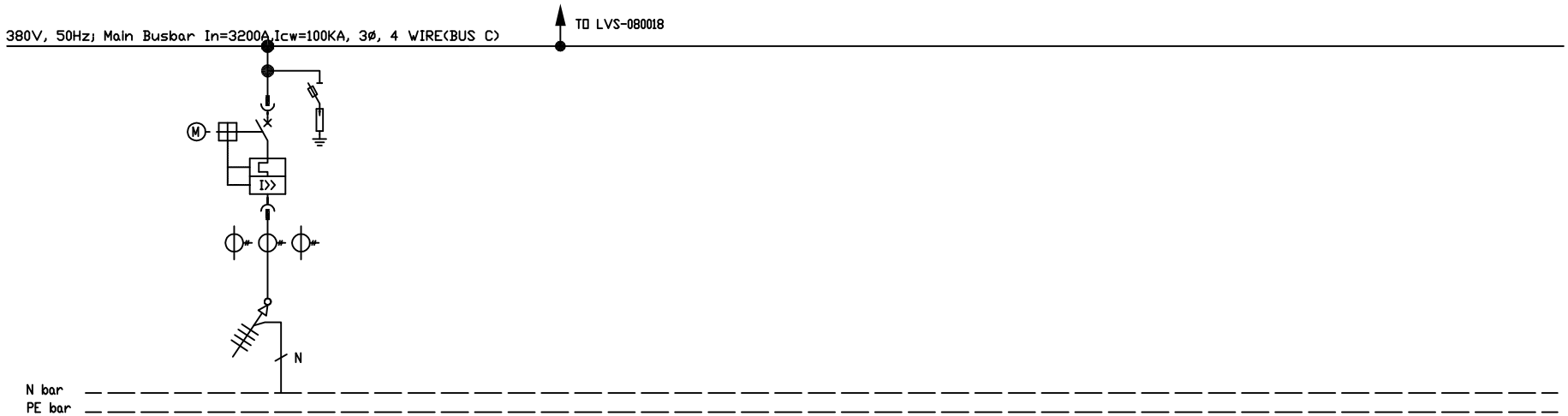


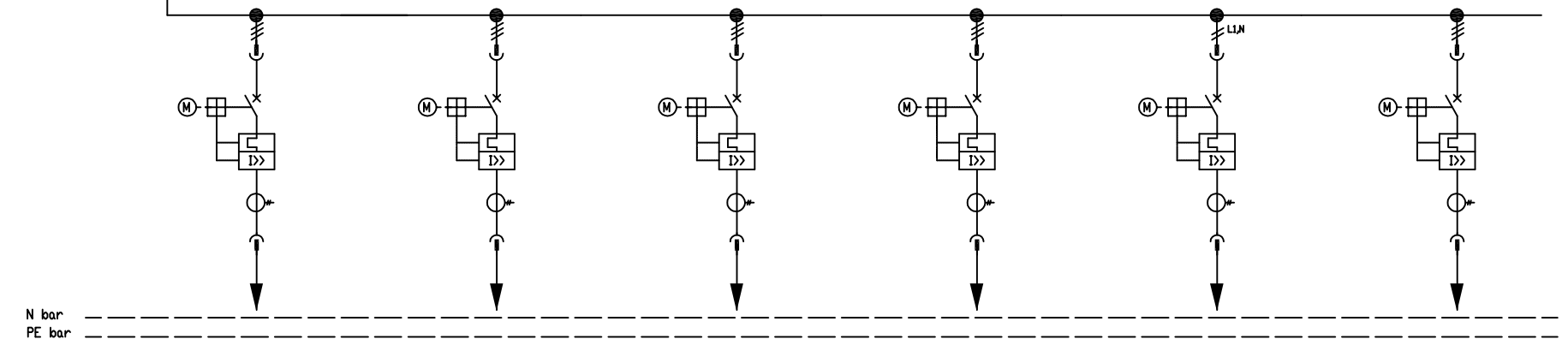
Cubicle No.		LVS-080019											
WidthXDepth		800mm × 1200mm											
Consumer Name		Diesel generator(standby) Дизельный генератор											
Module No.		A : 72E											
Rating		300kW 585A											
Drawing No.		1TNR003373D3001											
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	E3H1000R1000	1										
	Specification	PR122/P-LSIG WMP3P,HR											
	Accessory	MY□YCYU220VAC,10C□											
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LN7,1000/5A,Class0.2,15VA	3										
8	A-Meter												
9	Multifuntion Meter	PD510H-M14/R/4DI/2DO/H(5A)	1										
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD	XLP00-160A	1										
13	SPD	□VR T1 3N-25-255 TS	1										
14	Fuse	NT00-160A,gL/gG	3										
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	4x(4x185+1x95) mm2											

Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	=	SHEET 1
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)

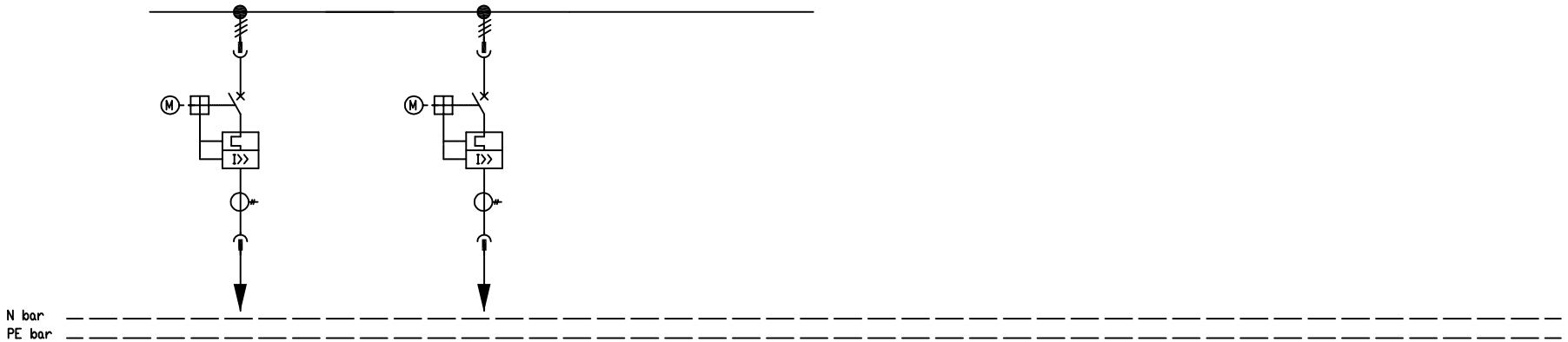


Cubicle No.		LVS-080020											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Control panel (gas generator 1) Панель управления генератора		Control panel (gas generator 2) Панель управления генератора		Control panel (gas generator 3) Панель управления генератора		Control panel (gas generator 4) Панель управления генератора		Control panel (diesel generator) Панель управления дизель генератором		Lighting and small DB for Generator and Distribution Building Распределительный щит Здание генератора и электрораспределения	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		50kW	95A	50kW	95A	50kW	95A	50kW	95A	2.5kW		14.2kW	27A
Drawing No.		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3009		1TNR003373D3005	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R160	1	T4L250R160	1	T4L250R160	1	T4L250R160	1	T4L250TMD32	1	T4L250TMD50	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		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE	
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,150/5,Class 0.5,2.5VA	1	LNC2A,150/5,Class 0.5,2.5VA	1	LNC2A,150/5,Class 0.5,2.5VA	1	LNC2A,150/5,Class 0.5,2.5VA	1	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,50/5,Class0.5,2.5VA,3T	1
8	A-Meter	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	4x50 mm2+1x25 mm2		4x50 mm2+1x25 mm2		4x50 mm2+1x25 mm2		4x50 mm2+1x25 mm2		4x4 mm2		5x10 mm2	
Note:													

