



All Round
Supplies

Essential Energy

Medium Voltage Switchgear Terminations

Version 1

Contents

04



ABB SafeLink

10



EFACEC Fluofix

12



Hazemeyer/Magnefix

06



ABB SafeRing

08



ABB SDAF

14



Rotary

16



Schneider RM6

1) ABB SafeLink



Side View

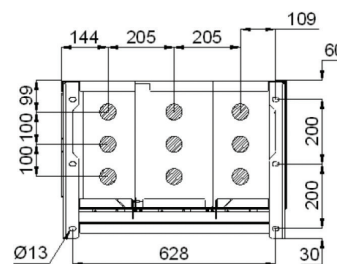
Rear total height = 1350mm

Front total width = 705mm

Front to rear bushings



Bushing Layout



SafeLink Cable Termination

Cable Size	Barrier Boot	Termination
35 – 95mm ² AL	02334 	3 x 09242 (Single Core Termination) 
95 – 240mm ² AL	02334 	3 x 09243 (Single Core Termination) 
300mm ² AL	02334 	3 x TBA (Single Core Termination) 

Important Notes:

- Maximum cable size permitted to be installed on this switchgear is 300mm² AL/CU
- Trifurcation kit requirements:
 - TBA, 35 – 95mm² 3-Core XLPE
 - 09241, 95 – 240mm² 3-Core XLPE
 - TBA, 300 – 500mm² 3-Core XLPE

2) ABB SafeRing

Switch
Manufacturer
(ABB)



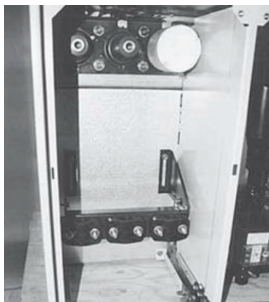
Switch type
(SafeRing)

11 – 22kV
rated unit

Side View

Rear

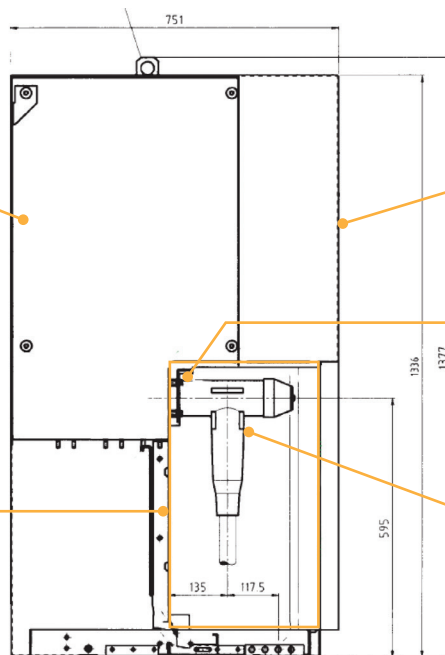
Horizontal front-
mounted bushing



Front

Type 'C' 630amp
bushing

Cable termination



SafeRing 11/22kV Cable Termination



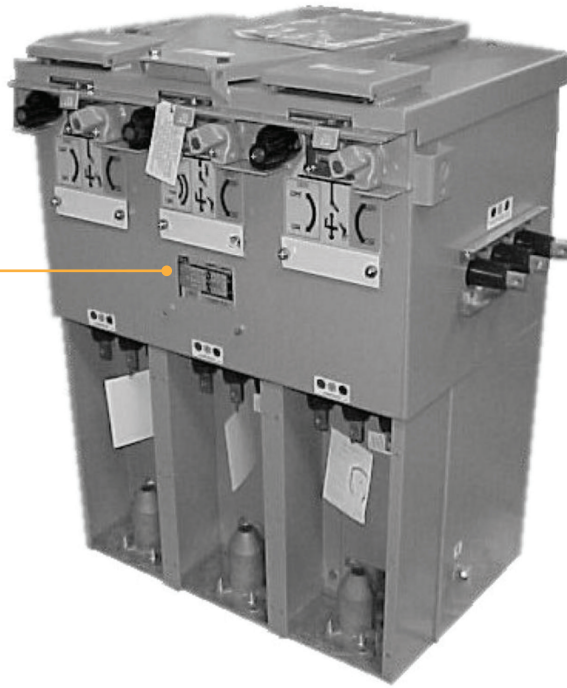
Cable Size	11kV Part Number	22kV Part Number
35mm ² AL	09116	09121
95mm ² AL	09117	09122
240mm ² AL	09118	09123
300mm ² AL	09119	–
500mm ² AL	09120	–

Important Notes:

