



SWITCHGEAR

ARS

vertical fuse switch disconnectors

- fibre glass extra strenghtened, self extinguishing thermoplastics
- double clearance between open contacts
- arc chutes with deionization plates over every contact
- reversibility - top/bottom cable terminal connection
- wide range of accesories







CONSTRUCTION

ARS fuse switch disconnectors are manufactured in two versions:

- one pole switching (separately each pole)
- three pole switching (three poles at the same time)

They have manually operated handle therefore making and breaking operations should be done with determined movement.

ARS fuse switch disconnectors are available in following sizes (according to rated current): 00 (ARS 00 and ARS 00/100 mm -160 A) and 2 (ARS 400 A).

ARS fuse switch disconnectors are designed for installation on to 185 mm busbar system.

ARS of size 00 are manufactured in two versions depending on busbar system:

- ARS 00 fuse switch disconnector (160 A) for installation on to 185 mm busbar system
 - ARS 00/100 mm fuse switch disconnector (160 A) for installation on to 100 mm busbar system
- Installation on to 185 mm busbar system is possible by using adapter.

Fuse switch disconnectors ARS are made of fibre glass strengthened, thermoplastic polyamides with halogen free flame retardant added. Added flame retardant provides V2 flammability class. Silver plated contacts provide low power loss. Depending on clamp type, ARS fuse switch disconnectors enable user to connect circular or sector-shaped conductors with bare ends or conductors with lug terminals. Arc chute with deionization plates is installed over each contact. Such design provides efficiency of arc extinction and controlled exhaust of arc plasma. ARS fuse switch disconnectors are adapted for using current transformers and ammeters. Protection degree of IP30 from the front is provided. Additionally offered accessories enable to install ARS fuse switch disconnectors of different sizes on common busbar systems. All sizes of ARS pro fuse switch disconnectors are provided complete with clamps (i. e. screws, V-terminals, 2V-terminals) and shrouds for cable terminals.

FUNCTIONALITY

- making and breaking operations should be done with determined movement,
- parallelly moving, double contact system,
- designed for installation on to 100 mm or 185 mm busbar system,
- two versions: single pole switching (separately each pole) or triple pole switching (three poles at the same time),
- fuse switch disconnectors width: 50 mm, 100 mm, 200 mm,
- suitable for top cable terminal connection,
- possible connection of circular or sector-shaped conductors with bare ends (V-terminals, 2V-terminals or conductors with lug terminals (screw terminals).

Table 43. ARS TECHNICAL DATA

Parameters		ARS 00/100 mm	ARS 00	ARS 400 A	
Rated thermal current $I_{th}=I_n$	A	160	160	400	
Rated voltage U_n	V	690	690	690	
Utilization category	690 V	AC-22B	AC-22B	AC-22B	
Rated switching voltage U_e	V	690	690	690	
Rated switching current I_e	A	160	160	400	
Rated short-circuit making current	$U_e=690$ V	kA	25	100	100
	$U_e=500$ V				120
Rated short-circuit withstand current	$U_e=690$ V	kA	100	100	100
	$U_e=500$ V				120
Rated insulation voltage U_i	V	1000	1000	1000	
Rated impulse withstand voltage U_{imp}	kV	8	12	12	
Rated frequency	Hz	50-60	50-60	50-60	
Mechanical durability	Number of cycles	1600	1600	1000	
Electrical durability		200	200	200	
IP degree of protection	IP	30	20	30	
Fuse links size	-	00	00	1, 2	

OPERATING CONDITIONS

- to be installed in the room free of any dust, aggressive or explosive gases,
- altitude up to 2000 meters above sea level,
- outdoor – in cabinets with protection degree > IP 34,
- ambient temperature from -25 °C to +55 °C,
- relative humidity of the air should not be higher than 50% at temperature of +40°.
- in case of single phase disconnector, device is dedicated to energy distribution systems; connection of primary circuits of three phase devices shouldn't be performed if switching or isolation of specific phases is required.

FUSE SWITCH DISCONNECTOR ARS 00/100 mm (160 A, 690 V)

For installation on to 100 mm busbar system

Fuse switch disconnecter's width 50 mm

Three pole switching - all phases simultaneously

Table 44. TECHNICAL DATA

Parameters		ARS 00/100 mm
Rated thermal current $I_{th} = I_n$	A	160
Rated voltage U_n	V	690
Utilization category	-	AC-22B
Rated switching voltage U_e	V	690
Rated switching current I_e	A	160
Rated short circuit making current	kA	25
Rated short circuit withstand current	kA	100
Rated insulation voltage U_i	V	1000
Rated impulse withstand voltage $U_{imp.}$	kV	8
Rated frequency	Hz	50-60
Mechanical durability	Number of cycles	1600
Electrical durability		200
IP degree of protection	IP	30
Fuse links size	-	00

Accessories on page 58



Table 45. VERSIONS

Version		Weight	Article No.
for installation on to 100 mm busbar system ,three pole switching - all phases simultaneously			
ARS 00/100mm	cable terminals: bridge terminals with bridge clamps (S) 4-70 mm ² , screw terminals with M8 screws	1,3 kg	63-811628-011
ARS 00/100mm-V	cable terminals: V-terminals with V-clamps 25-120SW	1,5 kg	63-811628-021
ARS 00/100mm-V	cable terminals: V-terminals, without V-clamps	1,3 kg	63-811628-081

Table 46. ARS 00/100mm TERMINAL CLAMPS

Description	ARS 00/100 mm			
	S-bridge clamp 2 x M5 x 25	M8 screw*	V- clamp 25-120 SW	HM 10-120
Picture of clamp				
Drawing of clamp				
Cross -section of conductors	4 - 70 mm ²	Conductor with lug terminal max 185 mm ²	re ● 16 mm ² - 95 mm ² se ◆ 25 mm ² - 120 mm ² rm ⊗ 16 mm ² - 95 mm ² sm ⊕ 25 mm ² - 120 mm ²	re ● 10 mm ² - 70 mm ² se ◆ 25 mm ² - 120 mm ² rm ⊗ 10 mm ² - 70 mm ² sm ⊕ 25 mm ² - 95 mm ²
Tightening torque	3 Nm**	12 Nm**	20 Nm**	15 Nm**

For stranded conductors using cable ferrules is recommended

*) Bars of maximum width of 20 mm and maximum thickness of 5 mm can be fixed to M type screw terminals.

***) using tension wrench is recommended

***) fuse switch disconnecters with V-terminals are equipped with steel V-clamp HM 10-120 on request

Apator takes responsibility for technical quality of V-terminals manufactured only by the company. Minimum tightening torque (M8 screw) for screws fixing fuse switch disconnecter to busbar system – 12 Nm, recommended tightening torque for screws and nuts with property class 8.8 – 21 Nm

FUSE SWITCH DISCONNECTOR ARS 00 (160 A, 690 V)

For installation on to 185 mm busbar system

Three pole switching - all phases simultaneously

- two-hand operation or one pole switching - each phase independently

Fuse switch disconnectors' width 50 mm

Table 47. TECHNICAL DATA

Parameters		ARS 00
Rated thermal current $I_{th}=I_n$	A	160
Rated voltage U_n	V	690
Utilization category	-	AC-22B
Rated switching voltage U_e	V	690
Rated switching current I_e	A	160
Rated short circuit making current	kA	22
Rated short circuit withstand current	kA	100
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	1600
Electrical durability		200
IP degree of protection	IP	20
Fuse links size	-	00

[Accessories on page 59](#)







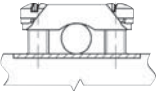
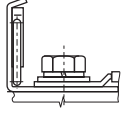
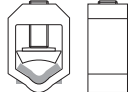

ARS 00-1

ARS 00-3

Table 48. VERSIONS

Version		Weight	Article No.
for installation on to 185 mm busbar system, one pole switching - each phase independently			
ARS 00-1	cable terminals: bridge terminals with bridge clamps (S) 4-70 mm ² , screw terminals with M8 screws	2,6 kg	63-811410-011
ARS 00-1-V	cable terminals: V-terminals with V-clamps 25-120SW	2,7 kg	63-811410-021
ARS 00-1-V	cable terminals: V-terminals, without V-clamps	2,6 kg	63-811410-051
for installation on to 185 mm busbar system, three pole switching - all phases simultaneously			
ARS 00-3	cable terminals: bridge terminals with bridge clamps (S) 4-70 mm ² , screw terminals with M8 screws	2,7 kg	63-811806-011
ARS 00-3-V	cable terminals: V-terminals with V-clamps 25-120SW	2,8 kg	63-811806-021
ARS 00-3-V	cable terminals: V-terminals, without V-clamps	2,7 kg	63-811806-051

