Terminal-strip overview

F14_001

Terminal strip	Terminal strip definition text	Terminals					Graphical page of terminal diagrams
		first	last	Total PE	Total N	Total number	
-X5.1		1	PE	4	0	24	=UNIT_03&EMZ++ASC/2000
-X5.2		1	PE	4	0	24	=UNIT_03&EMZ++ASC/2001
-X5.3		1	PE	4	0	24	=UNIT_03&EMZ++ASC/2002
-X6		1	6	0	0	12	=UNIT_03&EMZ++ASC/2003
-XDC1		1	PE	2	0	20	=UNIT_03&EMZ++ASC/2004
-XDC2		1	7	0	0	21	=UNIT_03&EMZ++ASC/2005
-XES		1	9	4	5	18	=UNIT_03&EMZ++ASC/2006
-XT		1	14	0	0	28	=UNIT_03&EMZ++ASC/2007
-369XT		1	12	0	0	36	=UNIT_03&EMZ++ASC/2008
-687XT1		1	PE	22	11	66	=UNIT_03&EMZ++ASC/2020
-690XT1		1	PE	44	4	134	=UNIT_03&EMZ++ASC/2031

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&EMB/10

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2000

Editor	Freqcon_DG			Statron	FREQCON	Klemmenleistenübersicht : =UNIT_03++ASC+-X5.1 - =UNIT_03++ASC+-690XT1	20241105_V1.2	= UNIT_03	Battery Container 2
Date	05.11.2024							& EMZ	Terminals
Proved by				Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC	auxillary cabinet
Date								+	page: 1000
									total: 498

Terminal diagram

Freqcon_F13_001_02

Strip

=UNIT_03++ASC+-X5.1

Function text				Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable type	-680W1 / F-CY-JZ	Page / column
gas concentration BAT 1-4					-XDC2	1	1		++Container-680U1-X1	1			&EFS/680a.2
gas concentration BAT 1-4					-XDC2	5	2		++Container-680U1-X1	2		2	&EFS/680a.2
gas concentration BAT 1-4					-AI_21	13	3		++Container-680U1-X1	4		3	&EFS/680a.2
gas concentration BAT 1-4							4						&EFS/680a.2
gas concentration BAT 1-4							5		++Container-680U1-X2	1		4	&EFS/680a.3
gas concentration BAT 1-4							6		++Container-680U1-X2	2		5	&EFS/680a.3
gas concentration BAT 1-4					-680K1	A1	7		++Container-680U1-X2	4		6	&EFS/680a.4
gas concentration BAT 1-4					-XDC2	2	8		++Container-680U1-X2	5		7	&EFS/680a.4
gas concentration BAT 1-4							9		++Container-680U1-X2	7		8	&EFS/680a.5
gas concentration BAT 1-4							10		++Container-680U1-X2	8		9	&EFS/680a.5
gas concentration BAT 1-4							PE		++Container-680U1-X1	5		GNYE	&EFS/680a.2
gas concentration BAT 1-4							PE		-480W1				&EFS/680a.6

Terminal diagram

Freqcon_F13_001_02

Strip
=UNIT_03++ASC+-X5.2

Function text	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name: -680W2 / Cable type: F-CY-JZ	Page / column
gas concentration BAT 5-8	-XDC2	2	1		++Container-680U2-X1	1		&EFS/680b.2
gas concentration BAT 5-8	-XDC2	6	2		++Container-680U2-X1	2	2	&EFS/680b.2
gas concentration BAT 5-8	-AI_21	14	3		++Container-680U2-X1	4	3	&EFS/680b.2
gas concentration BAT 5-8			4					&EFS/680b.2
gas concentration BAT 5-8			5		++Container-680U2-X2	1	4	&EFS/680b.3
gas concentration BAT 5-8			6		++Container-680U2-X2	2	5	&EFS/680b.3
gas concentration BAT 5-8	-680K2	A1	7		++Container-680U2-X2	4	6	&EFS/680b.4
gas concentration BAT 5-8	-XDC2	2	8		++Container-680U2-X2	5	7	&EFS/680b.4
gas concentration BAT 5-8			9		++Container-680U2-X2	7	8	&EFS/680b.5
gas concentration BAT 5-8			10		++Container-680U2-X2	8	9	&EFS/680b.5
gas concentration BAT 5-8			PE		++Container-680U2-X1	5	GNYE	&EFS/680b.2
gas concentration BAT 5-8			PE		-480W1			&EFS/680b.6

Editor	Freqcon_DG	Statron	Klemmenplan =UNIT_03++ASC+-X5.2
Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	20241105_V1.2
Proved by		FREQCON	10354_23A2007
Date			

= UNIT_03 Battery Container 2
& EMZ Terminals
++ ASC auxillary cabinet
+
page: 2001
total: 498