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	= SHEET 2
		CHECKED					SCALE 1:1 TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001 REV. F
		DATE					

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)



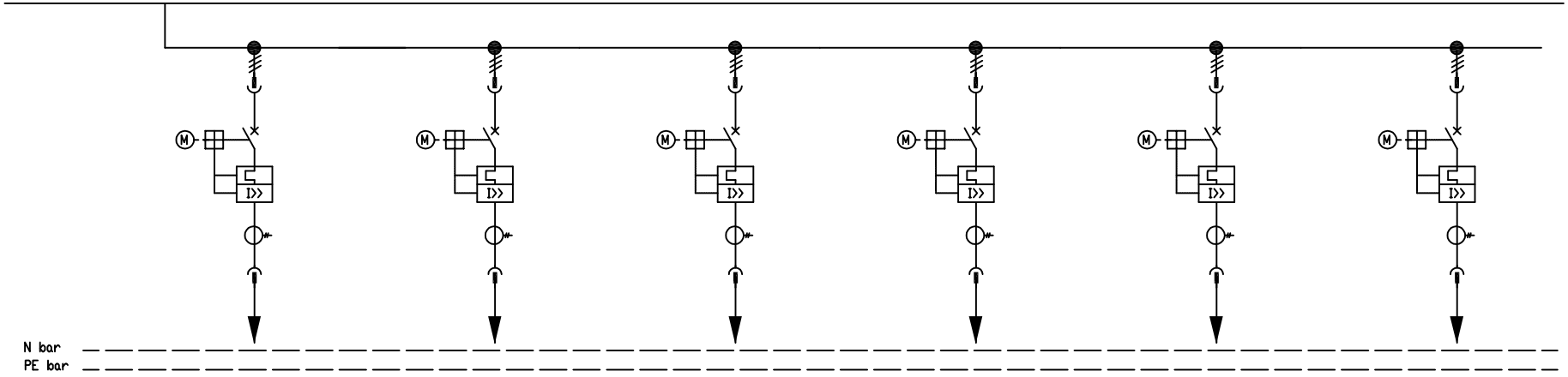
Cubicle No.		LVS-080020											
WidthXDepth		1000mm × 1200mm											
Consumer Name		HVAC DB for Generator and Distribution Building Распределительный щит Здание енератора и электрораспределения		HVAC DB for Generator and Distribution Building Распределительный щит Здание генератора и электрораспределения		Spare Space							
Module No.		G : 8E		H : 8E		I : 8E							
Rating		37.4kW 56.8A		8.3kW 12.6A									
Drawing No.		1TNR003373D3005		1TNR003373D3005									
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100	1	T4L250TMD32	1								
	Specification	3P,FF,PR221DS-LSI		3P,FF									
	Accessory	1Q+1SY M□E		1Q+1SY M□E									
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,30/5,Class0.5,2.5VA,5T	1								
8	A-Meter	PA510H-A41/R/2DI/2D□(5A)	1	PA510H-A41/R/2DI/2D□(5A)	1								
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	4x25+1x16 mm2		5x10 mm2									
Note:													

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 3
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)