Table 49. ARS 00 TERMINAL CLAMPS

Description	ARS 00 (160A)			
Clamp	S-bridge clamp 2 x M5 x 25	M8 screw*	V-clamp 25-150 SW	HM 10-120
Picture of clamp				 ***
Drawing of clamp				
Cross – section of conductors	4 - 70 mm ²	Conductor with lug terminal max 185 mm ²	re ● 16 mm ² - 95 mm ²	re ● 10 mm ² - 70 mm ²
			se ◐ 25 mm ² - 150 mm ²	se ◐ 25 mm ² - 120 mm ²
Tightening torque	3 Nm**	12 Nm**	rm ◐ 16 mm ² - 95 mm ²	rm ◐ 10 mm ² - 70 mm ²
			sm ◐ 25 mm ² - 150 mm ²	sm ◐ 25 mm ² - 95 mm ²

For stranded conductors using cable ferrules is recommended

*) Bars of maximum width of 20 mm and maximum thickness of 5 mm can be fixed to M type screw terminals.

***) using tension wrench is recommended

****) fuse switch disconnectors with V-terminals are equipped with steel V-clamp HM 10-120 on request

Aparator takes responsibility for technical quality of V-terminals manufactured only by the company. Minimum tightening torque (M8 screw) for screws fixing fuse switch disconnector to busbar system – 12 Nm, recommended tightening torque for screws and nuts with property class 8.8 – 21 Nm

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

For installation on to 185 mm busbar system

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

Fuse switch disconnectors' width 100 mm

Designed for operation with NH1 and NH2 fuse links

Table 50. TECHNICAL DATA

Parameters		ARS 400 A
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	400
Rated short circuit making current	$U_e=690$ V	100
	$U_e=500$ V	120
Rated short circuit withstand current	$U_e=690$ V	100
	$U_e=500$ 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	IP	30
Fuse links size	-	1, 2

Accessories on page 59



ARS 2-1-V

ARS 2-6-V

ARS 400 A

Table 51. VERSIONS

Version		Weight	Article No.
for installation on to 185 mm busbar system, one pole switching - each phase independently			
ARS 2-1-V	cable terminals: V-terminals with V-clamps 240 mm ²	5,0 kg	63-811825-011
ARS 2-1-M	cable terminals: screw terminals with pressed nuts M10	4,8 kg	63-811825-031
ARS 2-1-2V	cable terminals: 2V-terminals with double V-clamps 240 mm ²	5,7 kg	63-811825-051
ARS 2-1-V	cable terminals: V-terminals without V-clamps	4,7 kg	63-811825-091
ARS 2-1-2V	cable terminals: 2V-terminals without double V-clamps	5,2 kg	63-811825-121
for installation on to 185 mm busbar system, three pole switching - all phases simultaneously			
ARS 2-6-V	cable terminals: V-terminals with V-clamps 240 mm ²	5,0 kg	63-811826-011
ARS 2-6-M	cable terminals: screw terminals with pressed nuts M10	4,8 kg	63-811826-031
ARS 2-6-2V	cable terminals: 2V-terminals with double V-clamps 240 mm ²	5,7 kg	63-811826-051
ARS 2-6-V	cable terminals: V-terminals without V-clamps	4,7 kg	63-811826-091
ARS 2-6-2V	cable terminals: 2V-terminals without double V-clamps	5,2 kg	63-811826-121

Table 52. ARS 400 A TERMINAL CLAMPS

Description	ARS 2-x-V (400 A)		ARS 2-x-2V (400 A)		ARS 2-x-M (400 A)			
Clamp	V-clamp 35-300SW-B		V-clamp HS 2/35-240-C		M10 screw (pressed nut)			
Drawing of clamp	Cross-section of conductors		Cross-section of conductors			Cross-section of conductors Lug terminal		
		V-clamp for direct fixing of conductor with bare end with crosssection of:						
		35 - 185 mm ²		35 - 240 mm ²			35 - 185 mm ²	35 - 240 mm ²
	35 - 240 mm ²	35 - 300 mm ²	35 - 240 mm ²	35 - 300 mm ²				
Tightening torque	30 Nm		40 Nm		32 Nm			

For stranded conductors using cable ferrules is recommended

*) 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 disconnectors to busbar system – 32 Nm, recommended tightening torque for screws and nuts with property class 8.8 – 56 Nm

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

Designed for operation with NH3 fuse links

Table 53. TECHNICAL DATA

Parameters		ARS 630	
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	$U_e=690$ V	kA	100
	$U_e=500$ V		120
Rated short circuit withstand current	$U_e=690$ V	kA	100
	$U_e=500$ 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	IP	30	
Fuse links size	-	3	



ARS 630-1-M







ARS 630-6-M

Table 54. VERSIONS

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

Table 55. ARS 630 TERMINAL CLAMPS

Description	ARS 630 x-V		ARS 630 x-2V			
Clamp	V-clamp 35-300SW-B		V-clamp HS 2/35-240-C			
Drawing of clamp	Cross-section of conductors		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	35 - 185 mm ²	35 - 240 mm ²
		35 - 240 mm ²		35 - 300 mm ²	35 - 240 mm ²	35 - 300 mm ²
Tightening torque	30 Nm		40 Nm			

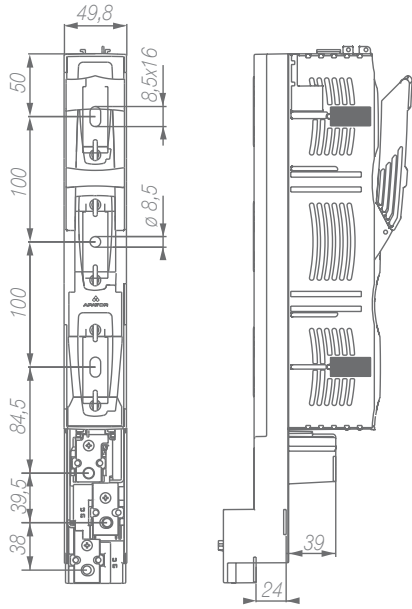
Description	ARS 630-x-2V		ARS 630-x-M		
Clamp	V-clamp 2/35-300SW-B		M-screw M12* (pressed nut)		
Drawing of clamp	Cross-section of conductors				Cross-section of conductors Lug terminal
		V-clamp for direct fixing of conductor with bare end with crosssection of:			
		35 - 185 mm ² 	35 - 240 mm ² 		
		35 - 240 mm ² 	35 - 300 mm ² 		
Tightening torque	30 Nm		56 Nm		

For stranded conductors using cable ferrules is recommended

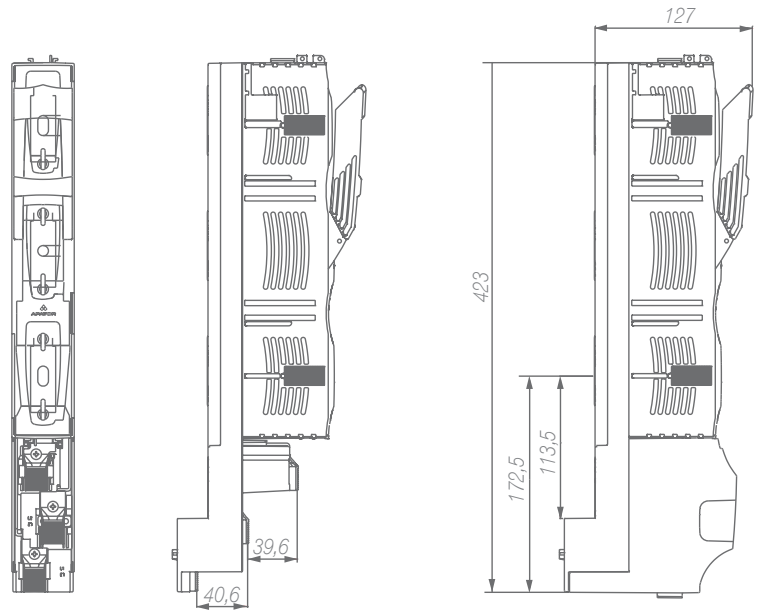
*)Bars of maximum width of 40 mm and maximum thickness of 8 mm can be fixed to M type screw terminals when protective barrier between phases is installed.
Apator takes responsibility for technical quality of V-terminals manufactured only by the company Minimum tightening torque (M12 screw) for screws fixing fuse switch disconnecter to busbar system – 32 Nm, recommended tightening torque for screws and nuts with property class 8.8 – 56 Nm



