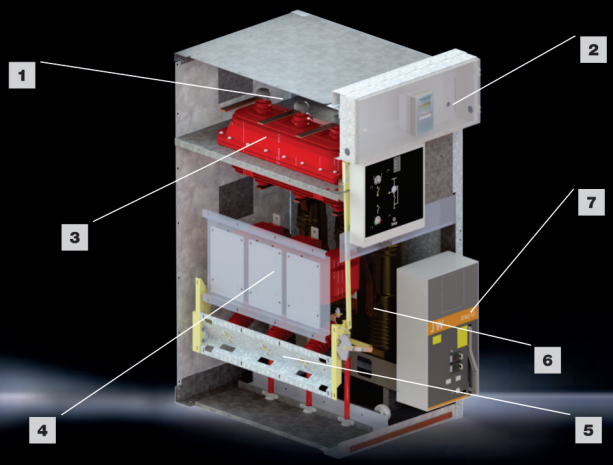
SYStem6 Medium voltage switchboard 12-17,5-24-36kV



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Description

Photo shows a configuration example with equipment not included in the scope of supply.

Material:
Sheet steel
Enclosure: 2.0 mm
Door: 2.5 mm
Mounting plate: 2.0 mm

Surface finish:
Enclosure and Mounting plate:
Zinc-plated
Dipcoat-primed door (s)
Powder-coated in textured

Colour:
Normal RAL 7035 (Standard)
Special RAL 2011

Protection category:
1 door:IP 41 to EN 60 529/09.2000, provided suitable gland plates are selected.

Approvals:
– E.P.I.L
– ISO 9001

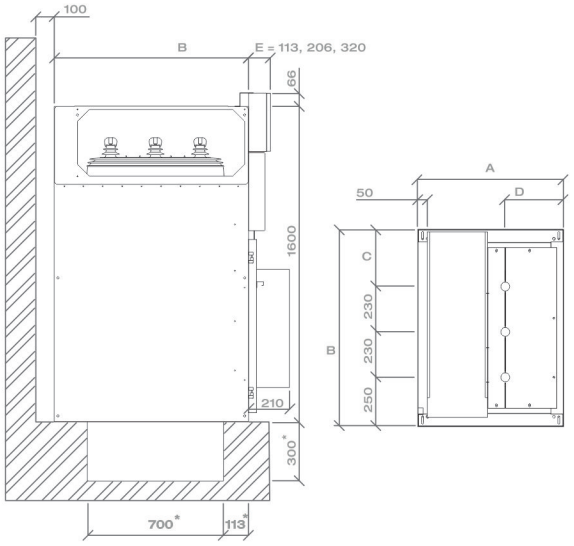
Also required:

Note: Special material can be stainless steel

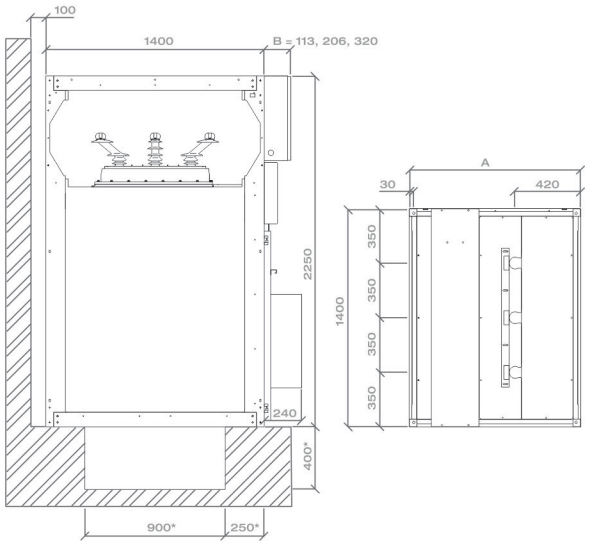
– Enclosure: Stainless steel 1.4301(AISI 1.5 ,304 mm)
Door or double door and console lid: Stainless steel 1.4301(AISI 2.0 ,304 mm)

Dimensional features, fixing and incoming cables

12-17,5-24 kV



36 kV

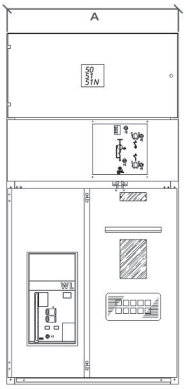


Panel weight (kg)

