

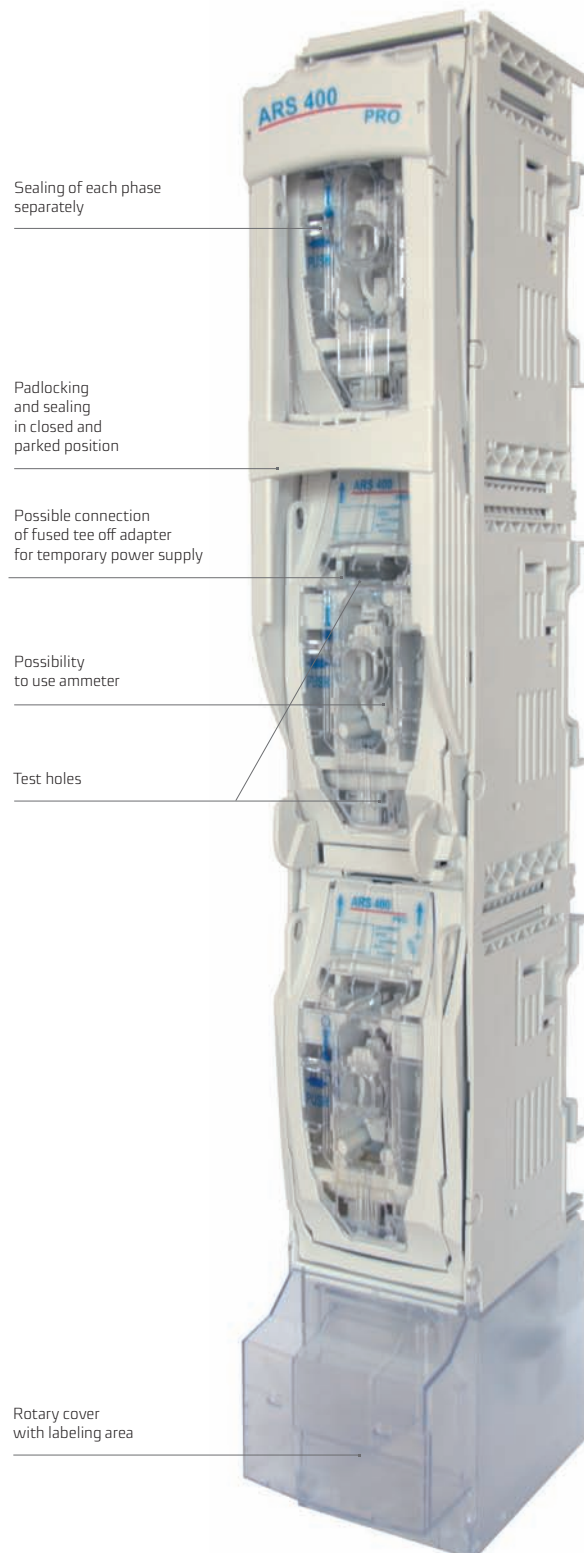
FUSE SWITCH DISCONNECTOR ARS 400 pro (400 A, 690 V)
ARS 630 pro (630 A, 690 V)

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



FUSE SWITCH DISCONNECTOR ARS 630 kVA pro

Fuse switch disconnecter ARS 630 kVA pro is dedicated for protection of transformers up to 630 kVA
 Fuse switch disconnecter is designed for operation with NH fuse links of size 3, with gTr characteristic

Table 28. Technical data

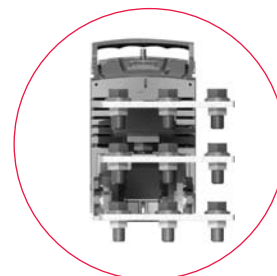
Parameter	ARS 630 kVA pro	
Rated thermal current $I_{th}=I_n$	A	910
Rated voltage U_n	V	400
Utilization category	-	AC-22B
Rated switching voltage U_e	V	400
Rated switching current I_e	A	910
Rated short circuit making current	kA	50
Rated short circuit withstand current	kA	50
Rated insulation voltage U_i	V	1000
Rated impulse withstand voltage $U_{imp.}$	kV	12
Rated frequency	Hz	50-60
Mechanical durability	Number of cycles	600
Electrical durability		100
IP degree of protection	-	30
Weight	kg	8,7
Fuse links size	-	gTr 630 kVA ¹⁾

