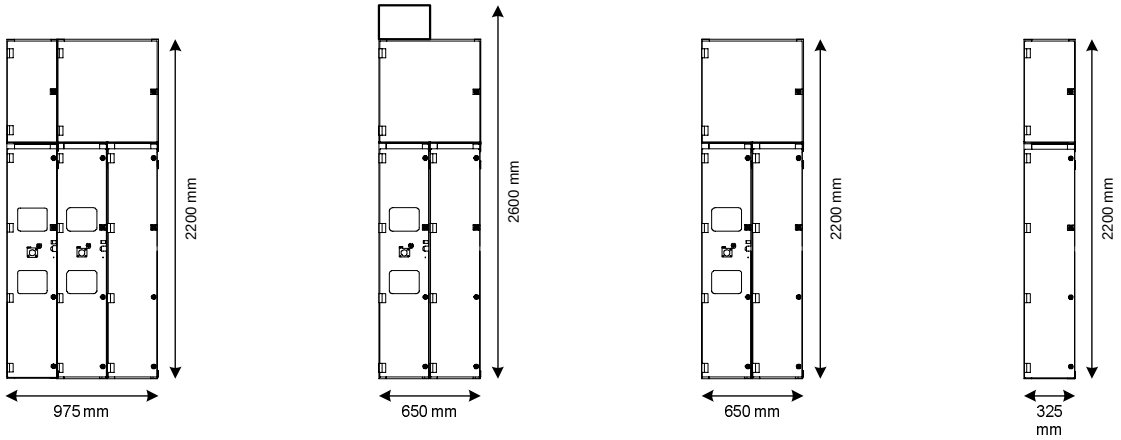
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Front View

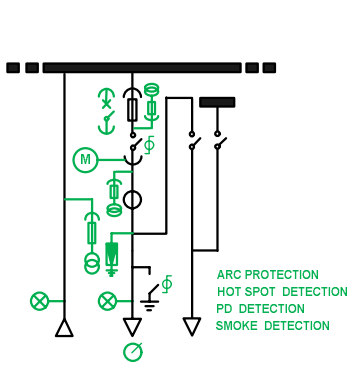


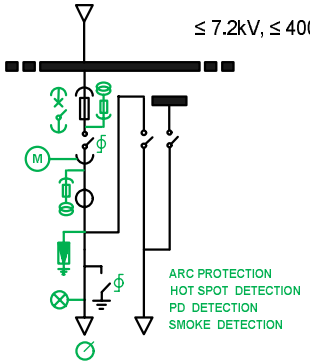
Max. panel depth
Bottom Power cable entry = 1304 mm
Top Power cable entry = 1790 mm

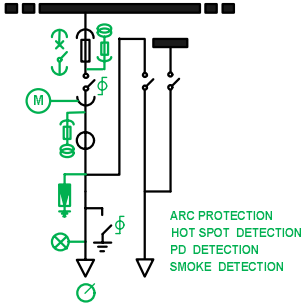
Legend
- Standard design
- Optional feature

Single Line Diagram

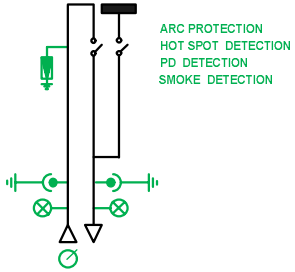
≤ 7.2kV, ≤ 4000A main bus, ≤ 50kA/3sec, Choice of 200A, 400A or 600A starter (Higher rating on request up to 2000A)







* Variant D6. Line fused contactor by upstream MCC switchboard.



Equipment Schedule

Variant	A6		
Panel no.	1	2	3
Description	Inc.	Line	Y/Δ
Interrupter	-	Vacuum	
Design standard	IEC / AS		
Arc fault containment	AFLR / AFL		
Loss of service continuity	LSC2A		
Partition class	PM		
Degree of protection	IP4X / IP65		
Power cable entry / exit	Bottom or Top		
Min. installation requirement	Rear access for Top power cable entry		
Installation version	Indoor / Outdoor		
Marine version	No / Yes		

B6	
1	2
Inc. & Line	Y/Δ
Vacuum	
IEC / AS	
AFL	
LSC2A	
PM	
IP4X / IP65	
Top / Bottom or Top	
Rear access	
Indoor / Outdoor	
No / Yes	