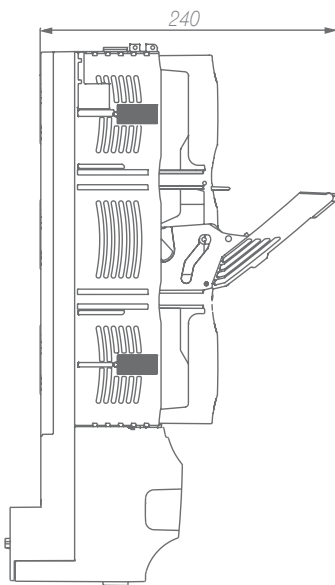
ARS 00/100 mm, ARS 00/100 mm pro



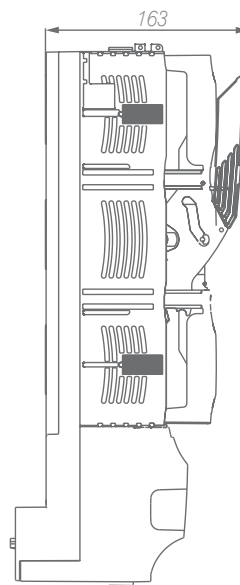
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OPENED



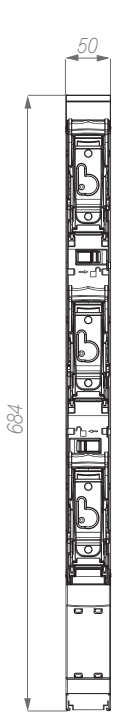
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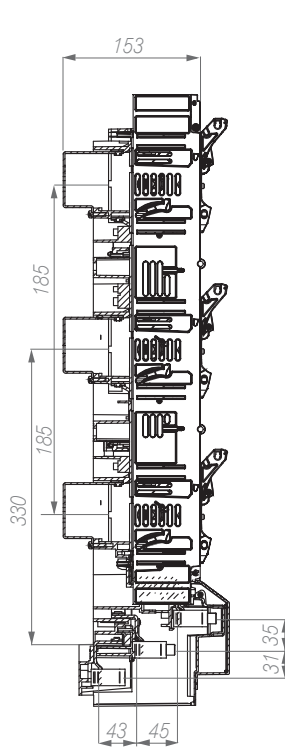
ARS 00, smartARS 00

1-phase

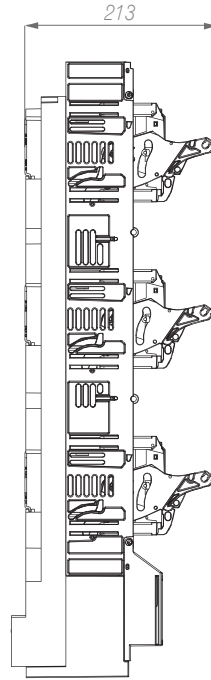
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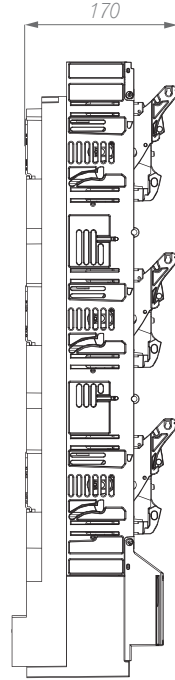
HEIGHTENED



OPENED

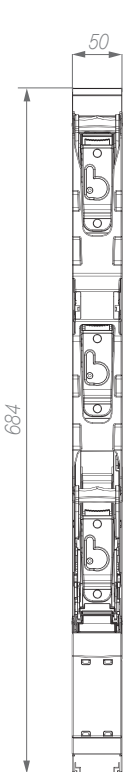


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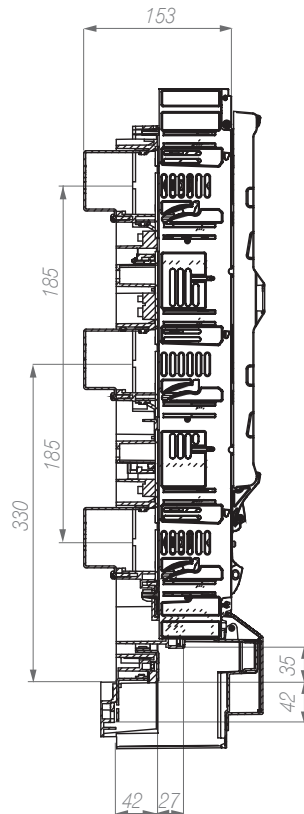


3-phase

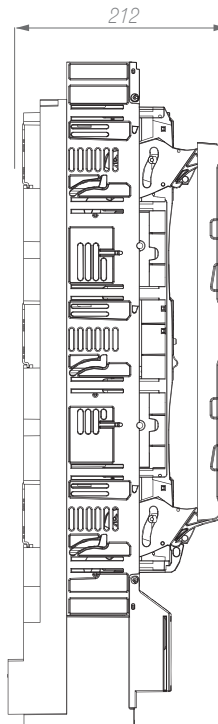
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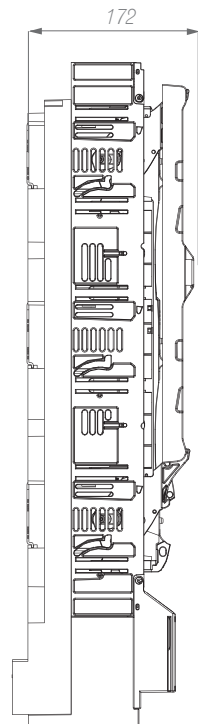
HEIGHTENED



