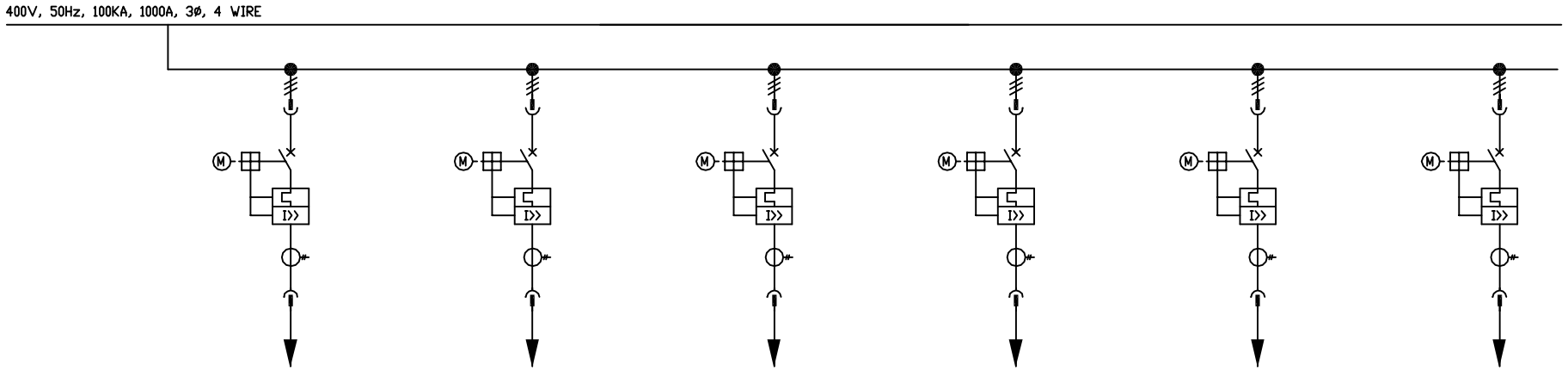


Cubicle No.		LVS-080027											
WidthXDepth		1000mmX1200mm											
Consumer Name		Lighting and small DB for Guard House		High Pole Flood Lighting		High Pole Flood Lighting		Street Lighting		Street Lighting		Spare	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E	
Rating		5.0kW	9.5A	10kW	19A	10kW	19A	20kW	38A	20kW	38A		
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=100A	1	T4L250R100 Ir=100A	1	T4L250R100 Ir=100A	1	T4L250R100 Ir=100A	1
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI	
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC	
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 50/1, Class 1	1	LMK2, 50/1, Class 1	1	LMK2, 100/1, Class 0.5	1
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												
NOTE:													

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	FUNCTION UCS1 Compressor Station	=	SHEET 1
		CHECKED				SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
		DATE	2013-7-03	XIAMEN L.V. EQUIPMENT CO.LTD.			

400V, 50Hz, 100KA, 1000A, 3Ø, 4 WIRE



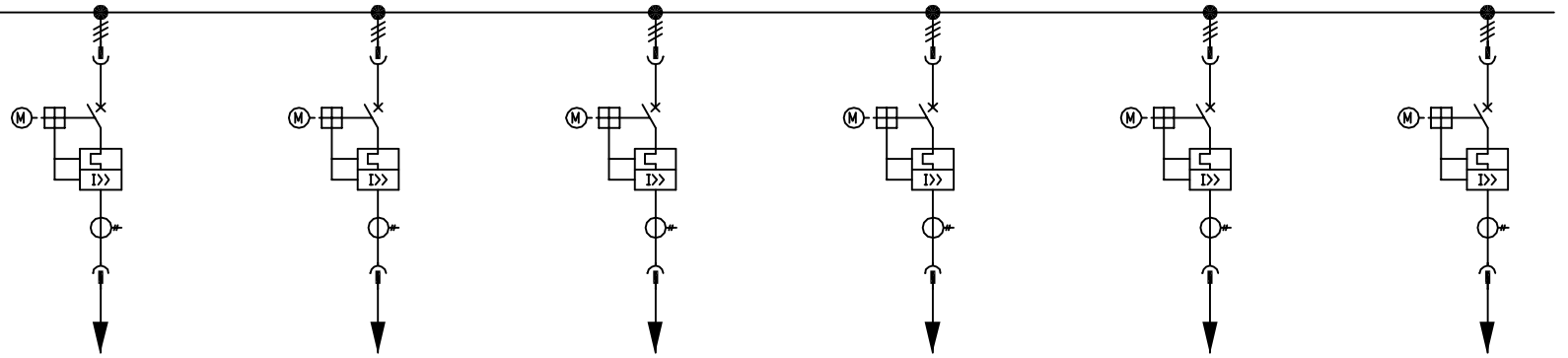
Cubicle No.		LVS-080027											
WidthXDepth		1000mmX1200mm											
Consumer Name		Spare		Spare									
Module No.		G: 8E		H: 8E									
Rating													
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=100A	1	T4L250R100 Ir=100A	1								
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI									
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC									
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 100/1, Class 0.5	1	LMK2, 100/1, Class 0.5	1								
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1								
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

NOTE:

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE	Single Line Diagram	FUNCTION	UCS1 Compressor Station
CUSTOMER DRAWING NO.	REV.	CHECKED		PROJECT NO.	20130XX	PROJECT NAME	The Third Line of Uzbekistan-China Gas Pipeline Project
		APPROVED		XIAMEN L.V. EQUIPMENT CO.LTD.		SCALE	1:1
		DATE	2013-7-03			DRAWING NO.	A4
						SHEET	2
						TOTAL	32
						REV.	0

400V, 50Hz, 100KA, 1000A, 3Ø, 4 WIRE



Cubicle No.		LVS-080026											
WidthXDepth		1000mmX1200mm											
Consumer Name		Lighting and small DB for Comperessor Workshop 3		HVAC DB for Comperessor Workshop 3		HVAC DB for Comperessor Workshop 3		Spare		Heater control cabinet(Self-used gas)		Heater control cabinet(Self-used gas)	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E	
Rating		10kW	19A	15kW	28.5A	10kW	19A			30kW	46A	30kW	46A
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=100A	1	T4L250R100 Ir=0.6In	1	T4L250R100 Ir=0.6In	1
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI	
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC	
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 30/1, Class 1	1	LMK2, 50/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 100/1, Class 0.5	1	LMK2, 75/1, Class 1	1	LMK2, 75/1, Class 1	1
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	SHEET 3
		CHECKED					SCALE 1:1 / TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 / DRAWING NO. / REV. 0
		DATE	2013-7-03				

400V, 50Hz, 100KA, 1000A, 3Ø, 4 WIRE

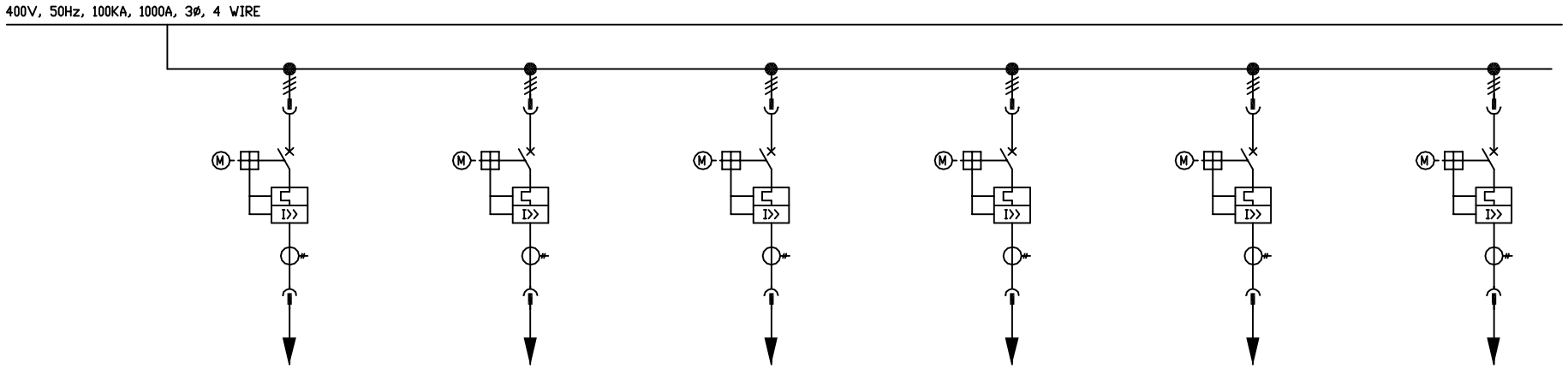


Cubicle No.		LVS-080026											
WidthXDepth		1000mmX1200mm											
Consumer Name		Spare		Spare									
Module No.		G: 8E		H: 8E									
Rating													
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=100A	1	T4L250R100 Ir=100A	1								
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI									
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC									
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 100/1, Class 0.5	1	LMK2, 100/1, Class 0.5	1								
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1								
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