Terminal diagram

Freqcon_F13_001_02

Strip

=UNIT_03++ASC+-X5.3

Cable name: -680W3

Cable type: F-CY-JZ

Function text	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	-680W3 / F-CY-JZ	Page / column
gas concentration BAT 9-11	-XDC2	3	1	•	++Container-680U3-X1	1		&EFS/680c.2
gas concentration BAT 9-11	-XDC2	7	2	•	++Container-680U3-X1	2	2	&EFS/680c.2
gas concentration BAT 9-11	-AI_21	15	3	•	++Container-680U3-X1	4	3	&EFS/680c.2
gas concentration BAT 9-11			4	•				&EFS/680c.2
gas concentration BAT 9-11			5	•	++Container-680U3-X2	1	4	&EFS/680c.3
gas concentration BAT 9-11			6	•	++Container-680U3-X2	2	5	&EFS/680c.3
gas concentration BAT 9-11	-680K3	A1	7	•	++Container-680U3-X2	4	6	&EFS/680c.4
gas concentration BAT 9-11	-XDC2	3	8	•	++Container-680U3-X2	5	7	&EFS/680c.4
gas concentration BAT 9-11			9	•	++Container-680U3-X2	7	8	&EFS/680c.5
gas concentration BAT 9-11			10	•	++Container-680U3-X2	8	9	&EFS/680c.5
gas concentration BAT 9-11			PE	•	++Container-680U3-X1	5	GNYE	&EFS/680c.2
gas concentration BAT 9-11			PE	•	-480W1			&EFS/680c.6

Editor: Freqcon_DG
Date: 05.11.2024
Proved by:
Date:

Statron
Shell Crosswind BESS FQ 1MW 5MWh Offshore

Klemmenplan =UNIT_03++ASC+-X5.3

20241105_V1.2
10354_23A2007

= UNIT_03 Battery Container 2
& EMZ Terminals
++ ASC auxillary cabinet
+

Terminal diagram

Freqcon_F13_001_02

Strip

=UNIT_03++ASC+-X6

Function text				Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
Extract Fan C/W Fire Damper 1						GND	1		-AO_21	1		&EFS/681.1
Extract Fan C/W Fire Damper 1						+10V	2		-AO_21	5		&EFS/681.1
Extract Fan C/W Fire Damper 2						GND	3		-AO_21	2		&EFS/681.3
Extract Fan C/W Fire Damper 2						+10V	4		-AO_21	6		&EFS/681.3
Extract Fan C/W Fire Damper 3						GND	5		-AO_21	3		&EFS/681.5
Extract Fan C/W Fire Damper 3						+10V	6		-AO_21	7		&EFS/681.5

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Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	
Proved by			
Date			

FREQCON

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10354_23A2007

=	UNIT_03	Battery Container 2	
&	EMZ	Terminals	
++	ASC	auxillary cabinet	page: 2003
+			total: 498

Terminal diagram

Freqcon_F13_001_02

Function text				Cable name	Strip =UNIT_03++ASC+-XDC1						Cable name												Page / column
				Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable type												
FUSE 24V DC CONTROL VOLTAGE					-101T1	13	1		-103F1	2													&EFS/603.2
					-101Q1	13																	
					-611A1	1																	
FUSE 24V DC CONTROL VOLTAGE					-620A1	-X80:1	2																&EFS/603.2
					-DI_21	L+																	
					-DO_21	L+																	
FUSE 24V DC CONTROL VOLTAGE					-635K7	11	3		-103F1	13													&EFS/603.2
					-684F5	11																	
FUSE 24V DC CONTROL VOLTAGE					-611A1	2	4		-102G1	OUTPUT DC 24 V:-													&EFS/603.3
FUSE 24V DC CONTROL VOLTAGE					-620A1	-X80:2	5																&EFS/603.3
					-DI_21	M																	
					-DO_21	M																	
FUSE 24V DC CONTROL VOLTAGE					-635K1	A2	6		-XDC2	5													&EFS/603.3
FUSE 24V DC CONTROL VOLTAGE					-101T1	-''	PE																&EFS/603.4
					-101T1	PE																	
FUSE 24V DC CONTROL VOLTAGE							PE																&EFS/603.4

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Date	05.11.2024							& EMZ	Terminals	
Proved by				Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC	auxillary cabinet	page: 2004
Date								+		total: 498