C6	
1	2
Line	Y/Δ
Vacuum	
IEC/AS	
AFLR / AFL	
LSC2A	
PM	
IP4X / IP65	
- / Bottom or Top	
Rear access for Top power cable entry	
Indoor / Outdoor	
No / Yes	

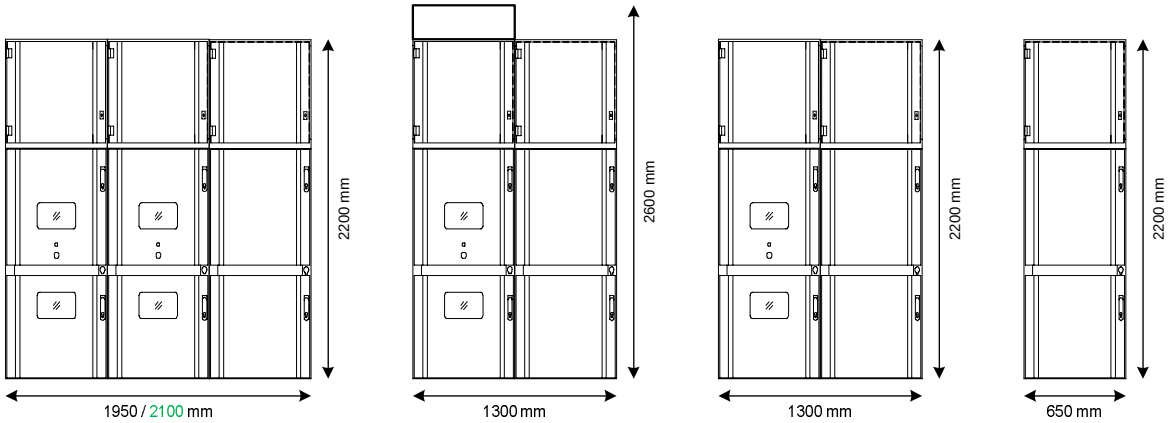
D6
1
Y/Δ
Vacuum
IEC / AS
AFLR / AFL
LSC2A
PM
IP4X / IP65
Bottom or Top
Rear access
Rear access
No / Yes

Disclaimer: The shown product pictures are mainly for illustration of the proposed functionalities.
The supplied goods might look different from the illustrations shown

		Date	5 March 11	Scale	NTS	ZVC Star-Delta (Y/Δ) Starter						
ABB Australia Pty Limited.	PANEL PROGRAM	Dwg #	1VGA674112	Rev.	B	Sh.	1	Dwn	JO	Chk	SC	ABB

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Front View

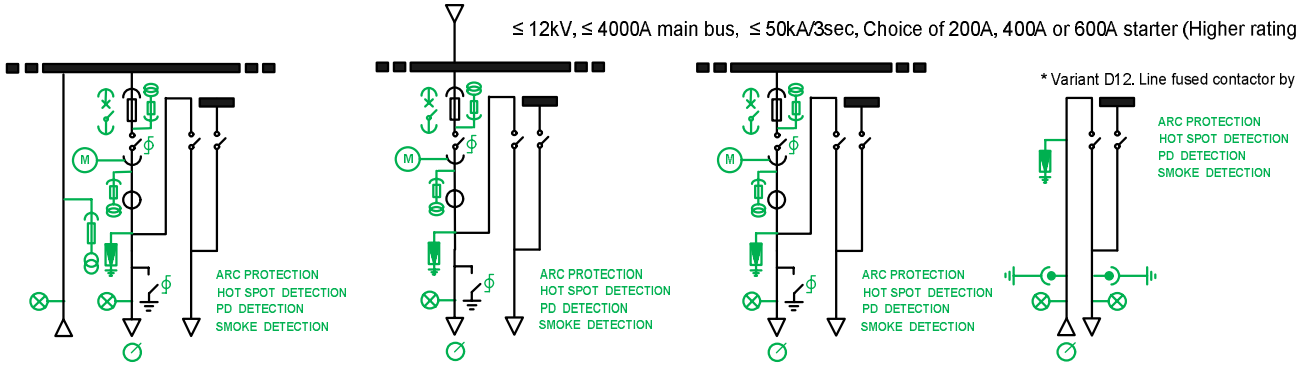


Max. panel depth
Bottom Power cable entry = 1340 mm
Top Power cable entry = 1790 mm

Legend
- Standard design
- Optional feature

Single Line Diagram

≤ 12kV, ≤ 4000A main bus, ≤ 50kA/3sec, Choice of 200A, 400A or 600A starter (Higher rating on request up to 2000A). 15kV version on request.