NOTE:

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	= SHEET 4
		CHECKED					SCALE 1:1 TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. REV. 0
		DATE	2013-7-03				



Cubicle No.		LVS-080025											
WidthXDepth		1000mmX1200mm											
Consumer Name		Lighting and small DB for Comperessor Workshop 1		HVAC DB for Comperessor Workshop 1		HVAC DB for Comperessor Workshop 1		Lighting and small DB for Comperessor Workshop 2		HVAC DB for Comperessor Workshop 2		HVAC DB for Comperessor Workshop 2	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E	
Rating		10kW	19A	15kW	28.5A	10kW	19A	10kW	19A	15kW	28.5A	10kW	19A
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI	
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC	
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 30/1, Class 1	1	LMK2, 50/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 50/1, Class 1	1	LMK2, 30/1, Class 1	1
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	= SHEET 5
		CHECKED					SCALE 1:1 TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. REV. 0
		DATE	2013-7-03				

400V, 50Hz, 100KA, 1000A, 3Ø, 4 WIRE



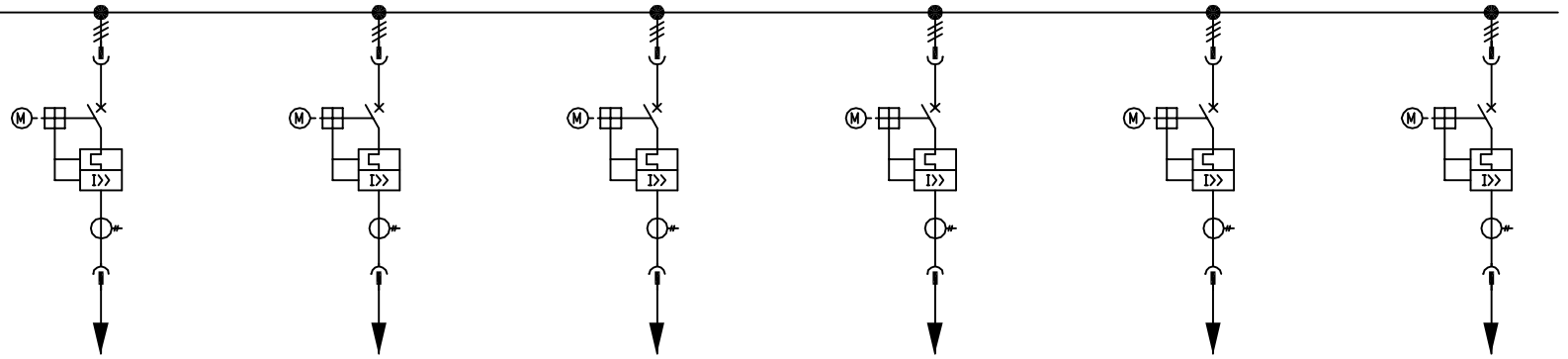
Cubicle No.		LVS-080025											
WidthXDepth		1000mmX1200mm											
Consumer Name		Spare		Spare									
Module No.		G: 8E		H: 8E									
Rating													
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=100A	1	T4L250R100 Ir=100A	1								
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI									
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC									
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 100/1, Class 0.5	1	LMK2, 100/1, Class 0.5	1								
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1								
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

NOTE:

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	= SHEET 6
		CHECKED					SCALE 1:1 TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. REV. 0
		DATE	2013-7-03				

400V, 50Hz, 100KA, 1000A, 3Ø, 4 WIRE



Cubicle No.		LVS-080024											
WidthXDepth		1000mmX1200mm											
Consumer Name		Electric Fire Pump		Spare		Control Panel for Jocky Pump		Control Panel for Jocky Pump		Control Panel for Diesel Fire Pump		Lighting and small DB for Fire Pump House	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E	
Rating		55kW	105A			2.2kW	5A	2.2kW	5A	3kW	5.7A	5kW	9.5A
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R250 Ir=0.8In	1	T4L250R250 Ir=250A	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.6In	1	T4L250R100 Ir=0.4In	1
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI	
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC	
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 150/1, Class 0.5	1	LMK2, 100/1, Class 0.5	1	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

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REV.	DESCRIPTION		DRAWN	WeiSen Tang	TITLE	Single Line Diagram		FUNCTION	UCS1 Compressor Station	=	SHEET	7
			CHECKED				ABB XIAMEN L.V. EQUIPMENT CO.LTD.			SCALE 1:1	TOTAL	31
CUSTOMER DRAWING NO.		REV.	APPROVED		PROJECT NO.	20130XX		PROJECT NAME	The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO.	REV. 0
			DATE	2013-7-03								

400V, 50Hz, 100KA, 1000A, 3Ø, 4 WIRE



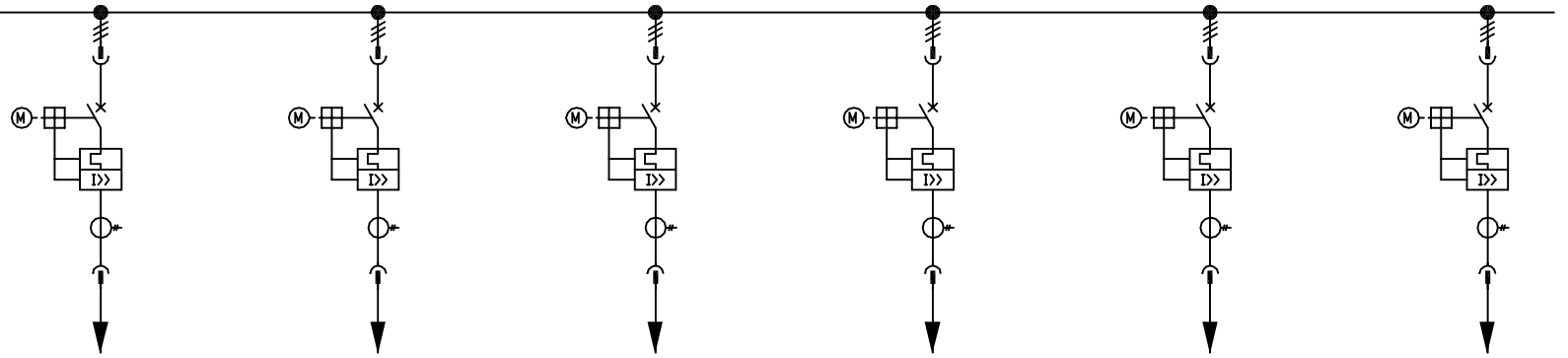
Cubicle No.		LVS-080024											
WidthXDepth		1000mmX1200mm											
Consumer Name		HVAC DB for Fire Pump House		Spare									
Module No.		G: 8E		H: 8E									
Rating		15KW 28.5A											
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=100A	1								
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI									
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC									
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 50/1, Class 1	1	LMK2, 100/1, Class 0.5	1								
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1								
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

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REV.	DESCRIPTION		DRAWN	WeiSen Tang	TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 8
			CHECKED					SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.		REV.	APPROVED		PROJECT NO. 20130XX	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
			DATE	2013-7-03					

400V, 50Hz, 100KA, 1000A, 3Ø, 4 WIRE



Cubicle No.		LVS-080023											
WidthXDepth		1000mmX1200mm											
Consumer Name		Lighting and small DB for Office Building		Lighting and small DB for Office Building		HVAC DB for Office Building		HVAC DB for Office Building		Lighting and small DB for Storage 1		HVACI DB for Storage 1	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E	
Rating		5kW	9.5A	5kW	9.5A	15KW	28.5A	15KW	28.5A	5kW	9.5A	5kW	9.5A
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI	
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC	
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 50/1, Class 1	1	LMK2, 50/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

NOTE:

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REV.	DESCRIPTION		DRAWN	WeiSen Tang	TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 9
			CHECKED					SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.		REV.	APPROVED		PROJECT NO. 20130XX	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
			DATE	2013-7-03					