Terminal diagram

Freqcon_F13_001_02

Function text				Cable name	Strip =UNIT_03++ASC+-XDC2						Cable name												Page / column
				Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable type												
FUSE 24V DC CONTROL VOLTAGE					-AI_21	L+	1		-103F2	2													&EFS/603.5
					-AO_21	L+																	
					-X5.1	1																	
FUSE 24V DC CONTROL VOLTAGE					-X5.1	8	2		-X5.2	8													&EFS/603.5
					-680K1	11																	
					-X5.2	1																	
FUSE 24V DC CONTROL VOLTAGE					-680K2	11	3		-680K3	11													&EFS/603.5
					-X5.3	1																	
					-X5.3	8																	
FUSE 24V DC CONTROL VOLTAGE					-691F1	13	4																&EFS/603.6
					-691F4	13																	
FUSE 24V DC CONTROL VOLTAGE					-AI_21	M	5		-XDC1	6													&EFS/603.6
					-AO_21	M																	
					-X5.1	2																	
FUSE 24V DC CONTROL VOLTAGE					-680K1	A2	6																&EFS/603.6
					-X5.2	2																	
FUSE 24V DC CONTROL VOLTAGE					-680K2	A2	7																&EFS/603.7
					-X5.3	2																	
					-680K3	A2																	

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Terminal diagram

Freqcon_F13_001_02

Strip

=UNIT_03++ASC+-XES

Function text	Cable name	Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable type	Cable name	Page / column
					1		-684F1	2			&EFS/684.0
UPS Bat-Con 1 3-phase 400V AC					N		-687XT1	N			&EFS/684.3
=			-690XT1	N	N		-687XT1	N			&EFS/684.3
=			-690XT1	N	N		-690F1	N			&EFS/684.3
=			-690XT1	N	N		-690F2	N			&EFS/684.3
=					N		-690XT1	N			&EFS/684.4
=					PE			PE			&EFS/684.4
=			++Container-278W1	GND	PE			PE			&EFS/684.4
=			-684F5	PE	PE		-684F2	PE			&EFS/684.5
=			-601F1	PE	PE						&EFS/684.5
			-684F4	2	2		-684F3	2			&EFS/684.0
UPS Bat-Con 1 3-phase 400V AC			-601F1	L1	3						&EFS/684.1
=					4		-684F1	4			&EFS/684.1
=			-684F4	4	5		-684F3	4			&EFS/684.1
=			-601F1	L2	6						&EFS/684.1
=					7		-684F1	6			&EFS/684.1
=			-684F4	6	8		-684F3	6			&EFS/684.1
=			-601F1	L3	9						&EFS/684.2

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2005

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2007

Editor	Freqcon_DG	Statron	FREQCON	Klemmenplan =UNIT_03++ASC+-XES	20241105_V1.2	= UNIT_03 Battery Container 2
Date	05.11.2024					& EMZ Terminals
Proved by		Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC auxillary cabinet — page: 2006
Date						+ — total: 498

Terminal diagram

Freqcon_F13_001_02

Function text				Cable name	Strip =UNIT_03++ASC+-XT					Cable name												Page / column
				Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable type												
Gas confirmed FGS							1	,	-635K1	14												&EFS/635b.1
								,														
Gas confirmed FGS							2	,	-635K1	11												&EFS/635b.1
								,														
Gas confirmed FGS							3	,	-635K2	14												&EFS/635b.1
								,														
Smoke confirmed FGS							4	,	-635K2	11												&EFS/635b.2
								,														
Smoke confirmed FGS							5	,	-635K3	14												&EFS/635b.2
								,														
Thermal runaway SIS							6	,	-635K3	11												&EFS/635b.3
								,														
Thermal runaway SIS							7	,	-635K4	14												&EFS/635b.3
								,														
Thermal runaway SIS							8	,	-635K4	11												&EFS/635b.3
								,														
Spare							9	,	-635K5	14												&EFS/635b.4
								,														
Spare							10	,	-635K5	11												&EFS/635b.4
								,														
Spare							11	,	-635K6	14												&EFS/635b.5
								,														
Spare							12	,	-635K6	11												&EFS/635b.5
								,														
Shut-down to BESS							13	,	-635K7	A2												&EFS/635b.7
								,														
Shut-down to BESS							14	,	-635K7	A1												&EFS/635b.7
								,														

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next page: 2008

Terminal diagram

Freqcon_F13_001_02

Strip
=UNIT_03++ASC+-369XT

Function text	++Container-290W3-2 F-CY-OZ	++Container-290W2-2 F-CY-OZ	++Container-290W1-2 F-CY-OZ	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
battery cabinet smoke detector potential-free contacts customer			3		++Container-570XT	3	1					&EFS/669.5
		3			++Container-570XT	3						
	3				++Container-570XT	3						

Editor	Freqcon_DG	Statron	Klemmenplan =UNIT_03++ASC+-369XT
Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	
Proved by			
Date			

FREQCON

20241105_V1.2

10354_23A2007

=	UNIT_03	Battery Container 2
&	EMZ	Terminals
++	ASC	auxillary cabinet
+		

Terminal diagram

Freqcon_F13_001_02

Strip
=UNIT_03++ASC+-369XT

Function text	++Container-292W1-2 F-CY-OZ	++Container-291W2-2 F-CY-OZ	++Container-291W1-2 F-CY-OZ	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	++Container-293W3-2 F-CY-OZ	Page / column
battery cabinet smoke detector potential-free contacts customer			3		++Container-570XT	3	2		++Container-570XT	3		3	&EFS/669.5
		3			++Container-570XT	3							
	3				++Container-570XT	3							