Type mm	12kV			17.5kV			24kV			36kV		
	375	500	700	375	500	700	375	500	700	750	1100	1500
AR-RS	100			100			100	126		225		
AT								151		240		
I	148			148			150	170		305		
TM	160			160			166	188		320		
ITD			280			280			296			
ITI			355			355			378		605	
ITB									480			
ITI2			410			440			450			910
MV	190	210		190	210			220		270		
MA			287			287			297	475		
MAS			350			350			360			

Dimensions (mm)

kV	A	B	C	D
	375			187.5
12	500	900	190	250
	750			300
17.5	375	900	190	187.5
	500			250
	750			300
24	375	900	190	187.5
	500	1000	290	250
	750			300
36	750	-	-	-
	1100			-
	1500			-



SYStem6 Medium voltage switchboard 12-17,5-24-36kV



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Photo shows a configuration example with equipment not included in the scope of supply.



AS Incoming cable
RS Bus riser

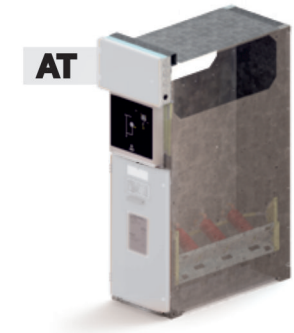
Basic equipment
- Bus bars
- Low voltage auxiliary compartment
- Cables for riser

Optional accessories
- Voltage indicators



Dimensions

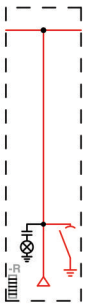
kV	mm			
	375	500	750	1100
12	●			
17.5	●			
24	●	●		
36			●	



AT Incoming with earth switch

Basic equipment
- Bus bars
- Earth switch ST6
- Voltage indicators
- Low voltage auxiliary compartment
- Heater resistance with thermostat

Optional accessories
- Key locks



Dimensions

kV	mm			
	375	500	750	1100
12				
17.5				
24		●		
36			●	



I Incoming or outgoing

Basic equipment
- Bus bars
- On-load switch IM6
- KS operating mechanism
- Earth switch
- Voltage indicators
- Low voltage auxiliary compartment
- Heater resistance with thermostat

Optional accessories
- KP operating mechanism
- Tripping coil (KP operating mechanism)
- Motor operating mechanism KSM
- Auxiliary contacts
- Key locks



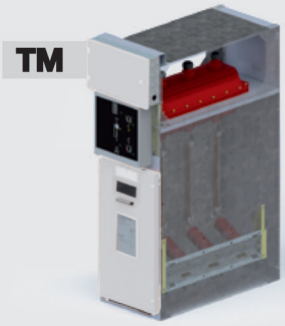
Dimensions

kV	mm			
	375	500	750	1100
12	●			
17.5	●			
24	●	●		
36			●	

SYStem6 Medium voltage switchboard 12-17,5-24-36kV



Photo shows a configuration example with equipment not included in the scope of supply.



TM Feeder with on-load switch-fuse

Basic equipment
- Bus bars
- On-load switch-fuse IM6P-TF
- KP operating mechanism
- Tripping coil (KP operating mechanism)
- Automatic tripping device when fuse blow-up
- 3 striker fuses
- Earth switch at the top and at the bottom of the fuses
- Voltage indicators
- Low voltage auxiliary compartment
- Heater resistance with thermostat

Optional accessories
- KS operating mechanism
- Auxiliary contacts
- Auxiliary contacts for fuse blow-up
- Key locks



Dimensions

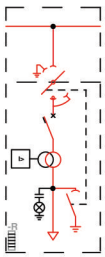
kV	mm			
	375	500	750	1100
12	●			
17.5	●			
24	●	●		
36			●	



ITD Feeder with vacuum circuit breaker with CT and self powered relay

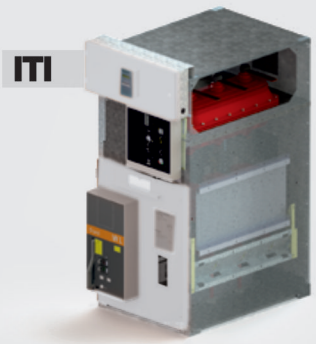
Basic equipment
- Bus bars
- On-load switch IM6-TD
- KS operating mechanism
- Automatic circuit breaker with integrated protection and tripping coil
- 3 current transformers
- Earth switch at the top and the bottom of the circuit breaker
- Voltage indicators
- Heater resistance with thermostat
- Low voltage auxiliary compartment