400V, 50Hz, 100KA, 1000A, 3Ø, 4 WIRE



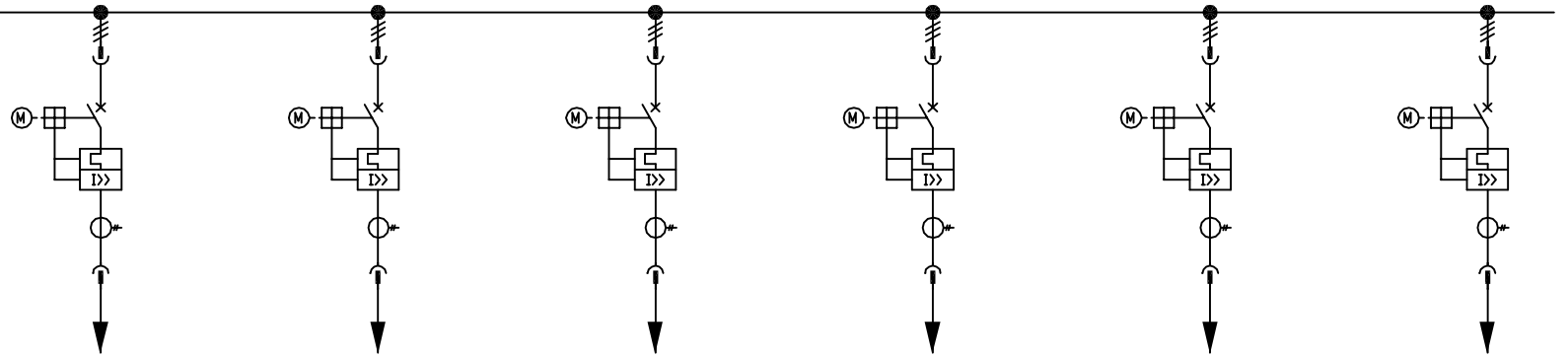
Cubicle No.		LVS-080023											
WidthXDepth		1000mmX1200mm											
Consumer Name		Lighting and small DB for Storage 2		HVACI DB for Storage 2									
Module No.		G: 8E		H: 8E									
Rating		5kW 9.5A		5kW 9.5A									
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1								
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI									
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC									
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1								
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1								
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

NOTE:

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	= SHEET 10
		CHECKED					SCALE 1:1 TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. REV. 0
		DATE	2013-7-03				

400V, 50Hz, 100KA, 1000A, 3Ø, 4 WIRE



Cubicle No.		LVS-080022											
WidthXDepth		1000mmX1200mm											
Consumer Name		Lighting and small DB for Compositive Equipment Room		HVAC DB for Compositive Equipment Room		HVAC DB for Compositive Equipment Room		AC UPS-2		AC UPS-BY PASS		Cathodic Protection Panel	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E	
Rating		5kW	9.5A	15kW	28.5A	15kW	28.5A	24kW	45.6A	24kW	45.6A	3kW	5.7A
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI	
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC	
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 30/1, Class 1	1	LMK2, 50/1, Class 1	1	LMK2, 50/1, Class 1	1	LMK2, 75/1, Class 1	1	LMK2, 75/1, Class 1	1	LMK2, 30/1, Class 1	1
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

NOTE:

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REV.	DESCRIPTION	REV.	DRAWN	WeiSen Tang	TITLE Single Line Diagram	FUNCTION UCS1 Compressor Station	=	SHEET 11
			CHECKED				SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.			APPROVED		PROJECT NO. 20130XX	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
			DATE	2013-7-03	ABB XIAMEN L.V. EQUIPMENT CO.LTD.			

400V, 50Hz, 100KA, 1000A, 3Ø, 4 WIRE



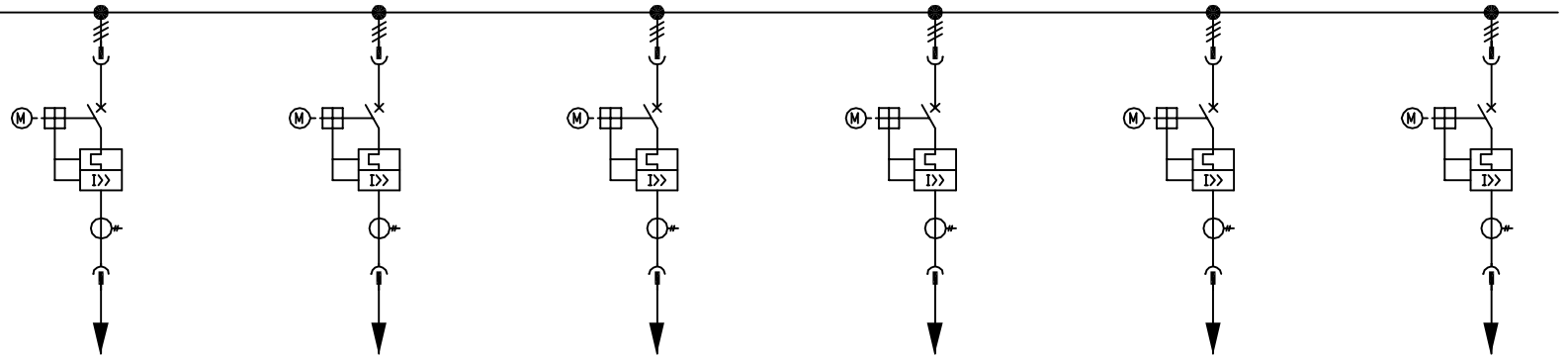
Cubicle No.		LVS-080022											
WidthXDepth		1000mmX1200mm											
Consumer Name		Cathodic Protection Panel		Spare									
Module No.		G: 8E		H: 8E									
Rating		3kW	5.7A										
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1								
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI									
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC									
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 30/1, Class 1	1	LMK2, 100/1, Class 0.5	1								
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1								
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

NOTE:

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	= SHEET 12
		CHECKED					SCALE 1:1 TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. REV. 0
		DATE	2013-7-03				

400V, 50Hz, 100KA, 1000A, 3Ø, 4 WIRE



Cubicle No.		LVS-080021											
WidthXDepth		1000mmX1200mm											
Consumer Name		MOV DB for Air Cooler Area		MOV DB for Air Cooler Area		MOV DB for Air Cooler Area		EHT DB for Air Cooler Area		MOV DB for Metering Area		EHT DB for Metering Area	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E	
Rating		10kW 19A		10kW 19A		10kW 19A		10kW 19A					
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.4In	1
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI	
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC	
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 30/1, Class 1	1
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

NOTE:

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REV.	DESCRIPTION	REV.	DRAWN	WeiSen Tang	TITLE	Single Line Diagram	FUNCTION	UCS1 Compressor Station	=	SHEET 13
			CHECKED						SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.		REV.	APPROVED		PROJECT NO.	20130XX	PROJECT NAME	The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
			DATE	2013-7-03	ABB XIAMEN L.V. EQUIPMENT CO.LTD.					

400V, 50Hz, 100KA, 1000A, 3Ø, 4 WIRE

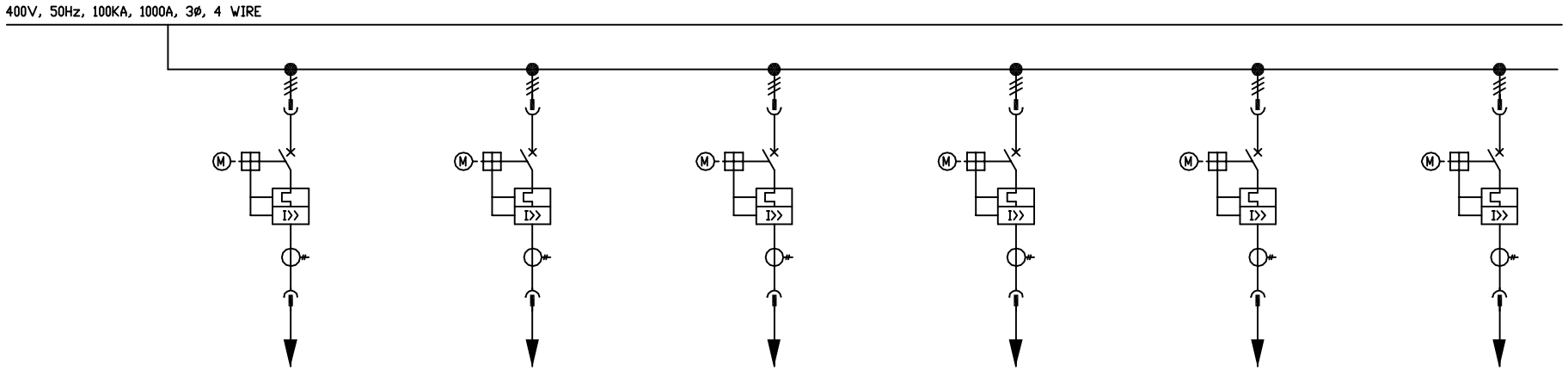


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Cubicle No.		LVS-080021											
WidthXDepth		1000mmX1200mm											
Consumer Name		Spare		Spare									
Module No.		G: 8E		H: 8E									
Rating													
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=100A	1	T4L250R100 Ir=100A	1								
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI									
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC									
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 100/1, Class 0.5	1	LMK2, 100/1, Class 0.5	1								
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1								
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

NOTE:

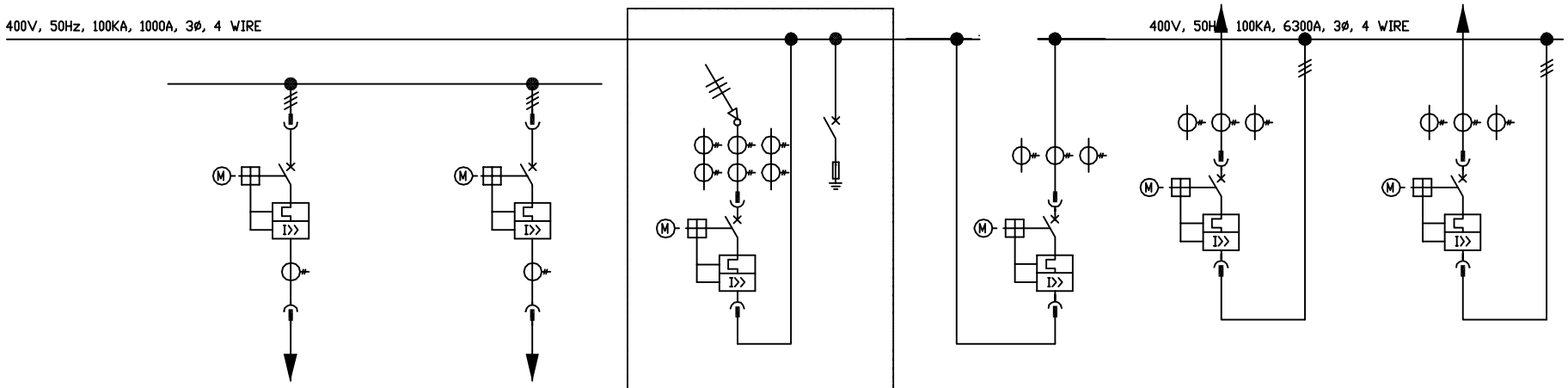
REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	=	SHEET 14
		CHECKED					SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
		DATE	2013-7-03					



Cubicle No.		LVS-080020													
WidthXDepth		1000mmX1200mm													
Consumer Name		Control panel (gas generator)		Control panel (gas generator)		Control panel (gas generator)		Control panel (diesel generator)		Lighting and small DB for Generor and Distribution Building		HVAC DB for Generor and Distribution Building	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E	
Rating		30kW	57A	30kW	57A	30kW	57A	25kW	47A	10kW	19A	30kW	57A
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=0.8In	1	T4L250R100 Ir=0.8In	1	T4L250R100 Ir=0.8In	1	T4L250R100 Ir=0.8In	1	T4L250R100 Ir=0.4In	1	T4L250R100 Ir=0.6In	1
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI	
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC	
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 75/1, Class 1	1	LMK2, 75/1, Class 1	1	LMK2, 75/1, Class 1	1	LMK2, 75/1, Class 1	1	LMK2, 30/1, Class 1	1	LMK2, 75/1, Class 1	1
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												
NOTE:													

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	FUNCTION UCS1 Compressor Station	=	SHEET 15
		CHECKED				SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
		DATE	2013-7-03	ABB XIAMEN L.V. EQUIPMENT CO.LTD.			



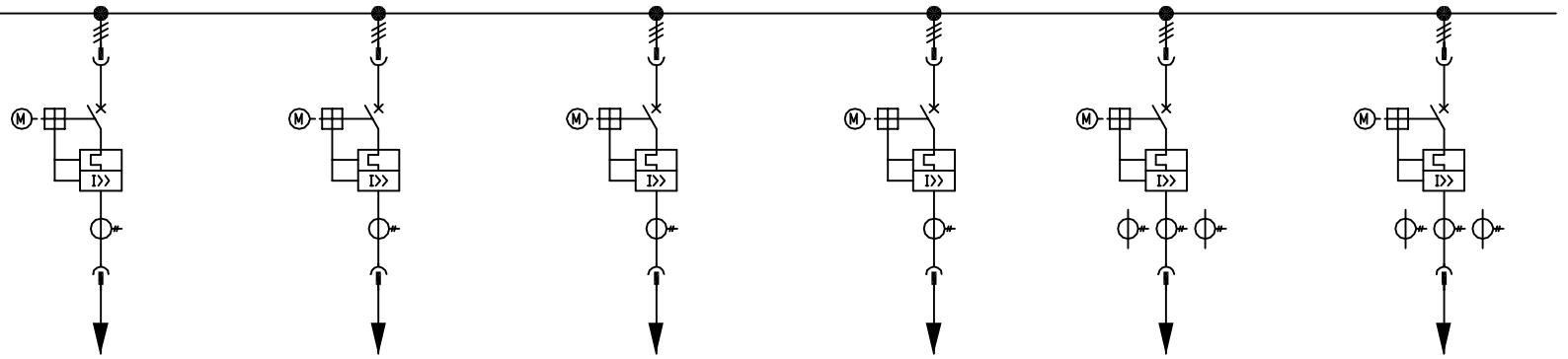
Cubicle No.		LVS-080020				LVS-080019		LVS-080018		LVS-080017		LVS-080016			
WidthXDepth		1000mmX1200mm				1000mmX1200mm		1200mmX1200mm		800mmX1200mm		800mmX1200mm			
Consumer Name		Spare		Spare		Diesel generator (Standby)		Bus tie		Copper bus bar (2500A)		Copper bus bar (2500A)			
Module No.		G: 8E		H: 8E		A: 72E		A: 72E		A: 72E		A: 72E			
Rating						300KW	585A		585A	250KW	630A	250KW	630A		
Drawing No.															
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.		
1	Circuit Breaker	T4L250R100 Ir=100A	1	T4L250R100 Ir=100A	1	E3H1250R1000	1	E3H1250R1000	1	E3H2500R2500 Ir=0.6In	1	E3H2500R2500 Ir=0.6In	1		
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		PR122/P-LSI,WMP,4P,HR		PR122/P-LSI,WMP,3P,HR		PR122/P-LSI,WMP,3P,HR		PR122/P-LSI,WMP,3P,HR			
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		MYOYCYU220VAC,10CO		MYOYC220VAC,10CO		MYOYC220VAC,10CO		MYOYC220VAC,10CO			
2	Contactor														
3	Thermal Relay														
4	Capacitor														
5	Controller														
6	Communication Module														
7	CT	LMK2, 100/1, Class 0.5	1	LMK2, 100/1, Class 0.5	1	LMK2,800/5A ,Class0.5 ,10VA	3	LMK2,800/5A,40VA,Class 0.2	3	LMK2,2500/5A ,Class0.5 ,10VA	3	LMK2,2500/5A ,Class0.5 ,10VA	3		
8	A-meter														
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PD510-M14/R/2DI/2DO	1	PD510-M14/R/2DI/2DO	1	PD510-M14/R/2DI/2DO	1	PD510-M14/R/2DI/2DO	1		
10	Zero Current Transformer														
11	Earth Fault Relay					T4L250R100,4P,FF,PR221DS-LSI	1								
12	备注 Remark					OVR BT2 100-440s P TS	4								
13	备注 Remark					LMK2,800/5A ,5P10 ,25VA	3								
14	备注 Remark														
15	备注 Remark														
16	备注 Remark														
17	Power Cable Tag Number														
18	Power Cable Section					CU/XLPE/PVC/FRLS 2*(4*240+120)									

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE	Single Line Diagram	FUNCTION	UCS1 Compressor Station	=	SHEET 16
		CHECKED						SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO.	20130XX	PROJECT NAME	The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
		DATE	2013-7-03	ABB XIAMEN L.V. EQUIPMENT CO.LTD.					

400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



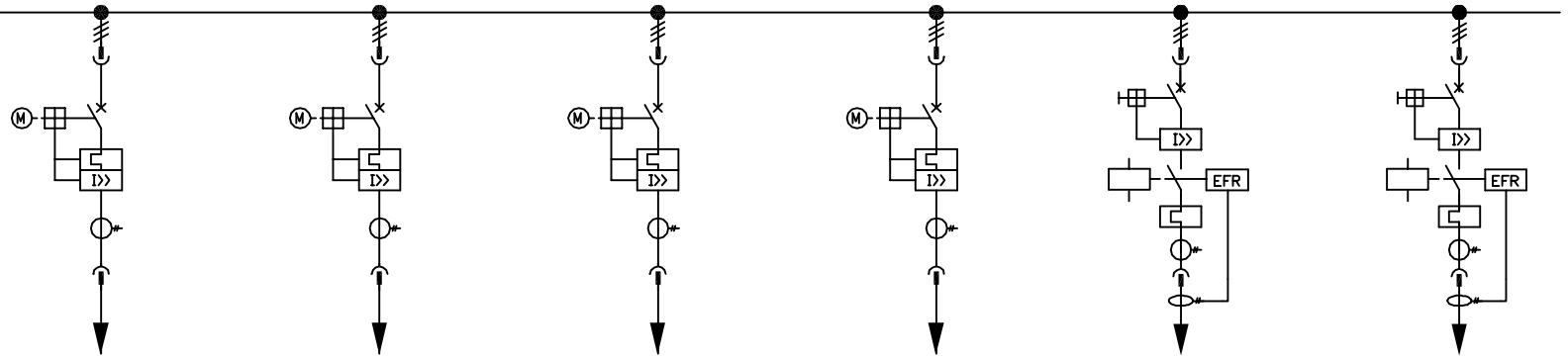
Cubicle No.		LVS-080015											
WidthXDepth		1000mmX1200mm											
Consumer Name		Spare		Spare		Spare		PLC panel Waste heat boiler		Air conpressor		(self-used gas skid)	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 16E		F: 16E	
Rating								35KW 65A		160KW 304A		150KW(spare) 285A(spare)	
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R160 Ir=160A	1	T4L250R160 Ir=160A	1	T4L250R100 Ir=100A	1	T4L250R160 Ir=0.7In	1	T5L400R400 Ir=0.7In	1	T5L630R630 Ir=0.8In	1
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI	
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC	
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 30/1, Class 0.5	1	LMK2, 150/1, Class 0.5	1	LMK2, 100/1, Class 0.5	1	LMK2, 75/1, Class 1	1	LMK2,300/5A,Class0.5	3	LMK2,600/5A,Class0.5	3
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A44/R/2DI/2DO	1	PA510-A44/R/2DI/2DO	1
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section							CU/XLPE/PVC/FRLS 4*70+1*35		CU/XLPE/PVC/FRLS 2(4*150+1*70)		CU/XLPE/PVC/STA/FRLS 4*240+1*120	