Editor	Freqcon_DG	Statron	Klemmenplan =UNIT_03++ASC+-369XT
Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	
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=	UNIT_03	Battery Container 2	
&	EMZ	Terminals	
++	ASC	auxillary cabinet	page: 2009
+			total: 498

Terminal diagram

Freqcon_F13_001_02

Function text	++Container-293W1-2 F-CY-OZ	++Container-292W3-2 F-CY-OZ	++Container-292W2-2 F-CY-OZ	Cable name / Cable type	Strip =UNIT_03++ASC+-369XT: Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	++Container-293W2-2 F-CY-OZ	Page / column
battery cabinet smoke detector potential-free contacts customer			3		++Container-570XT	3	3		++Container-570XT	3		3	&EFS/669.6
		3			++Container-570XT	3							
	3				++Container-570XT	3							

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Editor	Freqcon_DG			Statron	FREQCON	Klemmenplan =UNIT_03++ASC+-369XT	20241105_V1.2	= UNIT_03 Battery Container 2
Date	05.11.2024							& EMZ Terminals
Proved by				Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC auxillary cabinet
Date								+

Terminal diagram

Freqcon_F13_001_02

Function text	++Container-290W3-2 F-CY-0Z	++Container-290W2-2 F-CY-0Z	++Container-290W1-2 F-CY-0Z	Cable name / Cable type	Strip =UNIT_03++ASC+-369XT Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
battery cabinet smoke detector potential-free contacts customer			4		++Container-570XT	4	4					&EFS/669.7
		4			++Container-570XT	4						
	4				++Container-570XT	4						

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next page: 2012

Editor	Freqcon_DG			Statron	FREQCON	Klemmenplan =UNIT_03++ASC+-369XT	20241105_V1.2	= UNIT_03 Battery Container 2
Date	05.11.2024							& EMZ Terminals
Proved by				Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC auxillary cabinet
Date								+

Terminal diagram

Freqcon_F13_001_02

Strip =UNIT_03++ASC+-369XT

Function text	++Container-292W1-2 F-CY-OZ	++Container-291W2-2 F-CY-OZ	++Container-291W1-2 F-CY-OZ	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	++Container-293W3-2 F-CY-OZ	Page / column
battery cabinet smoke detector potential-free contacts customer			4		++Container-570XT	4	5		++Container-570XT	4		4	&EFS/669.8
		4			++Container-570XT	4							
	4				++Container-570XT	4							

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Editor	Freqcon_DG	Statron	
Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	
Proved by			
Date			

Klemmenplan =UNIT_03++ASC+-369XT

20241105_V1.2

10354_23A2007

=	UNIT_03	Battery Container 2	
&	EMZ	Terminals	
++	ASC	auxillary cabinet	page: 2012
+			total: 498

Terminal diagram

Freqcon_F13_001_02

Strip =UNIT_03++ASC+-369XT

Function text	++Container-293W1-2 F-CY-OZ	++Container-292W3-2 F-CY-OZ	++Container-292W2-2 F-CY-OZ	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	++Container-293W2-2 F-CY-OZ	Page / column
battery cabinet smoke detector potential-free contacts customer			4		++Container-570XT	4	6		++Container-570XT	4		4	&EFS/669.8
		4			++Container-570XT	4							
	4				++Container-570XT	4							

Editor Freqcon_DG
Date 05.11.2024
Proved by
Date

Statron
Shell Crosswind BESS FQ 1MW 5MWh Offshore

FREQCON

Klemmenplan =UNIT_03++ASC+-369XT

20241105_V1.2
10354_23A2007

= UNIT_03 Battery Container 2
& EMZ Terminals
++ ASC auxillary cabinet
+

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total: 498

Terminal diagram

Freqcon_F13_001_02

Function text	++Container-290W3-2 F-CY-0Z	++Container-290W2-2 F-CY-0Z	++Container-290W1-2 F-CY-0Z	Cable name / Cable type	Strip =UNIT_03++ASC+-369XT: Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
battery cabinet gas potential-free contacts customer			1		++Container-570XT	1	7					&EFS/670.5
		1			++Container-570XT	1						
	1				++Container-570XT	1						

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Editor	Freqcon_DG			Statron	FREQCON	Klemmenplan =UNIT_03++ASC+-369XT	20241105_V1.2	= UNIT_03 Battery Container 2
Date	05.11.2024							& EMZ Terminals
Proved by				Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC auxillary cabinet
Date								+

page: 2014

total: 498

Terminal diagram

Freqcon_F13_001_02

Function text	++Container-292W1-2 F-CY-OZ	++Container-291W2-2 F-CY-OZ	++Container-291W1-2 F-CY-OZ	Cable name / Cable type	Strip =UNIT_03++ASC+-369XT Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	++Container-293W3-2 F-CY-OZ	Page / column
battery cabinet gas potential-free contacts customer			1		++Container-570XT	1	8		++Container-570XT	1		1	&EFS/670.5
		1			++Container-570XT	1							
	1				++Container-570XT	1							