Optional accessories
- Auxiliary contacts
- Key locks
- Motor operating mechanism for automatic circuit breaker



Dimensions

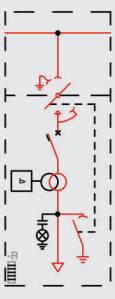
kV	mm			
	375	500	750	1100
12			●	
17.5			●	
24			●	
36				



ITI Feeder with vacuum circuit breaker with CT and indirect relay

Basic equipment
- Bus bars
- On-load switch IM6S-TD
- KS operating mechanism
- Automatic circuit breaker with tripping coil
- Earth switch at the top and the bottom of the circuit breaker
- Voltage indicators
- 3 current transformers
- Microprocessor secondary protection
- Heater resistance with thermostat
- Low voltage auxiliary compartment

Optional accessories
- Auxiliary contacts
- Key locks
- Motor operating mechanism for automatic circuit breaker



Dimensions

kV	mm			
	375	500	750	1100
12			●	
17.5			●	
24			●	
36				●

SYStem6 Medium voltage switchboard 12-17,5-24-36kV

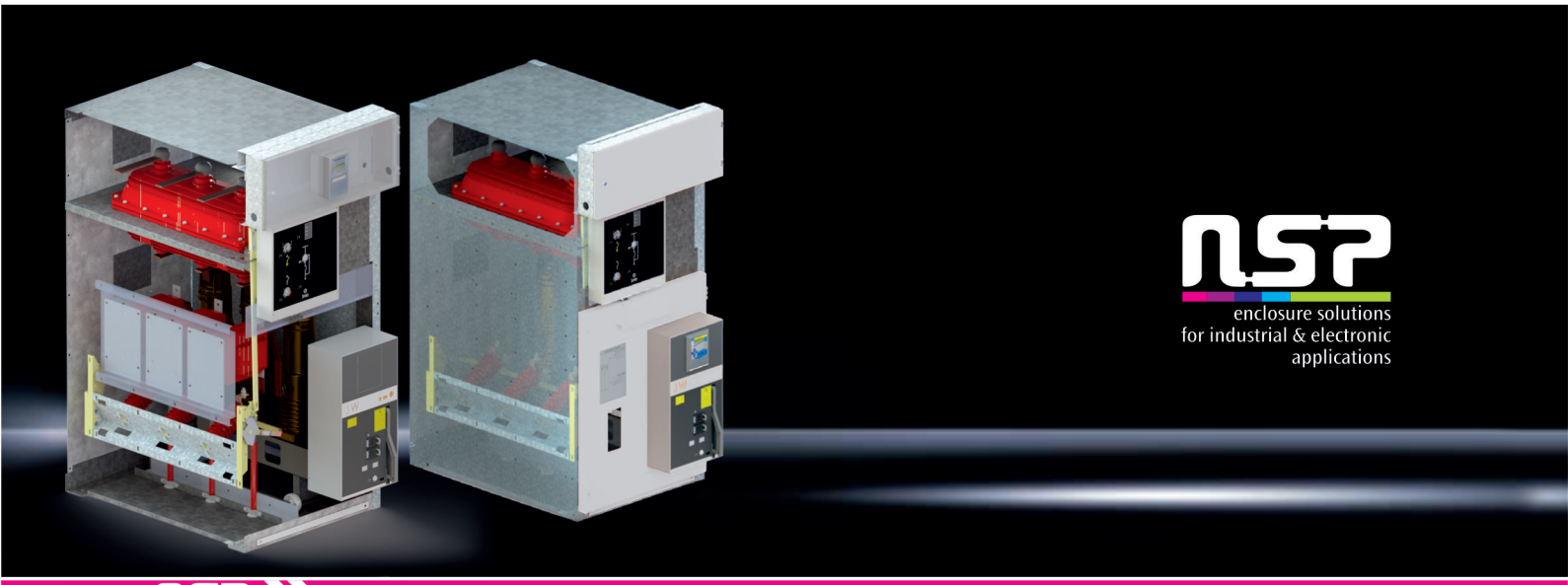


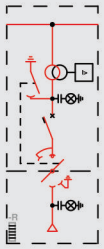
Photo shows a configuration example with equipment not included in the scope of supply.