1. Trifurcation kit is provided with the kit
2. Kit has all the components for a 3-core cable termination

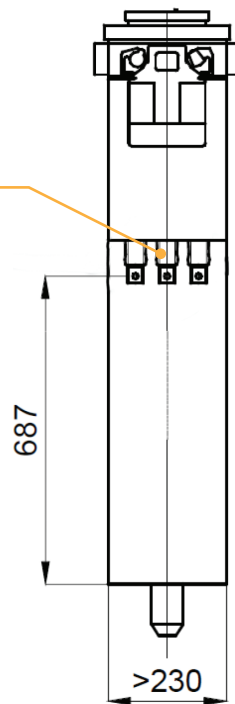
3) ABB SDAF

Manufacturer
details and name
plate



Side View

Bushing may be front to
back or left to right



SDAF Cable Termination



Cable Size	11kV Part Number	Notes
35mm ² AL	TBA	Kit contains all components shown in image
95mm ² AL	TBA	Kit contains all components shown in image
240mm ² AL	TBA	Kit contains all components shown in image
300mm ² AL	TBA	Kit contains all components shown in image

Important Notes:

- Maximum cable size permitted to be installed on this switchgear is 300mm² AL/CU
- Trifurcation kit requirements:
 - TBA, 35 – 95mm² 3-Core XLPE
 - 09241, 95 – 240mm² 3-Core XLPE
 - TBA, 300 – 500mm² 3-Core XLPE

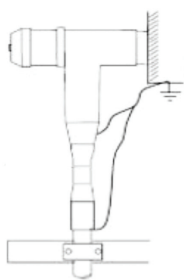
4) EFACEC Fluofix

Switch
manufacturer
11 – 22kV rated



Switchgear
type

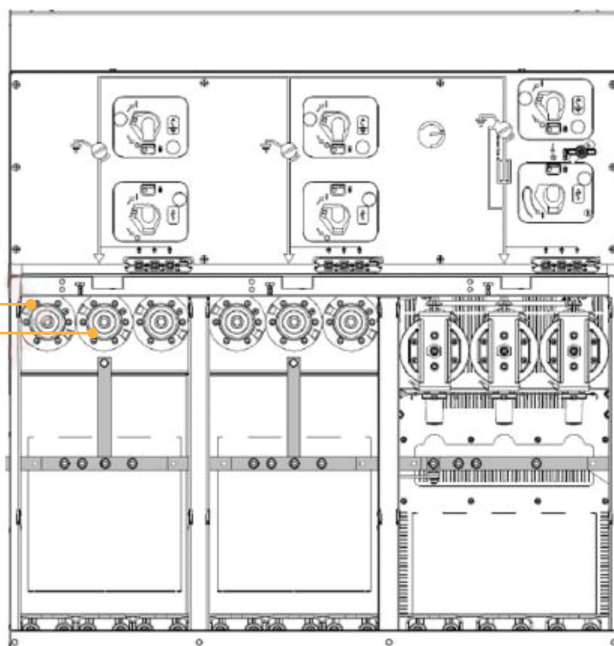
Side View



Termination
type



630 Amp
busing layout



Fluofix 11/22kV Cable Termination



Cable Size	11kV Part Number	22kV Part Number
35mm ² AL	09116	09121
95mm ² AL	09117	09122
240mm ² AL	09118	09123
300mm ² AL	09119	-
500mm ² AL	09120	-

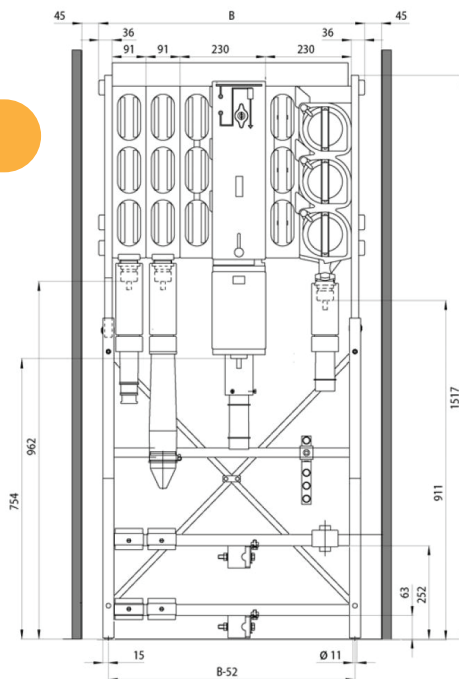
Important Notes:

1. Trifurcation kit is provided with the kit
2. Kit has all the components for a 3-core cable termination

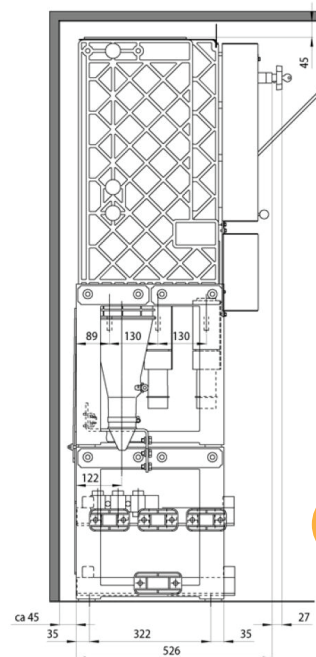
5) Hazemeyer/Magnefix



Front View



Side View



Hazemeyer/Magnefix Cable Termination



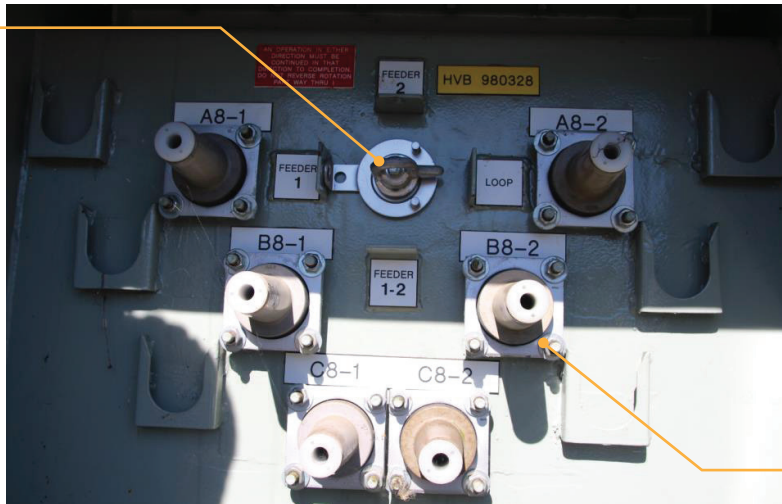
Cable Size	11kV Part Number	Notes
35mm ² AL	TBA	Kit contains all components shown in image
95mm ² AL	TBA	Kit contains all components shown in image
240mm ² AL	TBA	Kit contains all components shown in image

Important Notes:

1. Where a site is considered high pollution/moisture area termination rings need to be tight and NP27 (09244) or NP28 (TBA) kit should be used instead of the barriers specified above.
2. Maximum cable size permitted to be installed on this switchgear is 240mm² AL/CU
3. Where 300mm² paper cable is installed, it shall be replaced with a transition joint and a 240mm²
4. Outer clear covers will need to be installed over all termination kits (included in kit)
5. Trifurcation kit requirements:
 - i. TBA, 35 – 95mm² 3-Core XLPE
 - ii. 09241, 95 – 240mm² 3-Core XLPE

6) Rotary

Rotary switch



Bushings

Front-mounted fuses



Top-mounted fuses



Rotary 11kV Cable Termination



Cable Size	Barrier Boot
35mm ² AL	TBA
50mm ² CU	TBA
95mm ² AL	TBA
120mm ² AL	TBA

Important Notes:

1. Maximum cable size permitted to be installed on this switchgear is 120mm² AL/CU
2. Trifurcation kit requirements:
 - i. TBA, 35 – 95mm² 3-Core XLPE
 - ii. 09241, 95 – 240mm² 3-Core XLPE

7) Schneider RM6

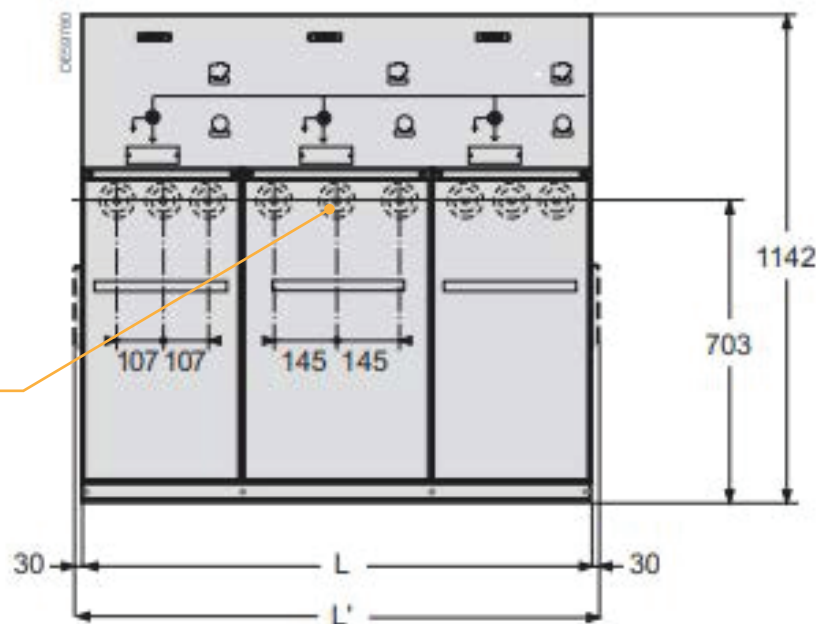
Switchgear
manufacturer
11 – 22kV rated



Cable box

Front View

Horizontal
'C-type' bushings



630 Amp C-type Schneider RM6 11/22kV Cable Termination



Cable Size	11kV Part Number	22kV Part Number
35mm ² AL	09116	09121
95mm ² AL	09117	09122
240mm ² AL	09118	09123
300mm ² AL	09119	-
500mm ² AL	09120	-

Important Notes:

1. Trifurcation kit is provided with the kit
2. Kit has all the components for a 3-core cable termination

400 Amp B-type Schneider RM6 11/22kV Cable Termination



Cable Size	11kV Part Number
35mm ² AL	TBA
95mm ² AL	05249
240mm ² AL	05362

Important Notes:

1. Trifurcation kit is provided with the kit
2. Kit has all the components for a 3-core cable termination



TYPICAL UTILITY UNDERGROUND NETWORK

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