Editor	Freqcon_DG	Statron	
Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	
Proved by			
Date			

FREQCON

Klemmenplan =UNIT_03++ASC+-369XT

20241105_V1.2

10354_23A2007

=	UNIT_03	Battery Container 2	
&	EMZ	Terminals	
++	ASC	auxillary cabinet	page: 2015
+			total: 498

Terminal diagram

Freqcon_F13_001_02

Strip =UNIT_03++ASC+-369XT

Function text	++Container-293W1-2 F-CY-OZ	++Container-292W3-2 F-CY-OZ	++Container-292W2-2 F-CY-OZ	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	++Container-293W2-2 F-CY-OZ	Page / column
battery cabinet gas potential-free contacts customer			1		++Container-570XT	1	9		++Container-570XT	1		1	&EFS/670.6
		1			++Container-570XT	1							
	1				++Container-570XT	1							

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Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	
Proved by			
Date			

FREQCON

Klemmenplan =UNIT_03++ASC+-369XT

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=	UNIT_03	Battery Container 2	
&	EMZ	Terminals	
++	ASC	auxillary cabinet	page: 2016
+			total: 498

Terminal diagram

Freqcon_F13_001_02

Function text	++Container-290W3-2 F-CY-0Z	++Container-290W2-2 F-CY-0Z	++Container-290W1-2 F-CY-0Z	Cable name / Cable type	Strip =UNIT_03++ASC+-369XT: Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
battery cabinet gas potential-free contacts customer			2		++Container-570XT	2	10					&EFS/670.7
		2			++Container-570XT	2						
	2				++Container-570XT	2						

previous page: 2016

next page: 2018

Editor	Freqcon_DG			Statron	FREQCON	Klemmenplan =UNIT_03++ASC+-369XT	20241105_V1.2	= UNIT_03 Battery Container 2
Date	05.11.2024							& EMZ Terminals
Proved by				Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC auxillary cabinet
Date								+

page: 2017

total: 498

Terminal diagram

Freqcon_F13_001_02

Function text	++Container-292W1-2 F-CY-0Z	++Container-291W2-2 F-CY-0Z	++Container-291W1-2 F-CY-0Z	Cable name / Cable type	Strip =UNIT_03++ASC+-369XT: Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	++Container-293W3-2 F-CY-0Z	Page / column
battery cabinet gas potential-free contacts customer			2		++Container-570XT	2	11		++Container-570XT	2		2	&EFS/670.8
		2			++Container-570XT	2							
	2				++Container-570XT	2							

previous page: 2017

next page: 2019

Editor	Freqcon_DG			Statron	FREQCON	Klemmenplan =UNIT_03++ASC+-369XT	20241105_V1.2	= UNIT_03 Battery Container 2
Date	05.11.2024							& EMZ Terminals
Proved by				Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC auxillary cabinet
Date								+

page: 2018

total: 498

Terminal diagram

Freqcon_F13_001_02

Function text	++Container-293W1-2 F-CY-0Z	++Container-292W3-2 F-CY-0Z	++Container-292W2-2 F-CY-0Z	Cable name / Cable type	Strip =UNIT_03++ASC+-369XT: Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	++Container-293W2-2 F-CY-0Z	Page / column
battery cabinet gas potential-free contacts customer			2		++Container-570XT	2	12		++Container-570XT	2		2	&EFS/670.8
		2			++Container-570XT	2							
	2				++Container-570XT	2							

previous page: 2018

next page: 2020

Editor	Freqcon_DG			Statron	FREQCON	Klemmenplan =UNIT_03++ASC+-369XT	20241105_V1.2	= UNIT_03 Battery Container 2
Date	05.11.2024							& EMZ Terminals
Proved by				Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC auxillary cabinet
Date								+

page: 2019

total: 498

Terminal diagram

Freqcon_F13_001_02

Strip

=UNIT_03++ASC+-687XT1

Function text	++Container-290W3-1 JZ-500	++Container-290W2-1 JZ-500	++Container-290W1-1 JZ-500	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
Supply Battery String 1-phase 230V AC			1		++Container-XE	1	1		-687F1	2		&EFS/687.1
Supply Battery String 1-phase 230V AC		1			++Container-XE	1	2		-687F2	2		&EFS/687.3
Supply Battery String 1-phase 230V AC	1				++Container-XE	1	3		-687F3	2		&EFS/687.4