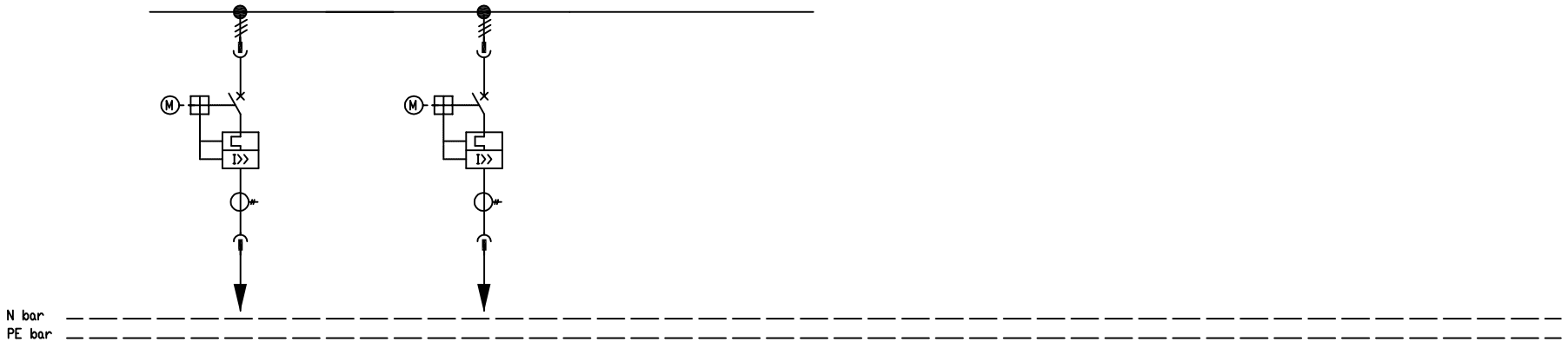


Cubicle No.		LVS-080021															
WidthXDepth		1000mm × 1200mm															
Consumer Name		MOV DB for Air Cooler Area Распределительный щит установки аппаратов воздушного охлаждения		MOV DB for Air Cooler Area Распределительный щит установки аппаратов воздушного охлаждения		MOV DB for Filter Area Распределительный щит Устатовки.очистки газа		EHT DB for Filter Area Распределительный щит Установки.очистки газа		MOV DB for Metering Area Распределительный щит Установки.очистки газа		EHT DB for Metering Area Распределительный щит установки замера газа	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		34kW	65A	32.6kW	62A	18kW	35A	29.7kW	56A	13.5kW	25.6A	10kW	18.8A
Drawing No.		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100	1	T4L250R100	1	T4L250TMD50	1	T4L250R100	1	T4L250TMD50	1	T4L250TMD50	1
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF		3P,FF,PR221DS-LSI		3P,FF		3P,FF	
	Accessory	1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE	
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,50/5,Class0.5,2.5VA,3T	1	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,50/5,Class0.5,2.5VA,3T	1	LNC2A,30/5,Class0.5,2.5VA,5T	1
8	A-Meter	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	4x35 mm2+1x16 mm2		4x35 mm2+1x16 mm2		4x35 mm2+1x16 mm2		4X70+1x35 mm2		5X16 mm2		5X16 mm2	

Note:

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	=	SHEET 4
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001 REV. F
		DATE						

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)



Cubicle No.		LVS-080021											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Sewage Hoist sharft 1 погружной дренажный насос (НСпротивопож.назначения)		Sewage Hoist sharft 2 погружной дренажныйнасос (НСпротивопож.назначения)		Spare Space							
Module No.		G : 8E		H : 8E		I : 8E							
Rating		7.5kW 14.25A		7.5kW 14.25A									
Drawing No.		1TNR003373D3005		1TNR003373D3005									
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250TMD32	1	T4L250TMD32	1								
	Specification	3P,FF		3P,FF									
	Accessory	1Q+1SY M□E		1Q+1SY M□E									
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,30/5,Class0.5,2.5VA,5T	1								
8	A-Meter	PA510H-A41/R/2DI/2D□(5A)	1	PA510H-A41/R/2DI/2D□(5A)	1								
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	4X4 mm2		4X4 mm2									