* Variant D12. Line fused contactor by upstream MCC switchboard.

Equipment Schedule

Variant	A12		
Panel no.	1	2	3
Description	Inc.	Line	Y/Δ
Interrupter	-	Vacuum	Vacuum
Design standard	IEC / AS		
Arc fault containment	AFLR / AFL		
Loss of service continuity	LSC2A		
Partition class	PM		
Degree of protection	IP4X / IP65		
Power cable entry / exit	Bottom or Top		
Min. installation requirement	Rear access for Top power cable entry		
Installation version	Indoor / Outdoor		
Marine version	No / Yes		

B12	
1	2
Inc. & Line	Y/Δ
Vacuum	
IEC / AS	
AFL	
LSC2A	
PM	
IP4X / IP65	
Top / Bottom or Top	
Rear access	
Indoor / Outdoor	
No / Yes	

C12	
1	2
Line	Y/Δ
Vacuum	
IEC / AS	
AFLR / AFL	
LSC2A	
PM	
IP4X / IP65	
- / Bottom or Top	
Rear access for Top power cable entry	
Indoor / Outdoor	
No / Yes	

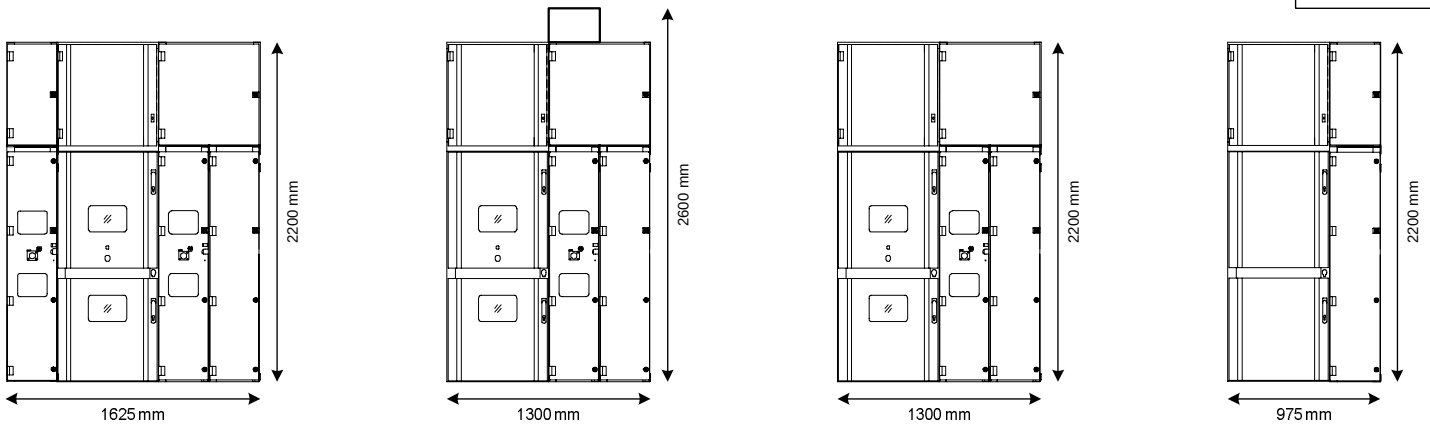
D12
1
Y/Δ
Vacuum
IEC / AS
AFLR / AFL
LSC2A
PM
IP4X / IP65
Bottom or Top
Rear access
Rear access
No / Yes

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The supplied goods might look different from the illustrations shown

		Date	5 March 11	Scale	NTS	ZVC Star-Delta (Y/Δ) Starter						
ABB Australia Pty Limited.	PANEL PROGRAM	Dwg #	1VGA674112	Rev.	B	Sh.	2	Dwn	JO	Chk	SC	ABB