OPENED

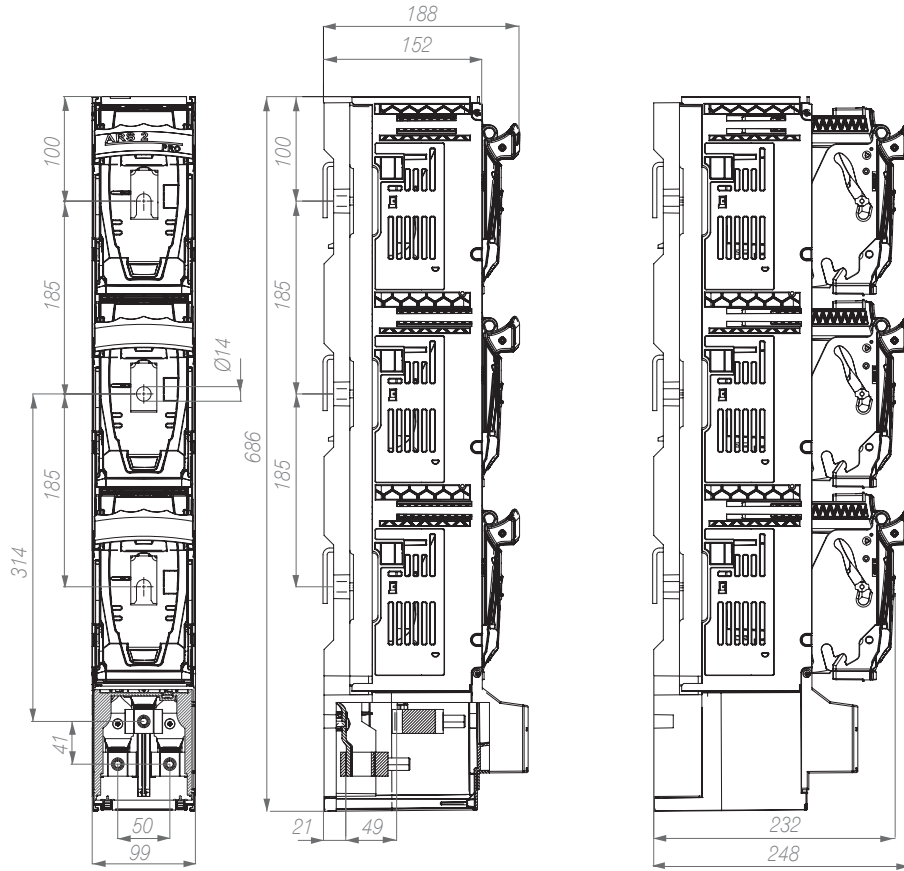


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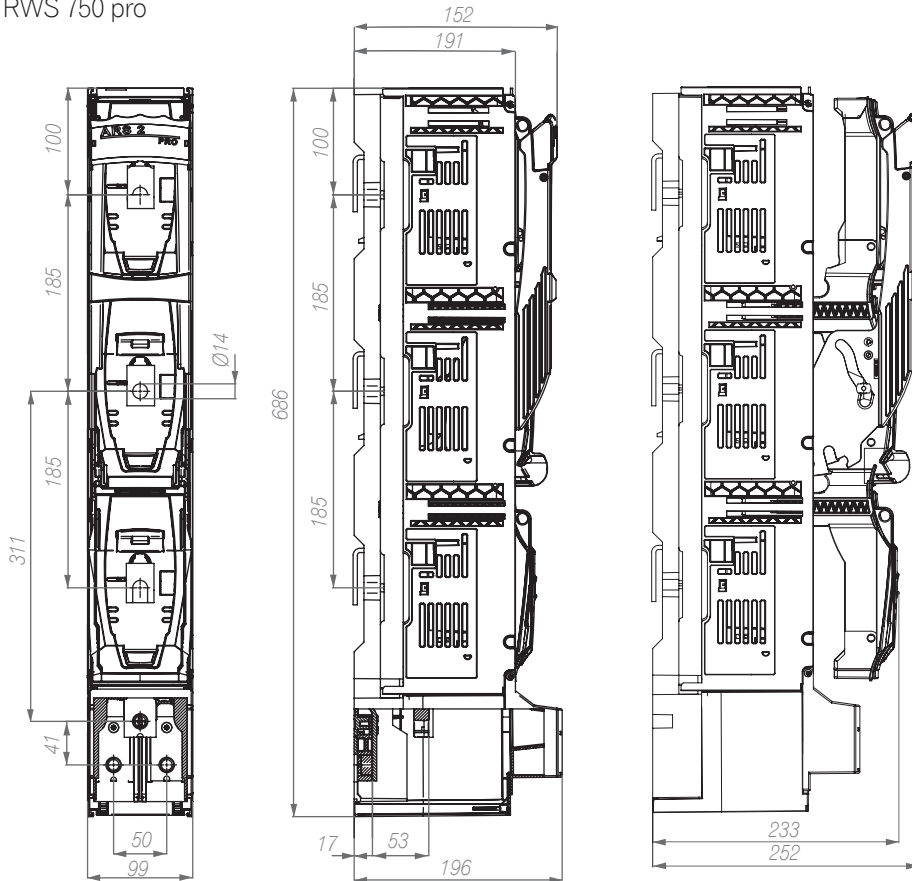




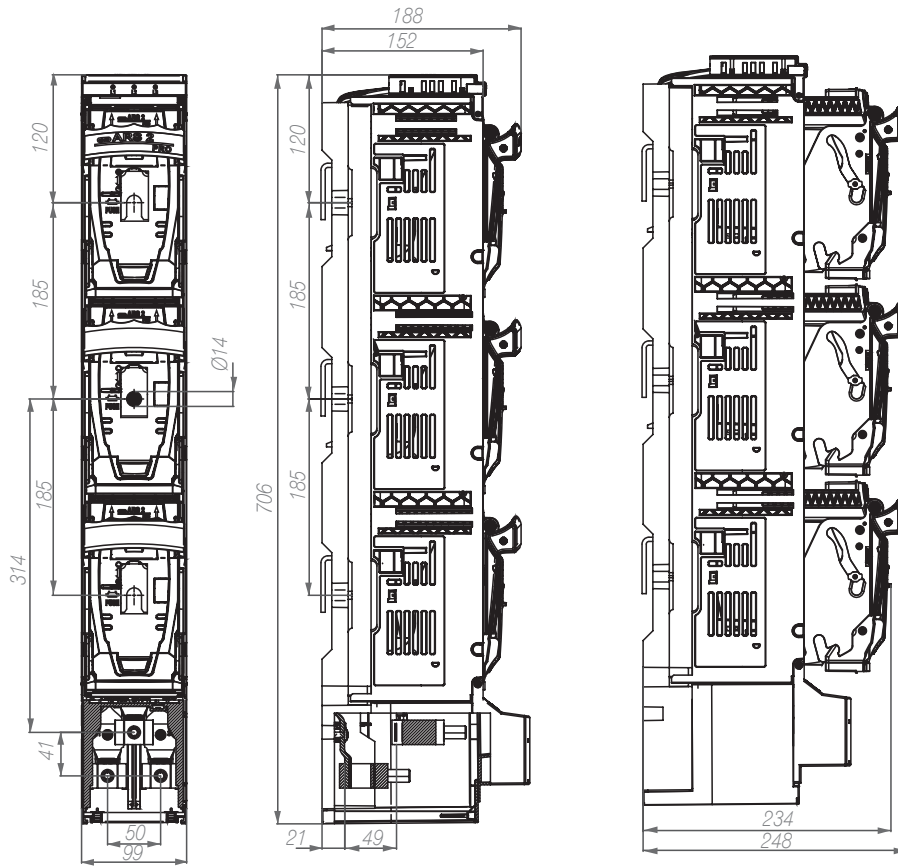
smartARS 2 pro, smartARS 3 pro (without fuse monitoring module)
1-phase



smartARS 2 pro, smartARS 3 pro (without fuse monitoring module)
RWS 600 pro, RWS 750 pro
3-phase



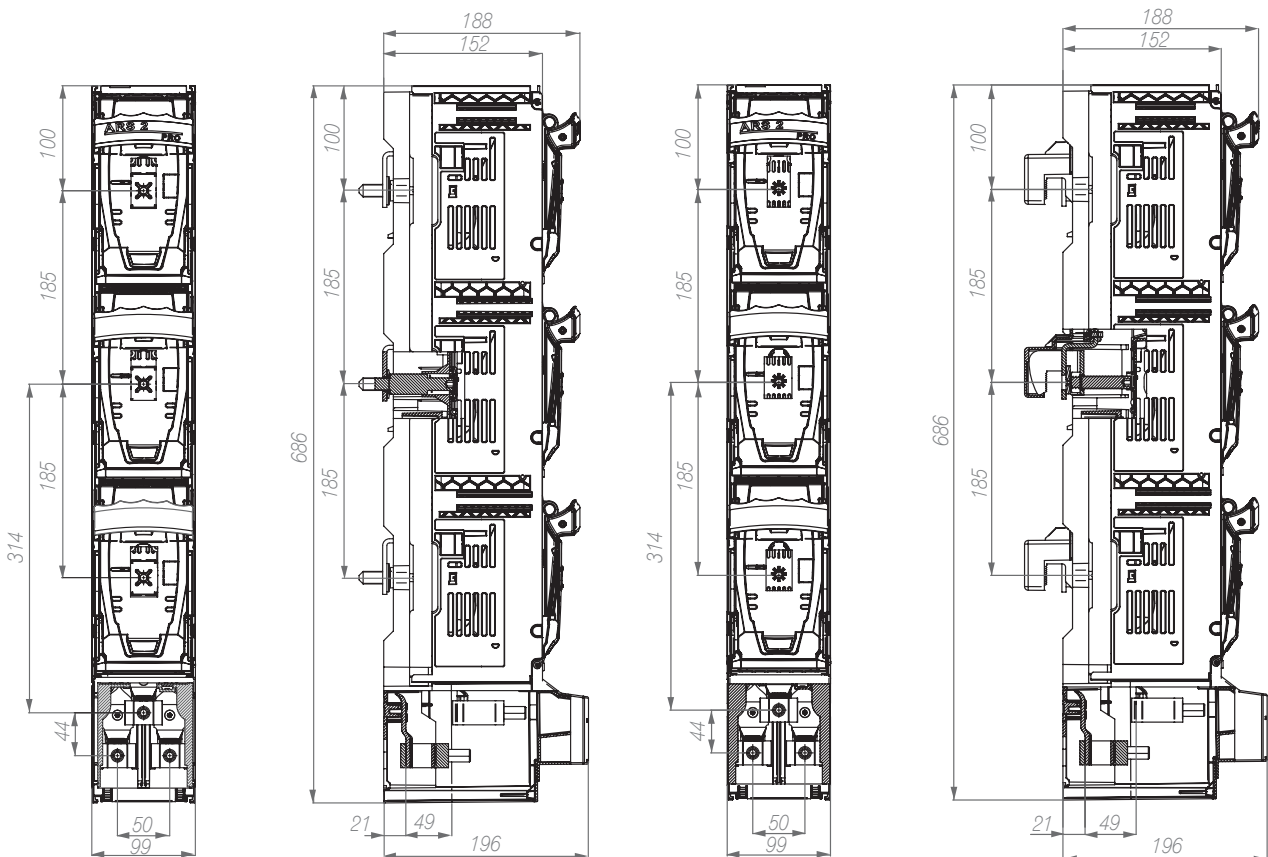
smartARS 2 pro, smartARS 3 pro with fuse monitoring module



smartARS 2 pro, smartARS 3 pro equipped with modules for fast and safe installation using PPN technology