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REV.	DESCRIPTION		DRAWN	WeiSen Tang	TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 17
			CHECKED					SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.		REV.	APPROVED		PROJECT NO. 20130XX	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
			DATE	2013-7-03					

400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



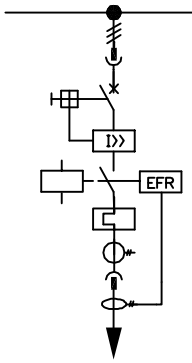
Cubicle No.		LVS-080014											
WidthXDepth		1000mmX1200mm											
Consumer Name		Crane 3		AC UPS-1		Spare		Spare		Air Cooler 314 1#		Air Cooler 314 2#	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E	
Rating		15kW 28.6A		24kW 45.6A						37kW 71.0A		37kW 71.0A	
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=0.6In	1	T4L250R100 Ir=0.6In	1	T4L250R100 Ir=100A	1	T4L250R100 Ir=100A	1	T4L250 MA100	1	T4L250 MA100	1
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF		3P,FF	
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY		1Q+1SY	
2	Contactor									A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1
3	Thermal Relay									TA75DU80+DB80	1	TA75DU80+DB80	1
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 50/1, Class 1	1	LMK2, 75/1, Class 1	1	LMK2, 100/1, Class 0.5	1	LMK2, 100/1, Class 0.5	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1
10	Zero Current Transformer									HYCT670F	1	HYCT670F	1
11	Earth Fault Relay									HY6801M	1	HY6801M	1
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section	CU/XLPE/PVC/STA/FRLS 5*16		CU/XLPE/PVC/STA 5*16						CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25	

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	FUNCTION UCS1 Compressor Station	=	SHEET 18
		CHECKED				SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
		DATE	2013-7-03	ABB XIAMEN L.V. EQUIPMENT CO.LTD.			

400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



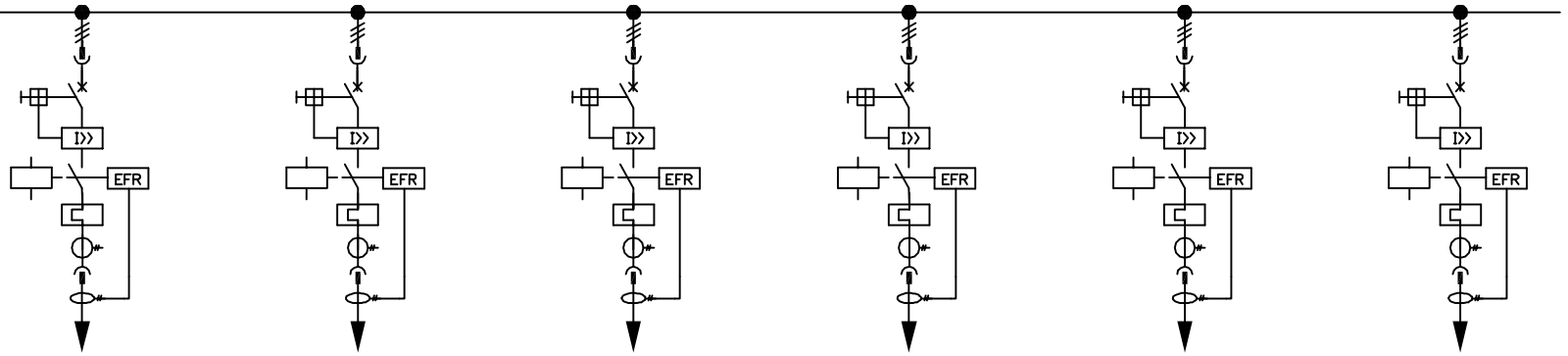
Cubicle No.		LVS-080014											
WidthXDepth		1000mmX1200mm											
Consumer Name		Spare											
Module No.		G: 8E											
Rating													
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250 MA100	1										
	Specification	3P,FF											
	Accessory	1Q+1SY											
2	Contactor	A145-30-11(2*CAL18-11),220VAC	1										
3	Thermal Relay	TA75DU80+DB80	1										
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 75/1, Class 1, 2.5VA	1										
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO/1M	1										
10	Zero Current Transformer	HYCT670F	1										
11	Earth Fault Relay	HY6801M	1										
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	FUNCTION UCS1 Compressor Station	=	SHEET 19
		CHECKED				SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
		DATE	2013-7-03	ABB XIAMEN L.V. EQUIPMENT CO.LTD.			

400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



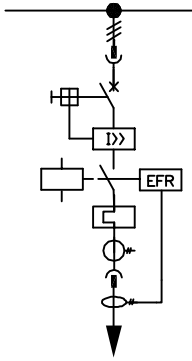
Cubicle No.		LVS-080013											
WidthXDepth		1000mmX1200mm											
Consumer Name		Air Cooler 308 1#		Air Cooler 308 2#		Air Cooler 310 1#		Air Cooler 310 2#		Air Cooler 312 1#		Air Cooler 312 2#	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E	
Rating		37kW 71.0A		37kW 71.0A		37kW 71.0A		37kW 71.0A		37kW 71.0A		37kW 71.0A	
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1
	Specification	3P,FF		3P,FF		3P,FF		3P,FF		3P,FF		3P,FF	
	Accessory	1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY	
2	Contactor	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1
3	Thermal Relay	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1
10	Zero Current Transformer	HYCT670F	1	HYCT670F	1	HYCT670F	1	HYCT670F	1	HYCT670F	1	HYCT670F	1
11	Earth Fault Relay	HY6801M	1	HY6801M	1	HY6801M	1	HY6801M	1	HY6801M	1	HY6801M	1
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section	CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25	

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	FUNCTION UCS1 Compressor Station	=	SHEET 20
		CHECKED				SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
		DATE	2013-7-03	ABB XIAMEN L.V. EQUIPMENT CO.LTD.			

400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



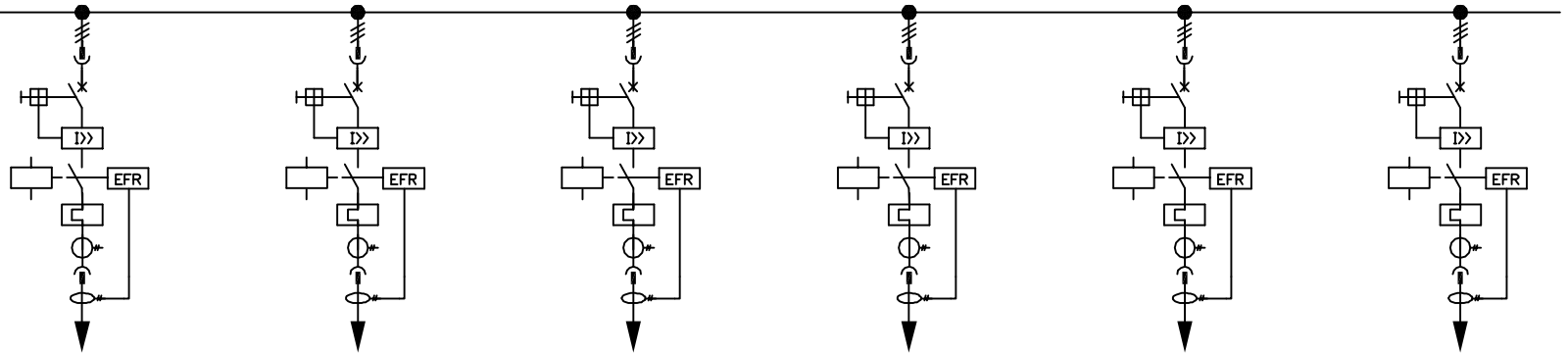
Cubicle No.		LVS-080013											
WidthXDepth		1000mmX1200mm											
Consumer Name		Spare											
Module No.		G: 8E											
Rating													
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250 MA100	1										
	Specification	3P,FF											
	Accessory	1Q+1SY											
2	Contactor	A145-30-11(2*CAL18-11),220VAC	1										
3	Thermal Relay	TA75DU80+DB80	1										
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 75/1, Class 1, 2.5VA	1										
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO/1M	1										
10	Zero Current Transformer	HYCT670F	1										
11	Earth Fault Relay	HY6801M	1										
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