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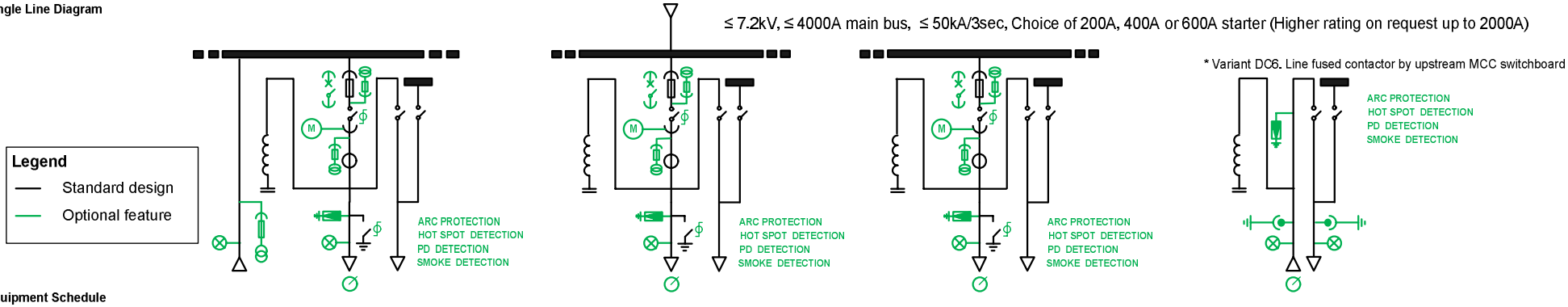
Front View



Max. panel depth
Bottom Power cable entry = 1340 mm
Top Power cable entry = 1790 mm

Single Line Diagram

≤ 7.2kV, ≤ 4000A main bus, ≤ 50kA/3sec, Choice of 200A, 400A or 600A starter (Higher rating on request up to 2000A)



Equipment Schedule

Variant	AC6			
Panel no.	1	2	3	4
Description	Inc.	Capacitor	Line	Y/Δ
Interrupter	-		Vacuum	
Design standard	IEC / AS			
Arc fault containment	AFLR / AFL			
Loss of service continuity	LSC2A			
Partition class	PM			
Degree of protection	IP4X / IP65			
Power cable entry / exit	Bottom or Top			
Min. installation requirement	Rear access for Top power cable entry			
Installation version	Indoor / Outdoor			
Marine version	No / Yes			

BC6		
1	2	3
Capacitor	Inc. & Line	Y/Δ
-	Vacuum	
IEC / AS		
AFL		
LSC2A		
PM		
IP4X / IP65		
Top / Bottom or Top		
Rear access		
Indoor / Outdoor		
No / Yes		

CC6		
1	2	3
Capacitor	Line	Y/Δ
-	Vacuum	
IEC / AS		
AFLR / AFL		
LSC2A		
PM		
IP4X / IP65		
- / Bottom or Top		
Rear access for Top power cable entry		
Indoor / Outdoor		
No / Yes		

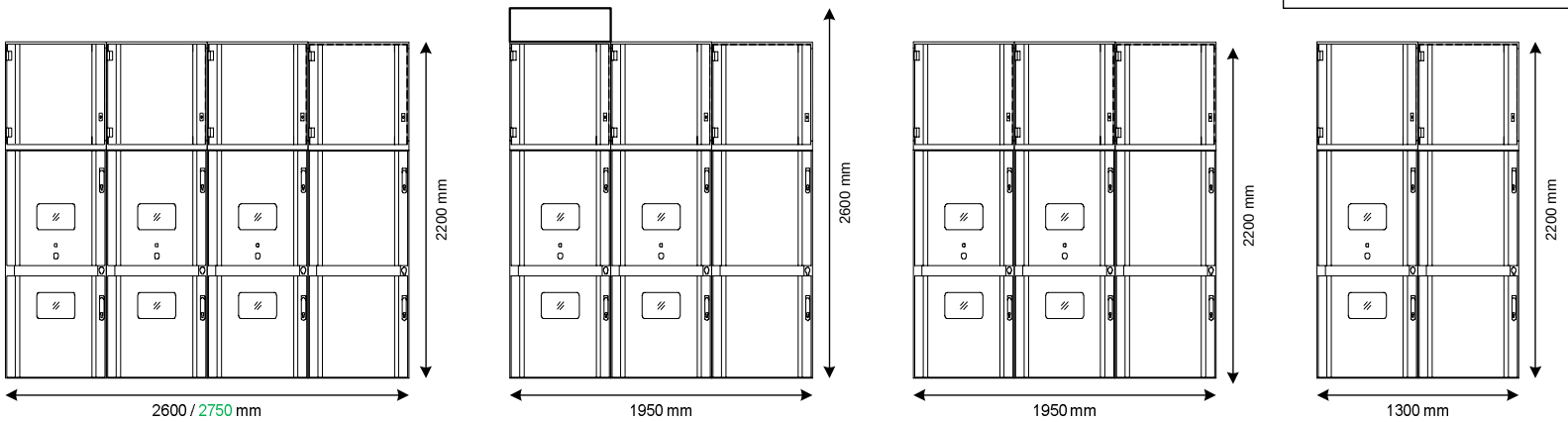
DC6	
1	2
Capacitor	Y/Δ
Vacuum	
IEC / AS	
AFLR / AFL	
LSC2A	
PM	
IP4X / IP65	
Bottom or Top	
Rear access	
Rear access	
No / Yes	