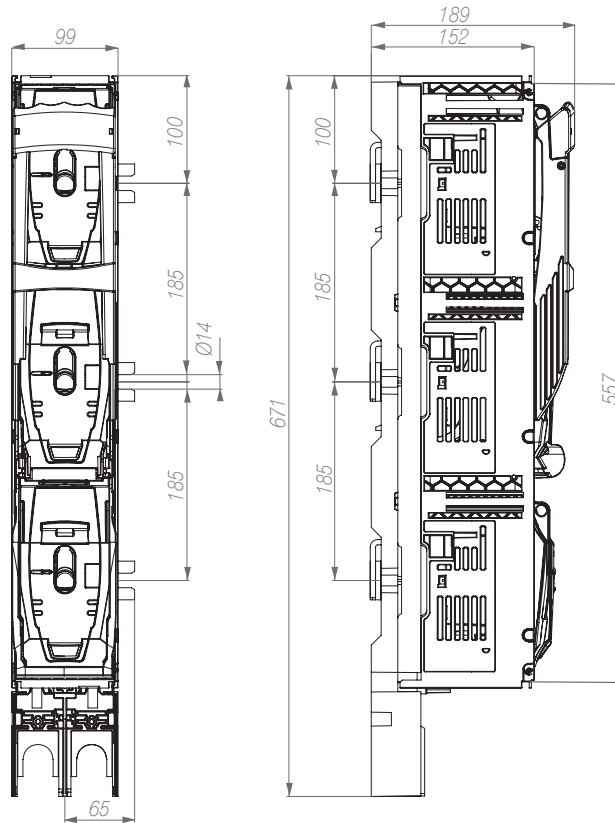
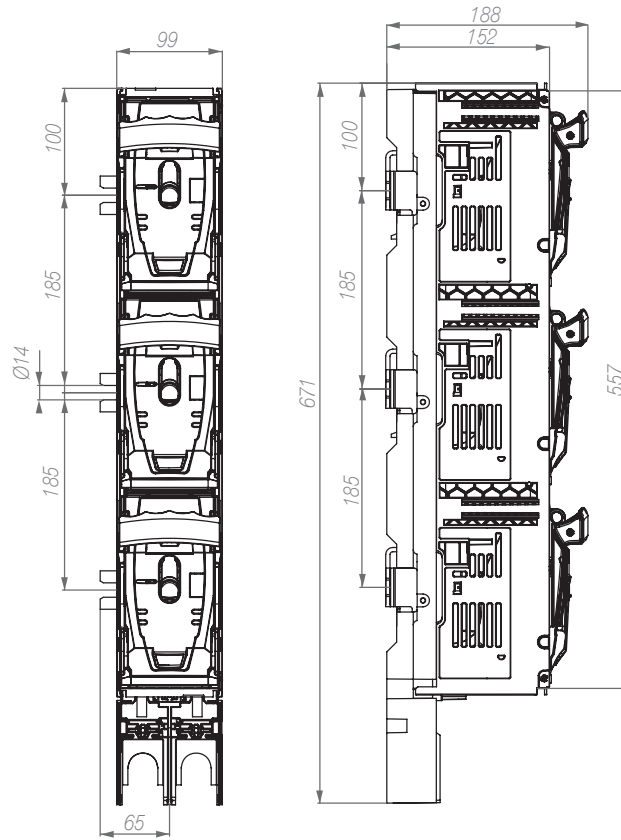
fast installation modules equipped with screws

fast installation modules equipped with hooked clamps

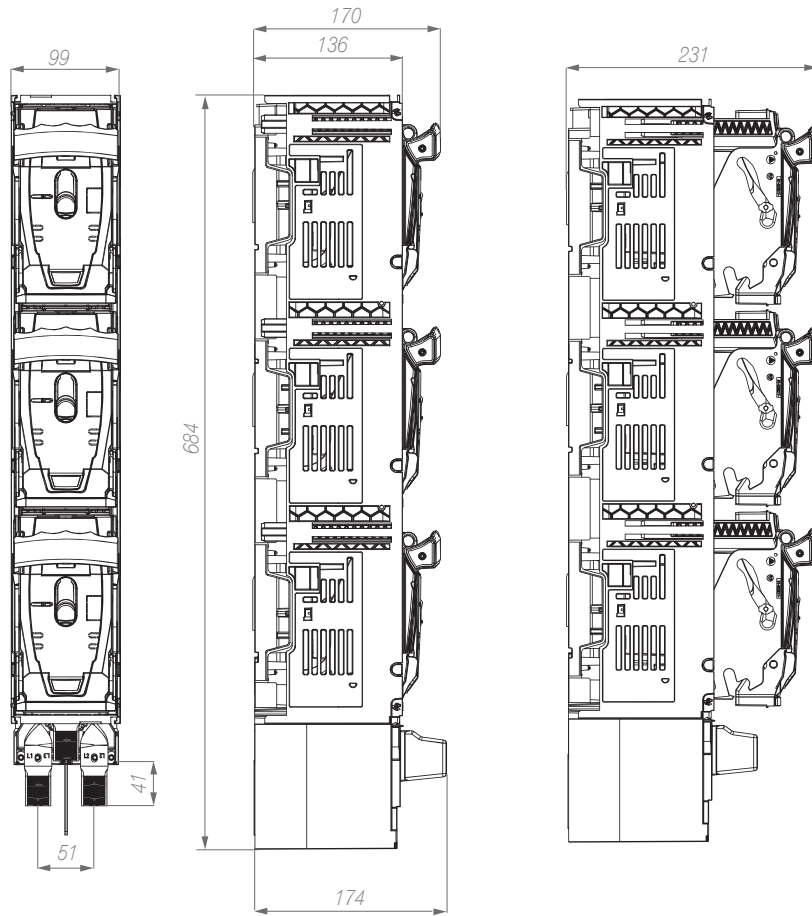




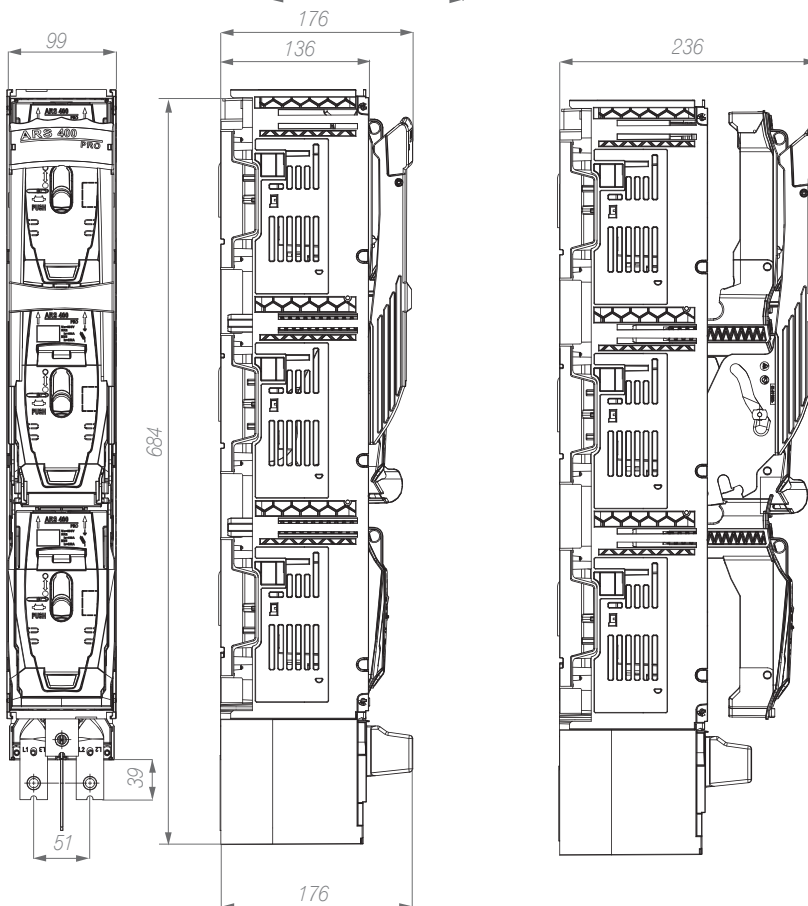
smartARS 2 pro, smartARS 3 pro with lateral busbar terminals