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REV.	DESCRIPTION		DRAWN	WeiSen Tang	TITLE	Single Line Diagram		FUNCTION	UCS1 Compressor Station	=	SHEET 21
			CHECKED							SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.		REV.	APPROVED		PROJECT NO.	20130XX	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME	The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
			DATE	2013-7-03							

400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



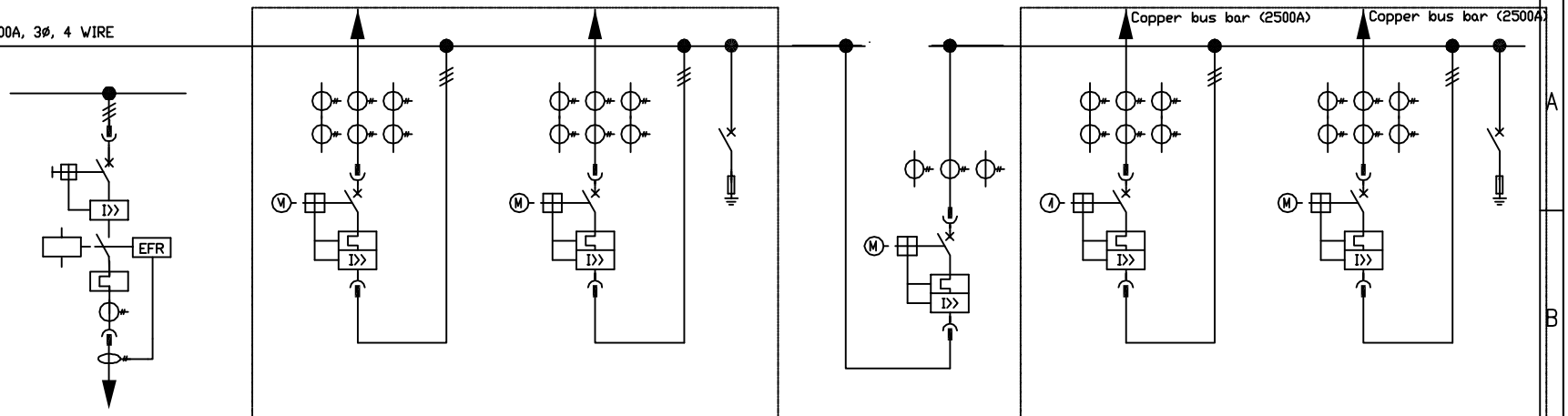
Cubicle No.		LVS-080012											
WidthXDepth		1000mmX1200mm											
Consumer Name		Air Cooler 302 1#		Air Cooler 302 2#		Air Cooler 304 1#		Air Cooler 304 2#		Air Cooler 306 1#		Air Cooler 306 2#	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E	
Rating		37kW	71.0A	37kW	71.0A	37kW	71.0A	37kW	71.0A	37kW	71.0A	37kW	71.0A
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1
	Specification	3P,FF		3P,FF		3P,FF		3P,FF		3P,FF		3P,FF	
	Accessory	1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY	
2	Contactor	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1
3	Thermal Relay	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1
10	Zero Current Transformer	HYCT670F	1	HYCT670F	1	HYCT670F	1	HYCT670F	1	HYCT670F	1	HYCT670F	1
11	Earth Fault Relay	HY6801M	1	HY6801M	1	HY6801M	1	HY6801M	1	HY6801M	1	HY6801M	1
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section	CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25	

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	SHEET 22
		CHECKED					SCALE 1:1 TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. REV. 0
		DATE	2013-7-03				

400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



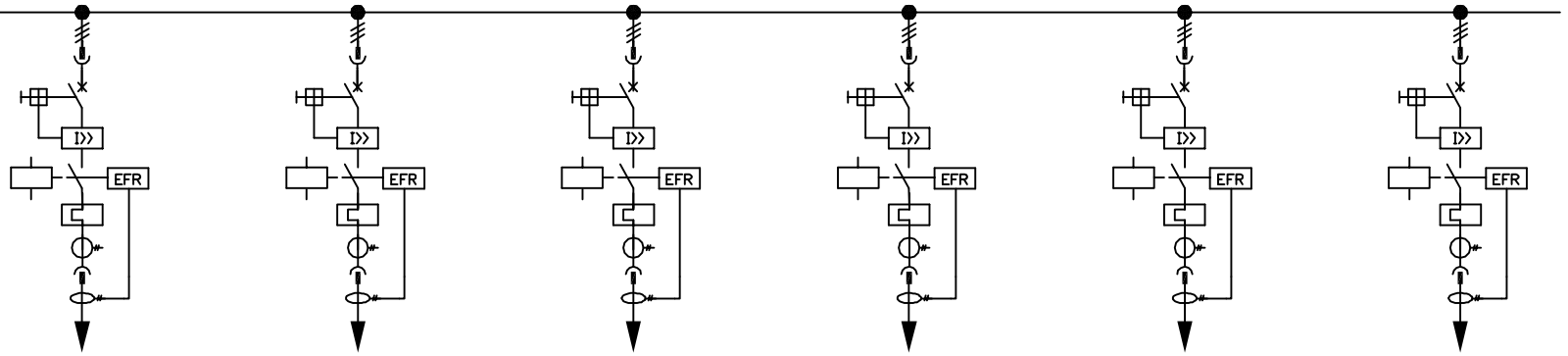
Cubicle No.		LVS-080012		LVS-080011		LVS-080010		LVS-080009		LVS-080008		LVS-080007	
WidthXDepth		1000mmX1200mm		1000mmX1200mm		1000mmX1200mm		1200mmX1200mm		1000mmX1200mm		1000mmX1200mm	
Consumer Name		Spare		Gas generator GDG-080004		Gas generator GDG-080002		Bus tie		Gas generator GDG-080001		Gas generator GDG-080003	
Module No.		G: 8E		A: 72E		A: 72E		A: 72E		A: 72E		A: 72E	
Rating				1000KW 1899A		2500A		585A		1000KW 1899A		2500A	
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250 MA100	1	E3H3200R3200 Ir=0.7In	1	E3H3200R3200 Ir=0.7In	1	E6H5000R5000	1	E3H3200R3200 Ir=0.7In	1	E3H3200R3200 Ir=0.7In	1
	Specification	3P,FF		PR122/P-LSI,WMP,4P,HR		PR122/P-LSI,WMP,4P,HR		PR122/P-LSI,WMP,3P,HR		PR122/P-LSI,WMP,4P,HR		PR122/P-LSI,WMP,4P,HR	
	Accessory	1Q+1SY		MYOYCYU220VAC,10CO		MYOYCYU220VAC,10CO		MYOYC220VAC,10CO		MYOYCYU220VAC,10CO		MYOYCYU220VAC,10CO	
2	Contactor	A145-30-11(2*CAL18-11),220VAC	1										
3	Thermal Relay	TA75DU80+DB80	1										
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 75/1, Class 1, 2.5VA	1	LMK2,2500/5A ,Class0.5 ,10VA	3	LMK2,2500/5A ,Class0.5 ,10VA	3	LMK2,5000/5A,40VA,Class 0.2	3	LMK2,2500/5A ,Class0.5 ,10VA	3	LMK2,2500/5A ,Class0.5 ,10VA	3
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO/1M	1	PD510-M14/R/2DI/2DO	1	PD510-M14/R/2DI/2DO	1	PD510-M14/R/2DI/2DO	1	PD510-M14/R/2DI/2DO	1	PD510-M14/R/2DI/2DO	1
10	Zero Current Transformer	HYCT670F	1										
11	Earth Fault Relay	HY6801M	1			T4L250R100,4P,FF,PR221DS-LSI	1					T4L250R100,4P,FF,PR221DS-LSI	1
12	备注 Remark					OVR BT2 100-440s P TS	4					OVR BT2 100-440s P TS	4
13	备注 Remark			LMK2,2500/5A ,5P10 ,25VA	3	LMK2,2500/5A ,5P10 ,25VA	3			LMK2,2500/5A ,5P10 ,25VA	3	LMK2,2500/5A ,5P10 ,25VA	3
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	FUNCTION UCS1 Compressor Station	=	SHEET 23
		CHECKED				SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
		DATE	2013-7-03	ABB XIAMEN L.V. EQUIPMENT CO.LTD.			