Editor	Freqcon_DG		
Date	05.11.2024		
Proved by			
Date			

Statron

Shell Crosswind BESS FQ 1MW 5MWh Offshore

Klemmenplan =UNIT_03++ASC+-687XT1

20241105_V1.2

10354_23A2007

=	UNIT_03	Battery Container 2
&	EMZ	Terminals
++	ASC	auxillary cabinet
+		

Terminal diagram

Freqcon_F13_001_02

Function text	++Container-292W1-1 JZ-500	++Container-291W2-1 JZ-500	++Container-291W1-1 JZ-500	Cable name / Cable type	Strip =UNIT_03++ASC+-687XT1 Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
Supply Battery String 1-phase 230V AC			1		++Container-XE	1	4	,	-687F4	2		&EFS/687.5
								,				
Supply Battery String 1-phase 230V AC		1			++Container-XE	1	5	,	-687F5	2		&EFS/687.7
								,				
Supply Battery String 1-phase 230V AC	1				++Container-XE	1	6	,	-687F6	2		&EFS/687.8
								,				

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Editor	Freqcon_DG			Statron	FREQCON	Klemmenplan =UNIT_03++ASC+-687XT1	20241105_V1.2	= UNIT_03 Battery Container 2
Date	05.11.2024							& EMZ Terminals
Proved by				Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC auxillary cabinet
Date								+

Terminal diagram

Freqcon_F13_001_02

Strip =UNIT_03++ASC+-687XT1

Function text	++Container-293W1-1 JZ-500	++Container-292W3-1 JZ-500	++Container-292W2-1 JZ-500	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
Supply Battery String 1-phase 230V AC			1		++Container-XE	1	7		-688F1	2		&EFS/688.1
Supply Battery String 1-phase 230V AC		1			++Container-XE	1	8		-688F2	2		&EFS/688.3
Supply Battery String 1-phase 230V AC	1				++Container-XE	1	9		-688F3	2		&EFS/688.4

Editor	Freqcon_DG	Statron	Klemmenplan =UNIT_03++ASC+-687XT1
Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	20241105_V1.2
Proved by		FREQCON	10354_23A2007
Date			

=	UNIT_03	Battery Container 2	
&	EMZ	Terminals	
++	ASC	auxillary cabinet	page: 2022
+			total: 498

Terminal diagram

Freqcon_F13_001_02

Function text	++Container-290W1-1 JZ-500	++Container-293W3-1 JZ-500	++Container-293W2-1 JZ-500	Cable name / Cable type	Strip =UNIT_03++ASC+-687XT1 Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
Supply Battery String 1-phase 230V AC			1		++Container-XE	1	10		-688F4	2		&EFS/688.5
Supply Battery String 1-phase 230V AC		1			++Container-XE	1	11		-688F5	2		&EFS/688.7
Supply Battery String 1-phase 230V AC	2				++Container-XE	N	N		-XES	N		&EFS/687.1

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next page: 2024

Editor	Freqcon_DG			Statron	FREQCON	Klemmenplan =UNIT_03++ASC+-687XT1	20241105_V1.2	= UNIT_03 Battery Container 2
Date	05.11.2024							& EMZ Terminals
Proved by				Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC auxillary cabinet
Date								+

Terminal diagram

Freqcon_F13_001_02

Function text	++Container-291W1-1 JZ-500	++Container-290W3-1 JZ-500	++Container-290W2-1 JZ-500	Cable name / Cable type	Strip =UNIT_03++ASC+-687XT1 Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
Supply Battery String 1-phase 230V AC			2		++Container-XE	N	N					&EFS/687.3
Supply Battery String 1-phase 230V AC		2			++Container-XE	N	N					&EFS/687.4
Supply Battery String 1-phase 230V AC	2				++Container-XE	N	N					&EFS/687.6

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Editor	Freqcon_DG			Statron	FREQCON	Klemmenplan =UNIT_03++ASC+-687XT1	20241105_V1.2	= UNIT_03 Battery Container 2
Date	05.11.2024							& EMZ Terminals
Proved by				Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC auxillary cabinet
Date								+

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Terminal diagram

Freqcon_F13_001_02

Function text	++Container-292W2-1 -XZ-500	++Container-292W1-1 -XZ-500	++Container-291W2-1 -XZ-500	Cable name / Cable type	Strip =UNIT_03++ASC+-687XT1 Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
Supply Battery String 1-phase 230V AC			2		++Container-XE	N	N					&EFS/687.7
Supply Battery String 1-phase 230V AC		2			++Container-XE	N	N					&EFS/687.8
Supply Battery String 1-phase 230V AC	2				++Container-XE	N	N		-XES	N		&EFS/688.1

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Editor	Freqcon_DG			Statron	FREQCON	Klemmenplan =UNIT_03++ASC+-687XT1	20241105_V1.2	= UNIT_03 Battery Container 2
Date	05.11.2024							& EMZ Terminals
Proved by				Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC auxillary cabinet
Date								+