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

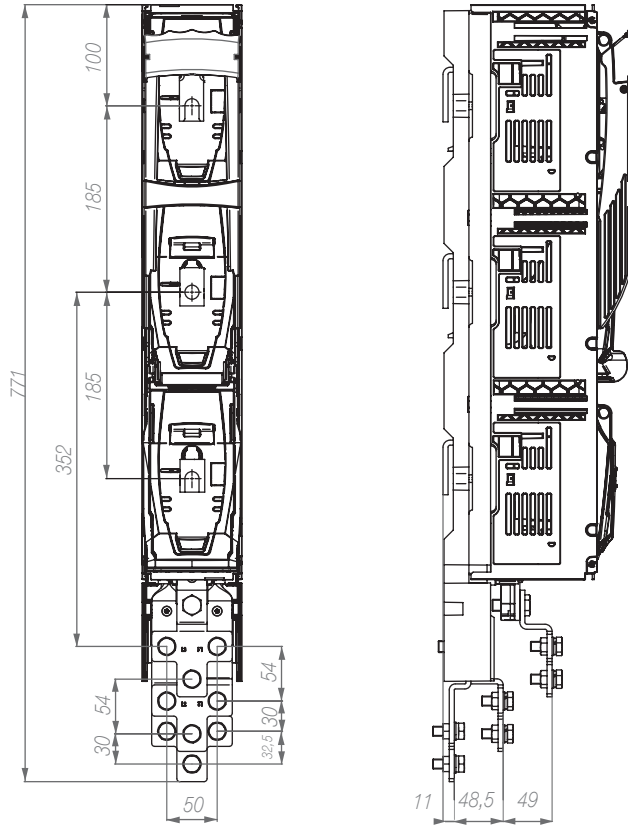


3-phase

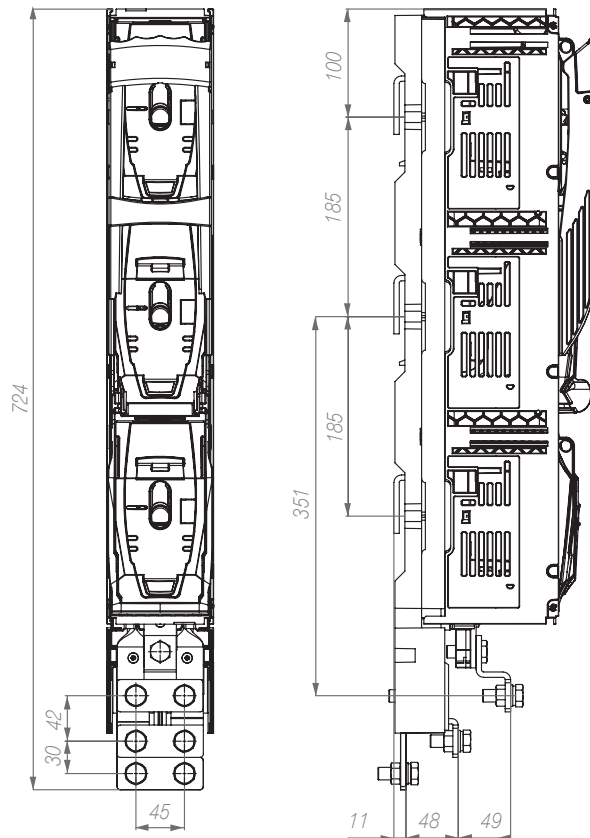




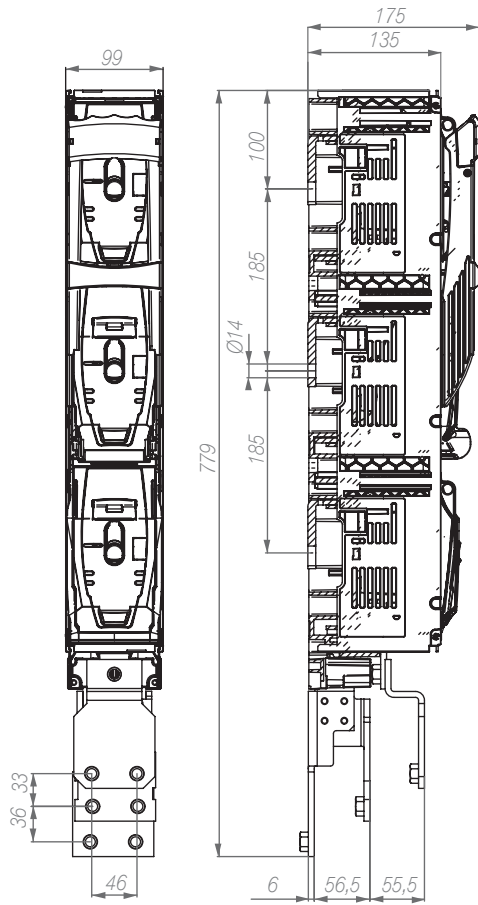
TERMINALS 3x120 mm²



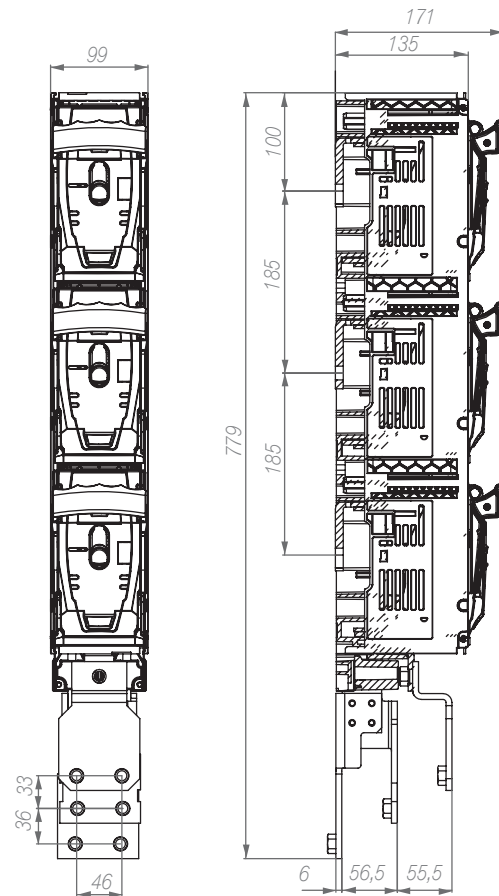
TERMINALS 2x240 mm²



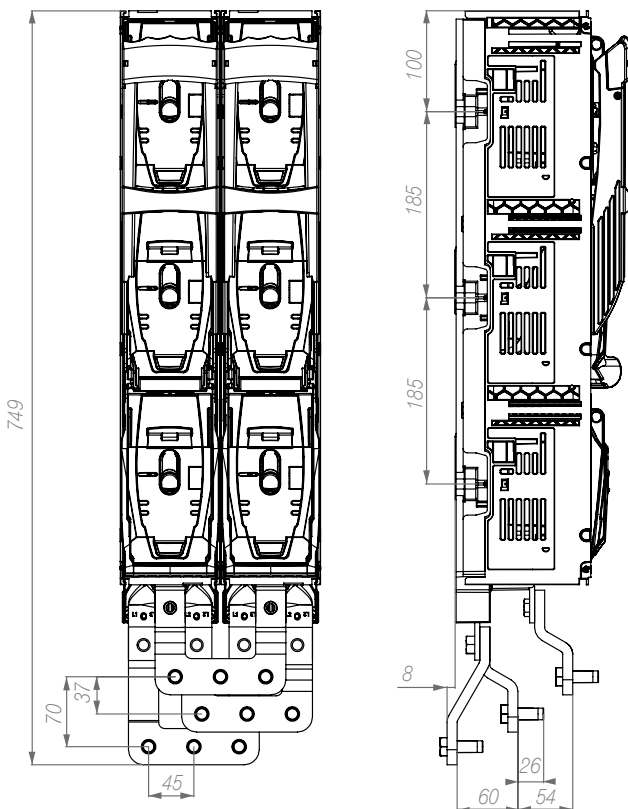
ARS 630 kVA pro, RWS 1250 pro
3-phase



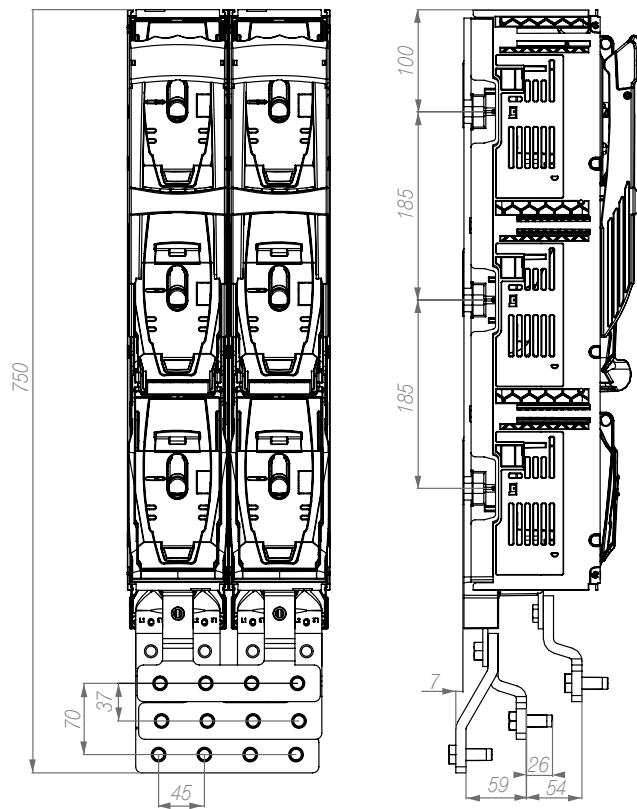
ARS 630 kVA pro
1-phase



ARS 1250-6-3M pro

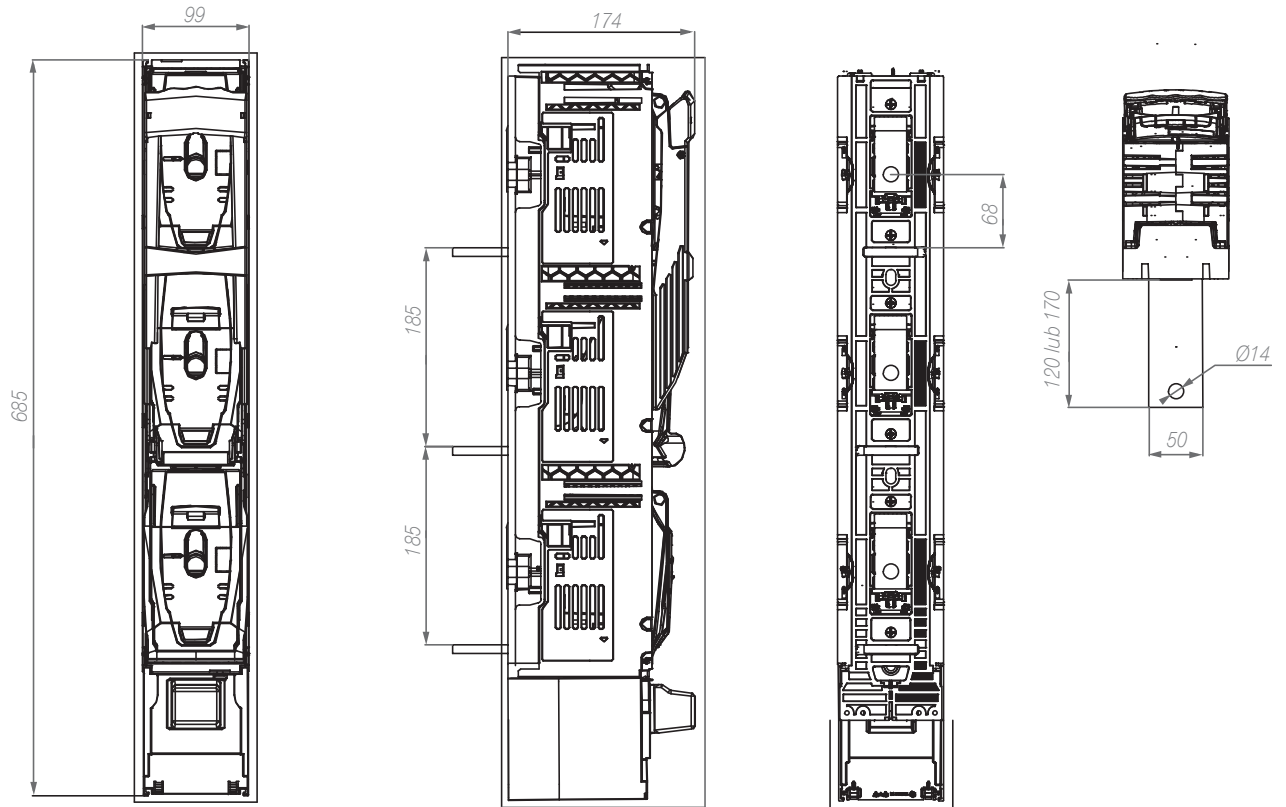


ARS 1250-6-4M pro

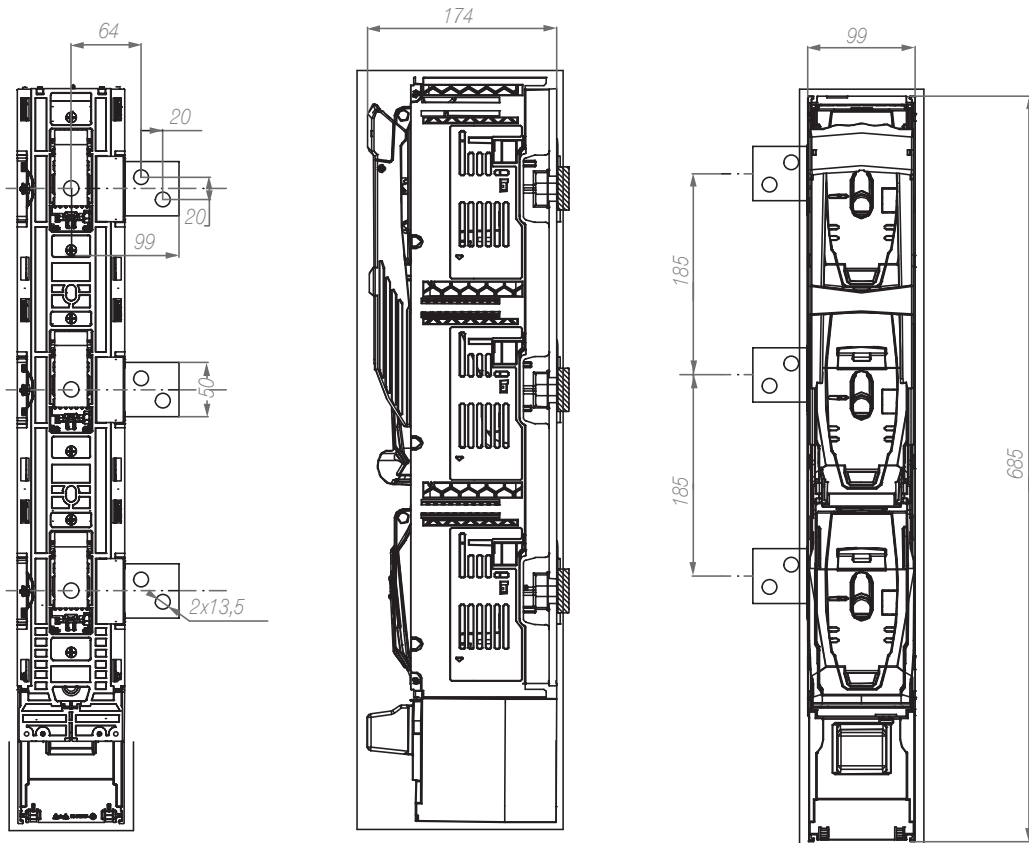



































RWS 1250-NT pro



RWS 1250-NL pro



ARS 00, ARS 00/100 mm, smartARS 00 pro, ARS 00/100mm pro				
00 - M	M8 terminal screw, for connection of conductors with lug terminal (set - 3 pcs.)			
1361400006T	Busbar shroud (polycarbonate) for busbar system 185 mm, Width 50 mm, length 562 mm, thickness 3 mm			
1361400001T	Isolating pin for fixing the 50 mm busbar shroud, M8 (set - 2 pcs.)			
	Current transformer APA-W10 Accuracy class 1; 0,5 Ratios: 125/5 A, 150/5 A Technical parameters in the catalogue: "Low voltage current transformers".			
1115718010T	Distance sleeve for current transformer APA-W10 (Length 36 mm, outer diameter = 22,5 mm, inner diameter = 12,5 mm)			
00 - S	S-Bridge clamp – fixed with 2 x M5 screw - for connection of conductors with cross-section 4 mm ² up to 70 mm ² (set - 3 pcs.)			
00 - SV/1115281034	V-shape clamp – S-bridge clamp + V-shape saddle - for connection of sector-shaped conductors with cross-section 1,5 up to 70 mm ² (stranded) or 95 mm ² (solid) (set - 3 pcs.)			
1115281041T	Universal earthing device for ARS 00, 1, 2, 3			
25-120 SW 1119510008T	V- clamp 25-120 SW. For connection of conductor with cross-section:			
	<table border="1"> <tr> <td>16 - 95 mm² ●</td> <td>16 - 95 mm² ⊗</td> </tr> <tr> <td>25 - 120 mm² ◆</td> <td>25 - 120 mm² ⊠</td> </tr> </table>		16 - 95 mm ² ●	16 - 95 mm ² ⊗
16 - 95 mm ² ●	16 - 95 mm ² ⊗			
25 - 120 mm ² ◆	25 - 120 mm ² ⊠			
1119510077T	V- clamp HM-10-120. For connection of conductor with cross-section:			
	<table border="1"> <tr> <td>10 - 70 mm² ●</td> <td>10 - 70 mm² ⊗</td> </tr> <tr> <td>25 - 120 mm² ◆</td> <td>25 - 95 mm² ⊠</td> </tr> </table>		10 - 70 mm ² ●	10 - 70 mm ² ⊗
10 - 70 mm ² ●	10 - 70 mm ² ⊗			
25 - 120 mm ² ◆	25 - 95 mm ² ⊠			
