This document is the property of ABB Australia. Reproduction without written consent from ABB is an offence.

V/ZVC

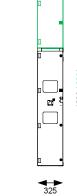
### Front View

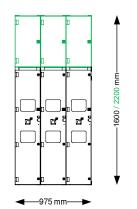












### Legend

— Standard design

Optional feature

Max. panel depth

 $\leq$  1kV, FLC  $\leq$  630 / 2000A,  $\leq$  4000A main bus,  $\leq$  80kA/1sec

Bottom power cable connection = 1124/1304 mm Top power cable connection = 1554 mm

Single Line Diagram

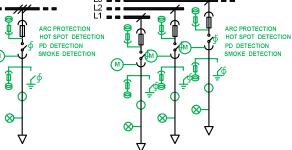












# Equipment Schedule

Variant	VC/ZVC	VB/ZVC	VB/ZVC	VL/ZVC		
Panel no.	=	<u>-</u>	-	=		
Description	Fault Current Limiting Contactor	Fault Current Limiting Breaker	Fault Current Limiting Isolator	Fault Current Limiter		
Current Limiting Interrupter	Fused Vacuum	Fused Vacuum	Fused Vacuum	Fused Vacuum		
Full load current	≤630A (3ph set) ≤2000A (1ph set)	≤630A (3ph set) ≤2000A (1ph set)	≤ 630A (3ph set) ≤ 2000A (1ph set)	≤ 630A (3ph set) ≤ 2000A (1ph set)		
Design standard	IEC/AS	IEC/AS	IEC / AS	IEC / AS		
Arc fault containment	-	•	-	-		
Loss of service continuity	-		-	-		
Partition class	-	•	-	-		
Degree of protection	-	•	-	-		
Power cable connection	-	•				

A1
1
Line L1,L2,L3
Fused Vacuum
≤630A
IEC/AS
AFLR / AFL
LSC2A
РМ
IP4X
Bottom or Top

B1									
1 2									
Line L2	Line L3								
Fused Vacuum	Fused Vacuum								
≤ 2000A									
IEC/AS									
AFLR/AFL									
LSC2A									
PM									
IP4X									
ottom or To	р								
	2 Line L2 Fused Vacuum ≤ 2000A IEC / AS AFLR / AFL LSC2A PM								

Disclaimer: The shown product pictures are mainly for The supplied goods might look different from the illustra		Date	18 Feb 11	Feb 11 Scale NTS Fault Current Limiting Vacuur		cuum Ir	um Interrupter					
ABB Australia Pty Limited.	PANEL PROGRAM	Dwg #	1VGA674116	Rev.	В	Sh.	1	Dwn	JO	Chk	sc	ARR

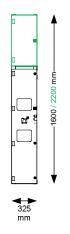
### Front View

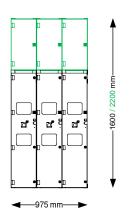












### Legend

V/ZVC

— Standard design

Optional feature

Max. panel depth

Bottom power cable connection = 1124/1304 mm Top power cable connection = 1554 mm

## Single Line Diagram

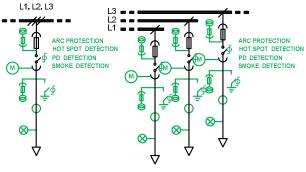








## $\leq$ 7.2kV, FLC $\leq$ 630 / 2000A, $\leq$ 4000A main bus, $\leq$ 50kA/3sec



# Equipment Schedule

Variant	VC/ZVC	VB/ZVC	VB/ZVC	VL/ZVC
Panel no.	-	-	-	-
Description	Fault Current Limiting Contactor	Fault Current Limiting Breaker	Fault Current Limiting Isolator	Fault Current Limiter
Current Limiting Interrupter	Fused Vacuum	Fused Vacuum	Fused Vacuum	Fused Vacuum
Full load current	≤630A (3ph set) ≤2000A (1ph set)	≤630A (3ph set) ≤2000A (1ph set)	≤ 630A (3ph set) ≤ 2000A (1ph set)	≤ 630A (3ph set) ≤ 2000A (1ph set)
Design standard	IEC/AS	IEC/AS	IEC / AS	IEC / AS
Arc fault containment	-	-	•	-
Loss of service continuity	-	-	-	-
Partition class	-	-	•	-
Degree of protection	-	-	•	-
Power cable connection	-	•	-	-

A6
1
Line L1,L2,L3
Fused Vacuum
≤630A
IEC/AS
AFLR / AFL
LSC2A
PM
IP4X
Bottom or Top

B6									
1	1 2								
Line L1	Line L2	Line L3							
Fused Vacuum	Fused Vacuum	Fused Vacuum							
	≤ 2000A								
	IEC/AS								
	AFLR/AFL								
	LSC2A								
	PM								
IP4X									
В	ottom or To	р							

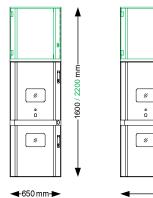
Disclaimer: The shown product pictures are mainly for illustration of the proposed functionalities.  The supplied goods might look different from the illustrations shown		Date	18 Feb 11	Scale	NTS		Fault Current Limiting Vacuum Interrupter					terrupter
ABB Australia Pty Limited.	PANEL PROGRAM	Dwg #	1VGA674116	Rev.	В	Sh.	2	Dwn	O	Chk	sc	ABB

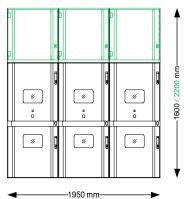


### Front View









### Legend

- Standard design
  - Optional feature

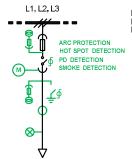
#### Max. panel depth

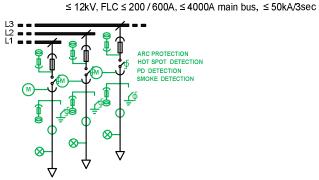
Bottom power cable connection = 1340 mm
Top power cable connection = 1800 mm

## Single Line Diagram









# Equipment Schedule

Variant	VSC/ZVC	VSC/ZVC
Panel no.	-	-
Description	Fault Current Limiting Contactor	Fault Current Limiter
Current Limiting Interrupter	Fused Vacuum	Fused Vacuum
Full load current	≤200A (3ph set) ≤600A (1ph set)	≤200A (3ph set) ≤600A (1ph set)
Design standard	IEC	IEC
Arc fault containment	-	-
Loss of service continuity	-	-
Partition class	-	-
Degree of protection	-	-
Power cable connection	-	-

A12
1
Line L1, L2, L3
Fused Vacuum
≤ 200A
IEC
AFLR/AFL
LSC2A
РМ
IP4X
Bottom or Top

B12								
1	1 2							
Line L1	Line L2	Line L3						
Fused Vacuum	Fused Vacuum	Fused Vacuum						
	≤600A							
	IEC							
	AFLR / AFL							
	LSC2A							
	PM							
IP4X								
В	Bottom or Top							

<b>Disclaimer:</b> The shown product pictures are mainly for illustration of the proposed functionalities.  The supplied goods might look different from the illustrations shown		Date	18 Feb 11	Scale	NTS	Fault Current Limiting Vacuum Interrupter						terrupter
ABB Australia Pty Limited.	PANEL PROGRAM	Dwg#	1VGA674116	Rev.	В	Sh.	3	Dwn	JO	Chk	sc	ABB