Terminal diagram

Freqcon_F13_001_02

Strip =UNIT_03++ASC+-687XT1

Function text	++Container-293W2-1 JZ-500	++Container-293W1-1 JZ-500	++Container-292W3-1 JZ-500	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
Supply Battery String 1-phase 230V AC			2		++Container-XE	N	N					&EFS/688.3
Supply Battery String 1-phase 230V AC		2			++Container-XE	N	N					&EFS/688.4
Supply Battery String 1-phase 230V AC	2				++Container-XE	N	N					&EFS/688.6

Editor	Freqcon_DG	Statron	Klemmenplan =UNIT_03++ASC+-687XT1
Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	20241105_V1.2
Proved by			10354_23A2007
Date			

=	UNIT_03	Battery Container 2	
&	EMZ	Terminals	
++	ASC	auxillary cabinet	page: 2026
+			total: 498

Terminal diagram

Freqcon_F13_001_02

Function text	++Container-290W2-1 / JZ-500	++Container-290W1-1 / JZ-500	++Container-293W3-1 / JZ-500	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
					Strip =UNIT_03++ASC+-687XT1							
Supply Battery String 1-phase 230V AC			2		++Container-XE	N	N					&EFS/688.7
Supply Battery String 1-phase 230V AC		GNYE			++Container-XE	PE	PE					&EFS/687.2
Supply Battery String 1-phase 230V AC	GNYE				++Container-XE	PE	PE					&EFS/687.3

Editor	Freqcon_DG	Statron	Klemmenplan =UNIT_03++ASC+-687XT1
Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	
Proved by			
Date			

20241105_V1.2	= UNIT_03	Battery Container 2	
	& EMZ	Terminals	
10354_23A2007	++ ASC	auxillary cabinet	page: 2027
	+		total: 498

Terminal diagram

Freqcon_F13_001_02

Strip =UNIT_03++ASC+-687XT1

Function text	++Container-291W2-1 JZ-500	++Container-291W1-1 JZ-500	++Container-290W3-1 JZ-500	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
Supply Battery String 1-phase 230V AC			GNYE		++Container-XE	PE	PE					&EFS/687.4
Supply Battery String 1-phase 230V AC		GNYE			++Container-XE	PE	PE					&EFS/687.6
Supply Battery String 1-phase 230V AC	GNYE				++Container-XE	PE	PE					&EFS/687.7

Editor	Freqcon_DG	Statron	Klemmenplan =UNIT_03++ASC+-687XT1
Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	20241105_V1.2
Proved by			10354_23A2007
Date			

= UNIT_03 Battery Container 2

& EMZ Terminals

++ ASC auxillary cabinet

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page: 2028

total: 498

Terminal diagram

Freqcon_F13_001_02

Strip

=UNIT_03++ASC+-687XT1

Function text	++Container-292W3-1 JZ-500	++Container-292W2-1 JZ-500	++Container-292W1-1 JZ-500	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
Supply Battery String 1-phase 230V AC			GNYE		++Container-XE	PE	PE					&EFS/687.9
Supply Battery String 1-phase 230V AC		GNYE			++Container-XE	PE	PE					&EFS/688.2
Supply Battery String 1-phase 230V AC	GNYE				++Container-XE	PE	PE					&EFS/688.3

Editor	Freqcon_DG	Statron	FREQCON	Klemmenplan =UNIT_03++ASC+-687XT1	20241105_V1.2	= UNIT_03 Battery Container 2	
Date	05.11.2024					& EMZ Terminals	
Proved by		Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC auxillary cabinet	page: 2029
Date						+	total: 498

Terminal diagram

Freqcon_F13_001_02

Function text	++Container-293W3-1 JZ-500	++Container-293W2-1 JZ-500	++Container-293W1-1 JZ-500	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
Strip =UNIT_03++ASC+-687XT1												
Supply Battery String 1-phase 230V AC			GNYE		++Container-XE	PE	PE					&EFS/688.4
Supply Battery String 1-phase 230V AC		GNYE			++Container-XE	PE	PE					&EFS/688.6
Supply Battery String 1-phase 230V AC	GNYE				++Container-XE	PE	PE					&EFS/688.7

Editor	Freqcon_DG	Statron	
Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	
Proved by			
Date			

Klemmenplan =UNIT_03++ASC+-687XT1

20241105_V1.2

10354_23A2007

=	UNIT_03	Battery Container 2	
&	EMZ	Terminals	
++	ASC	auxillary cabinet	page: 2030
+			total: 498

Terminal diagram

Freqcon_F13_001_02

Strip =UNIT_03++ASC+-690XT1

Function text	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
Container Internal Lighting			L	1		-690F1	2		&EFS/690.1
Container Internal Lighting			1	2		-690F2	2		&EFS/690.3
Container Sockets			1	3		-690F3	2		&EFS/690.5
230V AC for crane 2			1	4		-690F4	2		&EFS/690.7
230V AC for crane 3			1	5		-690F5	2		&EFS/690.8
230V AC for Exhaust Unit / shut-off flap Battery cabinets 1-4			L	6		-636K1	14		&EFS/691.1
			L						