53-9453361-011	Hooked clamps for installation of ARS on to busbar system without drilled holes. (set - 3 pcs.)			
ARS 00/100 mm, ARS 00/100mm pro				
1115296049	Micro switch for fuse link cover position monitoring (0-1) of ARS 00/100mm			
1115281081T	support angle for installation of Busbar shroud			
ARS 00/100 mm, ARS 00/100mm pro				
53-9453333-011	Labelling area			
53-945924-011	Terminal shroud/adjusting shroud. When fixed on top and bottom of ARS 00/100 mm it adjusts it's length and height to length and height of ARS 1, 2, 3 enclosure			
51-823244-011	Extended terminal shroud/adjusting shroud. Together with two shrouds 53-945924-011 it adjusts the length and height of ARS 00/100 mm to that of ARS 1, 2, 3 with terminal shroud			
51-945857-011	Extended terminal shroud/adjusting shroud. When fixed to shroud 53-945924-011 it adjusts the length and height of ARS 00/100 mm to that of ARS 1, 2, 3 with label holder 53-945826-011. It allows installation of ARS 00/100 mm in Prisma enclosures			
1115281021T	Single adapter 100/185 enabling to install ARS 00/100 mm on busbar system 185 mm			
1115281022T	Double adapter 100/185 enabling to install two ARS 00/100 mm units on busbar system 185 mm			
ARS 00, smartARS 00 pro				
51-005241-001 (Nr dot. 1 szt.)	Single distance adapter 185/185. It adjusts front line of ARS 00 and smartARS 00 pro to that of ARS 400 and ARS 400 pro (set - 3 pcs.)			
51-005242-001 (Nr dot. 1 szt.)	Single distance adapter 185/185 for smartARS 00 pro. It adjusts front line of smartARS 00 pro to that of smartARS 2,3 pro (set - 3 pcs.)			
52-945158-011 (Nr dot. 1 szt.)	Double distance adapter 185/185 for busbar system with drilled holes (holes spacing 100 mm). Designed for two ARS 00 and smart ARS 00 pro units. It adjusts front line of ARS 00 and smartARS 00 pro to that of ARS 400 and ARS 400 pro (set - 3 pcs.)			
51-005263-001 (Nr dot. 1 szt.)	Double distance adapter 185/185 for busbar system with drilled holes (holes spacing 100 mm). Designed for two smart ARS 00 pro units. It adjusts front line of smartARS 00 pro to that of smartARS 2,3 pro (set - 3 pcs.)			
53-9453361-041	Hooked clamps (set - 3 pcs.) for smartARS 00 pro with height-hened rails adjusted to front line of smart ARS 2,3 pro			

ARS 400 A, ARS 400 pro, ARS 630 pro, ARS 630, smartARS 2 pro, smartARS 3 pro, ARS 630 kVA pro, ARS 1250 pro		ARS 400 A, ARS 400 pro, ARS 630 pro, ARS 630, smartARS 2 pro, smartARS 3 pro, ARS 630 kVA pro, ARS 1250 pro			