ITB Reverse feeder with vacuum circuit breaker, CT and indirect relay

Basic equipment
- Bus bars
- On-load switch IM6SC-TD
- KS operating mechanism
- Automatic circuit breaker with tripping coil
- Earth switch at the top and the bottom of the circuit breaker
- Voltage indicators
- 3 current transformers
- Microprocessor secondary protection
- Heater resistance with thermostat
- Low voltage auxiliary compartment

Optional accessories
- Auxiliary contacts
- Key locks
- Motor operating mechanism for automatic circuit breaker
- 3 voltage transformers



Dimensions

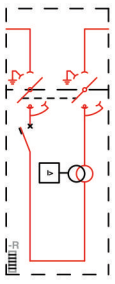
kV	mm			
	375	500	750	1100
12				
17.5				
24			●	
36				



ITI2 Unit with double switch-disconnector with vacuum circuit breaker, CT and indirect relay

Basic equipment
- Bus bars
- On-load switch IM6S-2
- KS operating mechanism
- Automatic circuit breaker with tripping coil
- Earth switch at the top and the bottom of the circuit breaker
- 3 current transformers
- Microprocessor secondary protection
- Heater resistance with thermostat
- Low voltage auxiliary compartment

Optional accessories
- Auxiliary contacts
- Key locks
- Motor operating mechanism for automatic circuit breaker
- 3 voltage transformers



Dimensions

kV	mm			
	375	500	750	1100
12			●	
17.5			●	
24			●	
36				●



MV Metering with VT

Basic equipment
- Bus bars
- On-load switch IM6S-F
- KS operating mechanism
- 3 fuse bases with fuses MV side
- 3 voltage transformers
- Heater resistance with thermostat
- Low voltage auxiliary compartment

Optional accessories
- Auxiliary contacts
- Terminal set for seal



Dimensions

kV	mm			
	375	500	750	1100
12	●	●		
17.5	●	●		
24		●		
36			●	

SYStem6 Medium voltage switchboard 12-17,5-24-36kV



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Photo shows a configuration example with equipment not included in the scope of supply.

MA



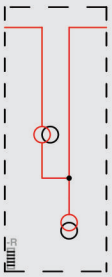
MA Metering with CT and VT

Basic equipment

- Bus bars
- 3 voltage transformers
- 3 current transformers
- Heater resistance with thermostat
- Low voltage auxiliary compartment

Optional accessories

- Terminal set for seal



Dimensions

kV	mm			
	375	500	750	1100
12			●	
17.5			●	
24			●	
36			●	

MAS



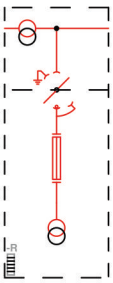
MAS Metering with CT, VT and switch

Basic equipment

- Bus bars
- On-load switch IM6S-TF
- KS operating mechanism
- 3 fuse bases with fuses MV side
- 3 voltage transformers
- 3 current transformers
- Heater resistance with thermostat
- Low voltage auxiliary compartment

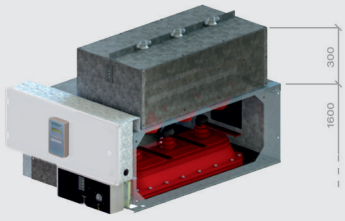
Optional accessories

- Auxiliary contacts
- Terminal set for seal



Dimensions

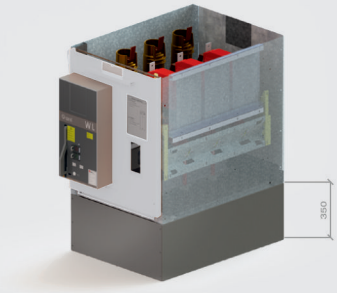
kV	mm			
	375	500	750	1100
12			●	
17.5			●	
24			●	
36				



Upper box for above incoming cables

Cassonetto arrivo cavi dall'alto

Compartiment pour arrivée des câbles du haut



Baseboard for compartments alignments or incoming cables way

Zoccolo per allineamento scomparti o impiegato come cunicolo cavi

Socle pour l'alignement des compartiments ou utilisés comme un tunnel de câbles