Editor	Freqcon_DG	Statron	Klemmenplan =UNIT_03++ASC+-690XT1
Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	20241105_V1.2
Proved by			10354_23A2007
Date			

= UNIT_03 Battery Container 2
& EMZ Terminals
++ ASC auxillary cabinet
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Terminal diagram

Freqcon_F13_001_02

Function text				Cable name	Strip =UNIT_03++ASC+-690XT1						Cable name												Page / column
				Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable type												
								,															
								,															
230V AC for Exhaust Unit / shut-off flap Battery cabinets 5-8						L	7	,	-636K2	14													&EFS/691.3
						L																	
								,															
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230V AC for Exhaust Unit / shut-off flap Battery cabinets 9-11						L	8	,	-636K3	14													&EFS/691.4
						L																	
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Editor	Freqcon_DG			Statron	FREQCON	Klemmenplan =UNIT_03++ASC+-690XT1	20241105_V1.2	= UNIT_03 Battery Container 2
Date	05.11.2024							& EMZ Terminals
Proved by				Shell Crosswind BESS FQ 1MW 5MWh Offshore			10354_23A2007	++ ASC auxillary cabinet
Date								+

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total: 498

Terminal diagram

Freqcon_F13_001_02

Strip

=UNIT_03++ASC+-690XT1

Function text	Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type	Page / column
230V AC for Exhaust Unit / shut-off flap Battery cabinets 9-11				9		-691F4	2		&EFS/691.5
400V AC for Cooling Units				10		-691F4	4		&EFS/691.6
400V AC for Cooling Units				11		-691F4	6		&EFS/691.6

Editor	Freqcon_DG	Statron	Klemmenplan =UNIT_03++ASC+-690XT1
Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore	20241105_V1.2
Proved by			10354_23A2007
Date			

=	UNIT_03	Battery Container 2	
&	EMZ	Terminals	
++	ASC	auxillary cabinet	page: 2033
+			total: 498

Terminal diagram

Freqcon_F13_001_02

Strip

=UNIT_03++ASC+-690XT1

Function text	Cable name	Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name	Cable type	Page / column
Container Sockets				2	N		-690F2	N.			&EFS/690.4
=				PE	PE						&EFS/690.4
230V AC for crane 1				2	N		-XES	N			&EFS/690.6
=				PE	PE						&EFS/690.6
230V AC for crane 2				2	N		-XES	N			&EFS/690.7
=				PE	PE						&EFS/690.7
230V AC for crane 3				2	N		-XES	N			&EFS/690.8
=				PE	PE						&EFS/690.8
Container Internal Lighting				N	N		-690F1	N.			&EFS/690.1
=				GND	PE						&EFS/690.2
230V AC for Exhaust Unit / shut-off flap Battery cabinets 1-4				N	N		-XES	N			&EFS/691.1
				N							
230V AC for Exhaust Unit / shut-off flap Battery cabinets 1-4				GND	PE						&EFS/691.2
				GND							
230V AC for Exhaust Unit / shut-off flap Battery cabinets 5-8				N	N						&EFS/691.3
				N							
230V AC for Exhaust Unit / shut-off flap Battery cabinets 5-8				GND	PE						&EFS/691.3
				GND							
230V AC for Exhaust Unit / shut-off flap Battery cabinets 9-11				N	N						&EFS/691.4
				N							
230V AC for Exhaust Unit / shut-off flap Battery cabinets 9-11				GND	PE						&EFS/691.4

Editor	Freqcon_DG		
Date	05.11.2024		
Proved by			
Date			

Statron

Shell Crosswind BESS FQ 1MW 5MWh Offshore

FREQCON

Klemmenplan =UNIT_03++ASC+-690XT1

20241105_V1.2

10354_23A2007

=	UNIT_03	Battery Container 2
&	EMZ	Terminals
++	ASC	auxillary cabinet
+		

Terminal diagram

Freqcon_F13_001_02

Strip

=UNIT_03++ASC+-690XT1

Function text				Cable name / Cable type	Target designation	Connection point	Terminal	Jumper	Target designation	Connection point	Cable name / Cable type												Page / column
						GND																	
400V AC for Cooling Units							N																&EFS/691.6
=							PE																&EFS/691.6

Editor	Freqcon_DG	Statron	Klemmenplan =UNIT_03++ASC+-690XT1	20241105_V1.2
Date	05.11.2024	Shell Crosswind BESS FQ 1MW 5MWh Offshore		10354_23A2007
Proved by				
Date				

=	UNIT_03	Battery Container 2	
&	EMZ	Terminals	
++	ASC	auxillary cabinet	page: 2035
+			total: 498