Accessories on page 54, 55

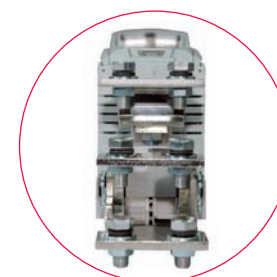
¹⁾ Fuse link gTr 630 kVA, DIN 43620, VDE 0636/2011, size NH3



ARS 630 kVA pro



Cable terminal:
three pressed nuts M12



Cable terminal:
two pressed nuts M12

ARS 630 kVA pro

Table 29. Versions

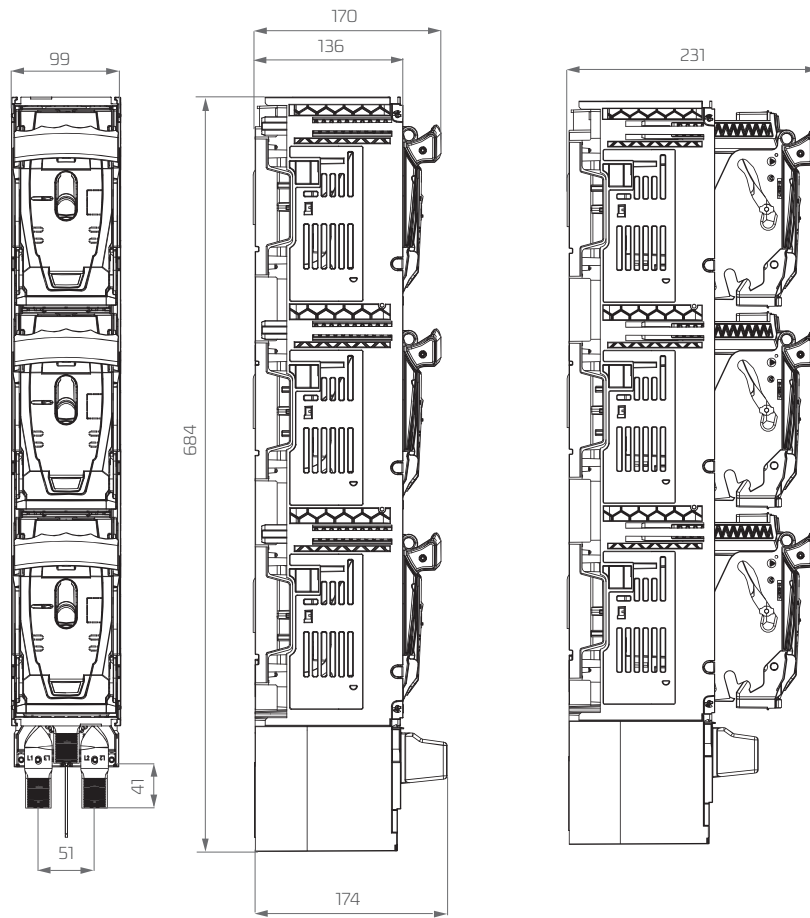
Versions	Article No.
for installation on 185 mm busbar system	
one pole switching - each phase independently	
ARS 630 kVA-1-2M pro cable terminals: screw terminals with two pressed nuts M12/pole, width 100 mm	63-811860-001
ARS 630 kVA-1-3M pro cable terminals: screw terminals with three pressed nuts M12/pole, width 200 mm	63-811860-002
three pole switching - all phases simultaneously	
ARS 630 kVA-6-2M pro cable terminals: screw terminals with two pressed nuts M12/pole, width 100 mm	63-811722-011
ARS 630 kVA-6-3M pro cable terminals: screw terminals with three pressed nuts M12/pole, width 200 mm	63-811722-021

Recommended tightening torque (M12 screw) for screws fixing fuse switch disconnecter to busbar system – 56Nm, screws and nuts property class 8.8.

Table 30. ARS 630 kVA pro terminal clamps

Description	ARS 630 kVA pro
Clamp	pressed nuts M12
Drawing of clamp	
Cross – section of conductors	Cable lugs, max 300 mm ²
Tightening torque	56 Nm

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



3-phase