400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



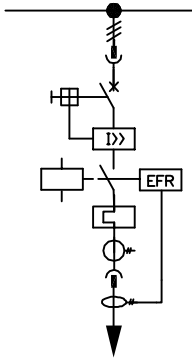
Cubicle No.		LVS-080006											
WidthXDepth		1000mmX1200mm											
Consumer Name		Air Cooler 301 1#		Air Cooler 301 2#		Air Cooler 303 1#		Air Cooler 303 2#		Air Cooler 305 1#		Air Cooler 305 2#	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E	
Rating		37kW 71.0A		37kW 71.0A		37kW 71.0A		37kW 71.0A		37kW 71.0A		37kW 71.0A	
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1
	Specification	3P,FF		3P,FF		3P,FF		3P,FF		3P,FF		3P,FF	
	Accessory	1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY	
2	Contactor	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1
3	Thermal Relay	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1
10	Zero Current Transformer	HYCT670F	1	HYCT670F	1	HYCT670F	1	HYCT670F	1	HYCT670F	1	HYCT670F	1
11	Earth Fault Relay	HY6801M	1	HY6801M	1	HY6801M	1	HY6801M	1	HY6801M	1	HY6801M	1
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section	CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25	

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	FUNCTION UCS1 Compressor Station	=	SHEET 24
		CHECKED				SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
		DATE	2013-7-03	ABB XIAMEN L.V. EQUIPMENT CO.LTD.			

400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



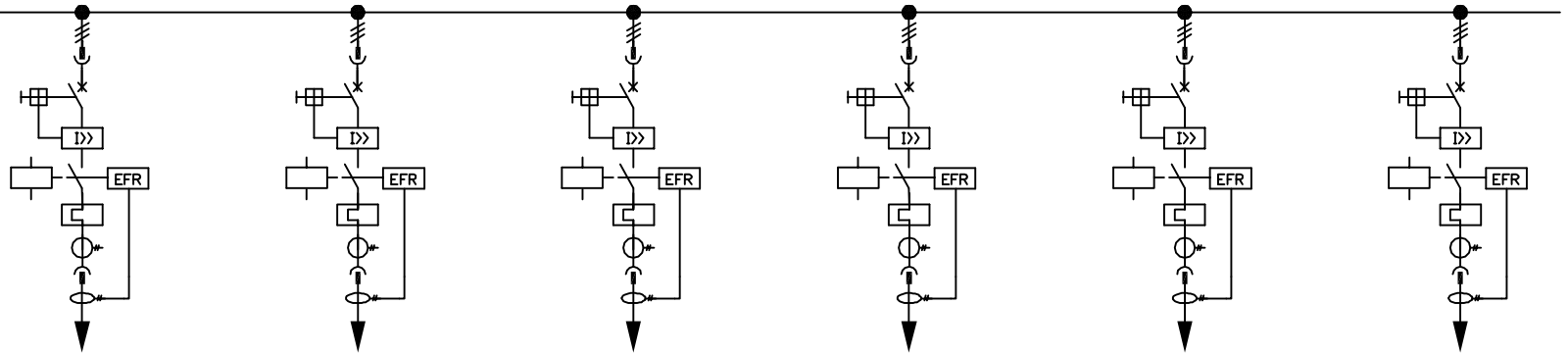
Cubicle No.		LVS-080006											
WidthXDepth		1000mmX1200mm											
Consumer Name		Spare											
Module No.		G: 8E											
Rating													
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250 MA100	1										
	Specification	3P,FF											
	Accessory	1Q+1SY											
2	Contactor	A145-30-11(2*CAL18-11),220VAC	1										
3	Thermal Relay	TA75DU80+DB80	1										
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 75/1, Class 1, 2.5VA	1										
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO/1M	1										
10	Zero Current Transformer	HYCT670F	1										
11	Earth Fault Relay	HY6801M	1										
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

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REV.	DESCRIPTION		DRAWN	WeiSen Tang	TITLE	Single Line Diagram		FUNCTION	UCS1 Compressor Station	=	SHEET	25
			CHECKED							SCALE 1:1	TOTAL	31
CUSTOMER DRAWING NO.		REV.	APPROVED		PROJECT NO.	20130XX	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME	The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO.	REV. 0
			DATE	2013-7-03								

400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



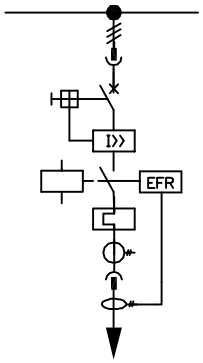
Cubicle No.		LVS-080005											
WidthXDepth		1000mmX1200mm											
Consumer Name		Air Cooler 307 1#		Air Cooler 307 2#		Air Cooler 309 1#		Air Cooler 309 2#		Air Cooler 311 1#		Air Cooler 311 2#	
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E	
Rating		37kW 71.0A		37kW 71.0A		37kW 71.0A		37kW 71.0A		37kW 71.0A		37kW 71.0A	
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1
	Specification	3P,FF		3P,FF		3P,FF		3P,FF		3P,FF		3P,FF	
	Accessory	1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY	
2	Contactor	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1
3	Thermal Relay	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1
10	Zero Current Transformer	HYCT670F	1	HYCT670F	1	HYCT670F	1	HYCT670F	1	HYCT670F	1	HYCT670F	1
11	Earth Fault Relay	HY6801M	1	HY6801M	1	HY6801M	1	HY6801M	1	HY6801M	1	HY6801M	1
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section	CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25	

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	SHEET 26
		CHECKED					SCALE 1:1 TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. REV. 0
		DATE	2013-7-03				

400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



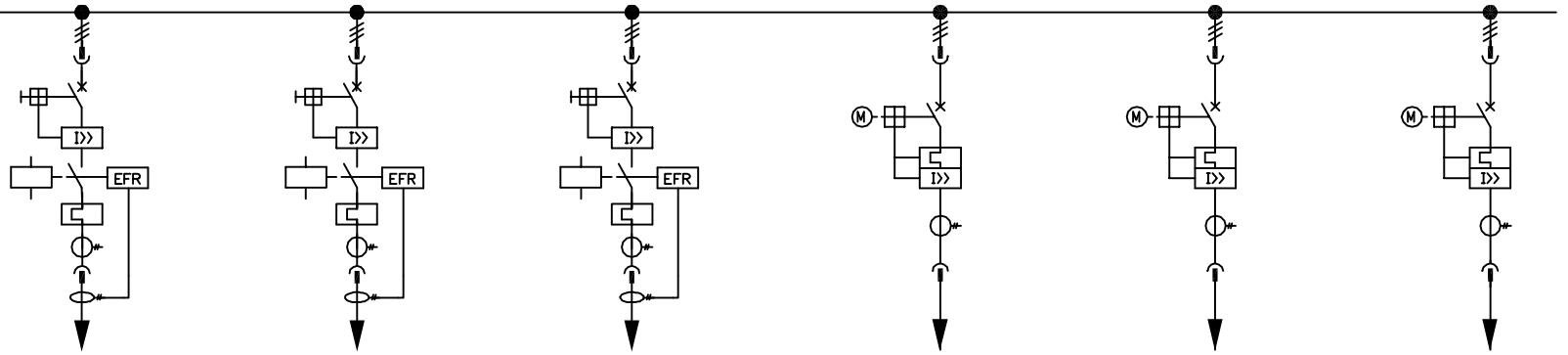
Cubicle No.		LVS-080005											
WidthXDepth		1000mmX1200mm											
Consumer Name		Spare											
Module No.		G: 8E											
Rating													
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250 MA100	1										
	Specification	3P,FF											
	Accessory	1Q+1SY											
2	Contactor	A145-30-11(2*CAL18-11),220VAC	1										
3	Thermal Relay	TA75DU80+DB80	1										
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 75/1, Class 1, 2.5VA	1										
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO/1M	1										
10	Zero Current Transformer	HYCT670F	1										
11	Earth Fault Relay	HY6801M	1										
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

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REV.	DESCRIPTION		DRAWN	WeiSen Tang	TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 27
			CHECKED					SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.		REV.	APPROVED		PROJECT NO. 20130XX	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
			DATE	2013-7-03					

400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



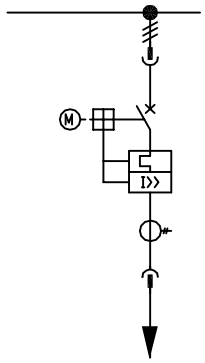
Cubicle No.		LVS-080004													
WidthXDepth		1000mmX1200mm													
Consumer Name		Air Cooler 313 1#		Air Cooler 313 2#		Spare		Crane 2		Crane 1		Spare			
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 8E		F: 8E			
Rating		37kW	71.0A	37kW	71.0A			15kW	28.6A	15kW	28.6A				
Drawing No.															
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.		
1	Circuit Breaker	T4L250 MA100	1	T4L250 MA100	1	T4L250 MA100	1	T4L250R100 Ir=0.6In	1	T4L250R100 Ir=0.6In	1	T4L250R100 Ir=100A	1		
	Specification	3P,FF		3P,FF		3P,FF		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI			
	Accessory	1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC			
2	Contactor	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1	A145-30-11(2*CAL18-11),220VAC	1								
3	Thermal Relay	TA75DU80+DB80	1	TA75DU80+DB80	1	TA75DU80+DB80	1								
4	Capacitor														
5	Controller														
6	Communication Module														
7	CT	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 75/1, Class 1, 2.5VA	1	LMK2, 50/1, Class 1	1	LMK2, 50/1, Class 1	1	LMK2, 100/1, Class 0.5	1		
8	A-meter														
9	Multifunction Meter	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO/1M	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1		
10	Zero Current Transformer	HYCT670F	1	HYCT670F	1	HYCT670F	1								
11	Earth Fault Relay	HY6801M	1	HY6801M	1	HY6801M	1								
12	备注 Remark														
13	备注 Remark														
14	备注 Remark														
15	备注 Remark														
16	备注 Remark														
17	Power Cable Tag Number														
18	Power Cable Section	CU/XLPE/PVC/STA/FRLS 3*50+1*25		CU/XLPE/PVC/STA/FRLS 3*50+1*25				CU/XLPE/PVC/STA/FRLS 5*16		CU/XLPE/PVC/STA/FRLS 5*16					

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	FUNCTION UCS1 Compressor Station	=	SHEET 28
		CHECKED				SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
		DATE	2013-7-03	ABB XIAMEN L.V. EQUIPMENT CO.LTD.			