M	M10 terminal screw: for ARS 1 and ARS 2 M12 terminal screw: for ARS 3; for connection of conductors with lug terminal (set- 3pcs)		1361400007T	Busbar shroud (polycarbonate) for busbar system 185 mm, Width 100 mm, length 562 mm, thickness 3 mm	
35-300 SW-B 1119510081T	V- clamp. For connection of conductor with cross-section: 35 - 120 mm ²  35 - 150 mm ²  35 - 240 mm ²  35 - 300 mm ² 		1361400002T	Isolating pin for fixing the 50 mm busbar shroud, M12 (set – 2 pcs.)	
HS 35-300-C 1119510084T	V- clamp. For connection of conductor with cross-section: 35 - 185 mm ²  35 - 240 mm ²  35 - 240 mm ²  35 - 300 mm ² 		51-930272-011	Terminal protective cover	
2/35-300SW-B 1119510082T	Double V-clamp. For connection of two conductors with cross-section: 35 - 185 mm ²  35 - 240 mm ²  35 - 240 mm ²  35 - 300 mm ² 			Current transformer APA-W12 ratios: 125/5 A 150/5 A 200/5 A 300/5 A 400/5 A dimensions: a = 60 mm, b = 30 mm, c = 81 mm Accuracy class* = 1; 0,5; 0,5s; 0,2; 0,2s * -depending on the version Technical parameters in the catalogue: "Low voltage current transformers".	
HS 2/35-240-C 1119510085T	V-clamp HS (steel) for connection of two conductors with cross-section 35 - 185 mm ²  35 - 240 mm ²  35 - 240 mm ²  35 - 300 mm ² 				
53-931200-001	Cable terminal 2x240 mm ² Cable terminal for connection of two cables with lug terminals and cross-section of 240 mm ² to each phase Set contains two M12 screws per terminal and cable terminal shroud. For use with ARS 2 pro, ARS 3 pro, ARS 400 with M terminals		115718010T	Distance sleeve for current transformer APA-W12 Length 36 mm, outer diameter = 22,5 mm, inner diameter = 12,5 mm	
53-931201-001	Cable terminal 3x120 mm ² Cable terminal for connection of three cables with lug terminals and cross-section of 120 mm ² to each phase Set contains three M12 screws per terminal and cable terminal shroud. For use with ARS 2 pro, ARS 3 pro, ARS 400 with M terminals		1115281041T	Universal earthing device for ARS 00, 1, 2, 3	
			53-002331-001	Fuse link cover for ARS 2 with fuse link state indication and monitoring	
			53-002331-002	Fuse link cover for ARS 2 with fuse link state indication and monitoring	
1115281037T	Hooked clamps for installation of ARS 1, 2, 3 on to busbar system without drilled holes (set - 3 pcs.)	