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Date	5 March 11	Scale	NTS	ZVC Star-Delta (Y/Δ) Starter						
ABB Australia Pty Limited.	PANEL PROGRAM	Dwg #	1VGA674112	Rev.	B	Sh.	3	Dwn	JO	Chk	SC	ABB

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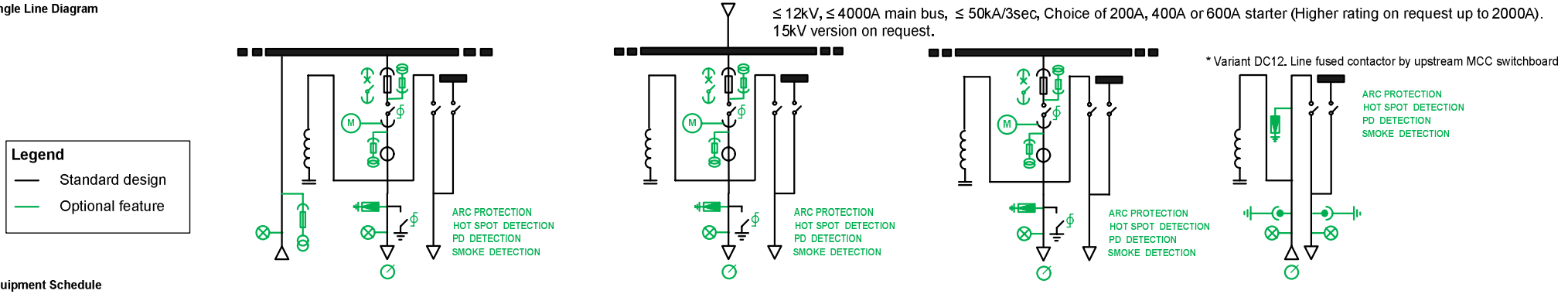
Front View



Max. panel depth
Bottom Power cable entry = 1340 mm
Top Power cable entry = 1790 mm

Single Line Diagram

≤ 12kV, ≤ 4000A main bus, ≤ 50kA/3sec, Choice of 200A, 400A or 600A starter (Higher rating on request up to 2000A).
15kV version on request.



Equipment Schedule

Variant	AC12			
Panel no.	1	2	3	4
Description	Inc.	Capacitor	Line	Y/Δ
Interrupter	-		Vacuum	
Design standard	IEC / AS			
Arc fault containment	AFLR / AFL			
Loss of service continuity	LSC2A			
Partition class	PM			
Degree of protection	IP4X / IP65			
Power cable entry / exit	Bottom or Top			
Min. installation requirement	Rear access for Top power cable entry			
Installation version	Indoor / Outdoor			
Marine version	No / Yes			

BC12		
1	2	3
Capacitor	Inc. & Line	Y/Δ
-	Vacuum	
IEC / AS		
AFL		
LSC2A		
PM		
IP4X / IP65		
Top / Bottom or Top		
Rear access		
Indoor / Outdoor		
No / Yes		

CC12		
1	2	3
Capacitor	Line	Y/Δ
-	Vacuum	
IEC / AS		
AFLR / AFL		
LSC2A		
PM		
IP4X / IP65		
- / Bottom or Top		
Rear access for Top power cable entry		
Indoor / Outdoor		
No / Yes		

DC12	
1	2
Capacitor	Y/Δ
Vacuum	
IEC / AS	
AFLR / AFL	
LSC2A	
PM	
IP4X / IP65	
Bottom or Top	
Rear access	
Rear access	
No / Yes	

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The supplied goods might look different from the illustrations shown

Date	5 March 11	Scale	NTS	ZVC Star-Delta (Y/Δ) Starter							
ABB Australia Pty Limited.	PANEL PROGRAM	Dwg #	1VGA674112	Rev.	B	Sh.	4	Dwn	JO	Chk	SC