400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



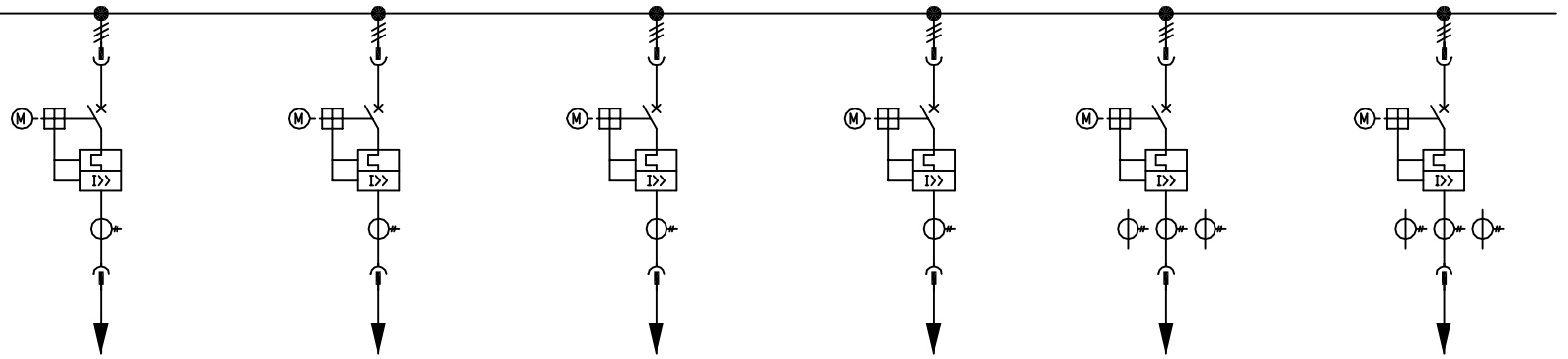
Cubicle No.		LVS-080004											
WidthXDepth		1000mmX1200mm											
Consumer Name		Spare											
Module No.		G: 8E											
Rating													
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100 Ir=100A	1										
	Specification	3P,FF,PR221DS-LSI											
	Accessory	1Q+1SY,MOE 220-250VAC											
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2, 100/1, Class 0.5	1										
8	A-meter												
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1										
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												
NOTE:													

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	FUNCTION UCS1 Compressor Station	=	SHEET 29
		CHECKED				SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
		DATE	2013-7-03	ABB XIAMEN L.V. EQUIPMENT CO.LTD.			

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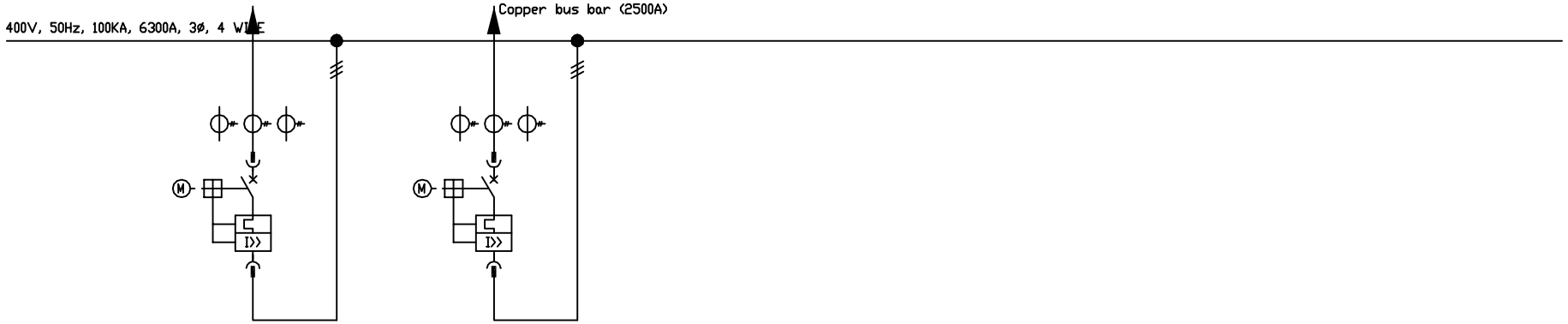
400V, 50Hz, 100KA, 6300A, 3Ø, 4 WIRE



Cubicle No.		LVS-080003													
WidthXDepth		1000mmX1200mm													
Consumer Name		Spare		Spare		Spare		PLC panel Waste heat boiler		Air conpressor		(self-used gas skid)			
Module No.		A: 8E		B: 8E		C: 8E		D: 8E		E: 16E		F: 16E			
Rating								35KW	65A	160KW	304A	150KW(spare)	285A(spare)		
Drawing No.															
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.		
1	Circuit Breaker	T4L250R160 Ir=160A	1	T4L250R160 Ir=160A	1	T4L250R100 Ir=100A	1	T4L250R160 Ir=0.6In	1	T5L400R400 Ir=0.7In	1	T5L630R630 Ir=0.8In	1		
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI			
	Accessory	1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC		1Q+1SY,MOE 220-250VAC			
2	Contactor														
3	Thermal Relay														
4	Capacitor														
5	Controller														
6	Communication Module														
7	CT	LMK2, 150/1, Class 0.5	1	LMK2, 150/1, Class 0.5	1	LMK2, 100/1, Class 0.5	1	LMK2, 75/1, Class 1	1	LMK2,300/5A,Class0.5	3	LMK2,600/5A,Class0.5	3		
8	A-meter														
9	Multifunction Meter	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A41/R/2DI/2DO	1	PA510-A44/R/2DI/2DO	1	PA510-A44/R/2DI/2DO	1		
10	Zero Current Transformer														
11	Earth Fault Relay														
12	备注 Remark														
13	备注 Remark														
14	备注 Remark														
15	备注 Remark														
16	备注 Remark														
17	Power Cable Tag Number														
18	Power Cable Section							CU/XLPE/PVC/FRLS 4*70+1*35		CU/XLPE/PVC/FRLS 2(4*150+1*70)		CU/XLPE/PVC/STA/FRLS 4*240+1*120			

NOTE:

REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	FUNCTION UCS1 Compressor Station	=	SHEET 30
		CHECKED				SCALE 1:1	TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. / REV. 0
		DATE	2013-7-03	ABB XIAMEN L.V. EQUIPMENT CO.LTD.			



Cubicle No.		LVS-080002		LVS-080001									
WidthXDepth		800mmX1200mm		800mmX1200mm									
Consumer Name		Spare		MCC-1									
Module No.		A: 72E		A: 72E									
Rating				250KW 630A									
Drawing No.													
Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	E3H2500R2500 Ir=0.6In	1	E3H2500R2500 Ir=0.6In	1								
	Specification	PR122/P-LSI,WMP,3P,HR		PR122/P-LSI,WMP,3P,HR									
	Accessory	MYOYC220VAC,10CO		MYOYC220VAC,10CO									
2	Contactor												
3	Thermal Relay												
4	Capacitor												
5	Controller												
6	Communication Module												
7	CT	LMK2,2500/5A ,Class0.5	3	LMK2,2500/5A ,Class0.5	3								
8	A-meter												
9	Multifunction Meter	PD510-M14/R/2DI/2DO	1	PD510-M14/R/2DI/2DO	1								
10	Zero Current Transformer												
11	Earth Fault Relay												
12	备注 Remark												
13	备注 Remark												
14	备注 Remark												
15	备注 Remark												
16	备注 Remark												
17	Power Cable Tag Number												
18	Power Cable Section												

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REV.	DESCRIPTION	DRAWN	WeiSen Tang	TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	= SHEET 31
		CHECKED					SCALE 1:1 TOTAL 31
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. 20130XX		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. REV. 0
		DATE	2013-7-03				