 630-1-M pro

ARS 630-6-M pro

Table 25. Technical data

Parameter		ARS 630 pro
Rated thermal current $I_{th}=I_n$	A	630
Rated voltage U_n	V	690
Utilization category	-	AC-22B
Rated switching voltage U_e	V	690
Rated switching current I_e	A	630
Rated short circuit making current	690 V	100
	500 V	120
Rated short circuit withstand current	690 V	100
	500 V	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	-	3

Accessories on page 54, 55

Table 26. Versions

Versions	Weight	Article No.
for installation on 185 mm busbar system, one pole switching - each phase independently		
ARS 630-1-V pro cable terminals: V-terminals: V-clamps 240 mm ²	5,8 kg	63-011801-011
ARS 630-1-M pro cable terminals: screw terminals: pressed nuts M12	5,5 kg	63-011801-021
ARS 630-1-2V pro cable terminals: 2V-terminals: double V-clamps 240 mm ²	6,4 kg	63-011801-031
for installation on 185 mm busbar system, THREE POLE SWITCHING - all phases simultaneously		
ARS 630-6-V pro cable terminals: V-terminals: V-clamps 240 mm ²	5,8 kg	63-011802-011
ARS 630-6-M pro cable terminals: screw terminals: pressed nuts M12	5,5 kg	63-011802-021
ARS 630-6-2V pro cable terminals: 2V-terminals: double V-clamps 240 mm ²	6,4 kg	63-011802-031

Table 27. ARS 630 pro terminal clamps

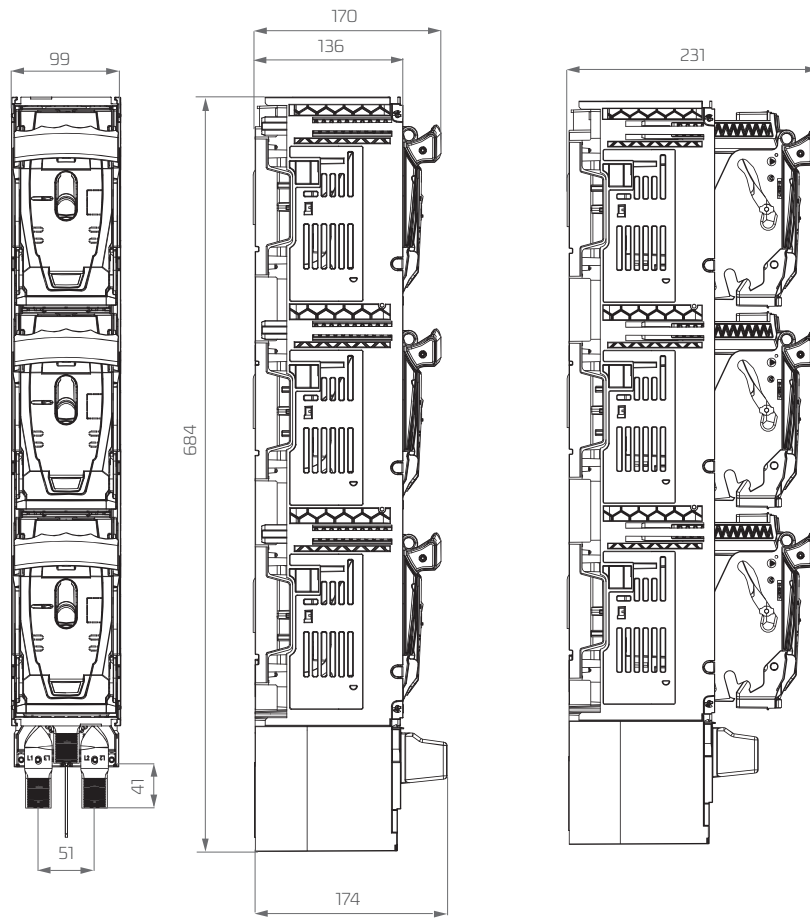
Description	ARS 630-x-V pro	ARS 630-x-2V pro	ARS 630-x-2V pro	ARS 630-x-M pro
Clamp	V-clamp 35-300SW-B	V-clamp 2/50-300SW-B	V-clamp HS 2/50-240-C*	M-screw M12**
Drawing of clamp				
Cross – section of conductors	V-clamp for direct fixing of conductor with bare end with cross-section of:			
	35 - 185 mm ²	35 - 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
Tightening torque	30 Nm	30 Nm	40 Nm	56 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 (M12 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