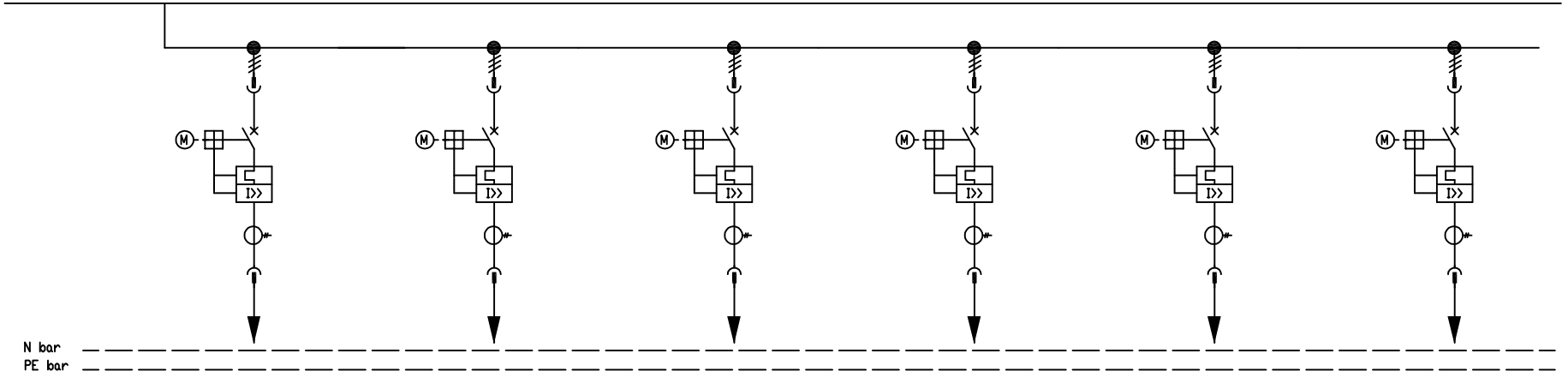
Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 5
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)

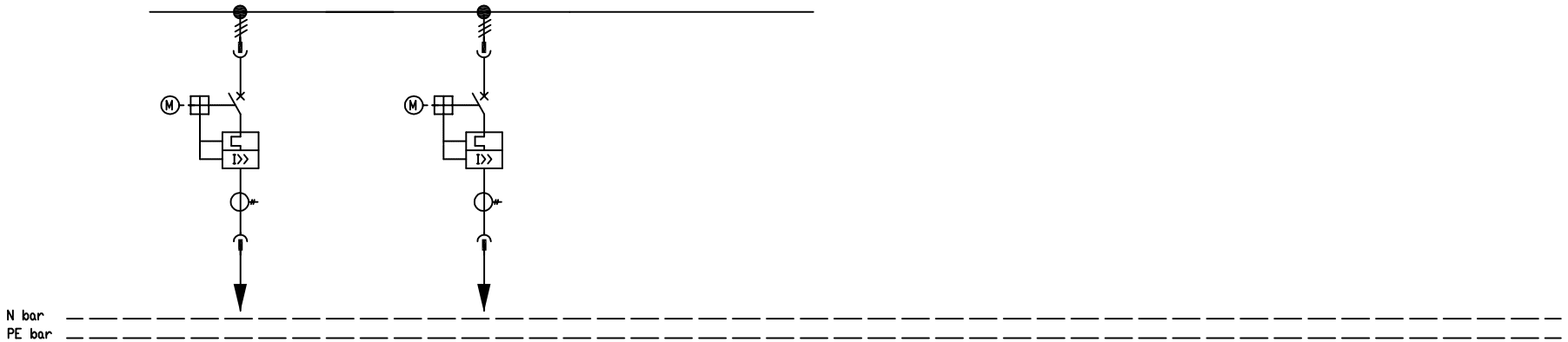


Cubicle No.		LVS-080022															
WidthXDepth		1000mm × 1200mm															
Consumer Name		Lighting and small DB for Compositive Equipment Room Распределительный щит Помещение оборудования		HVAC DB for Compositive Equipment Room Распределительный щит Помещение оборудования		HVAC DB for Compositive Equipment Room Распределительный щит Помещение оборудования		AC UPS-2 Ввод-2 ИБП переменного тока		AC UPS-BY PASS Обходная перемычка ИБП переменного тока		Cathodic Protection Panel Установка катодной защиты	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		4.1kW	7.8A	15.5kW	29.5A	15kW	28.5A	24kW	45.6A	24kW	45.6A	10kW	19A
Drawing No.		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250TMD32	1	T4L250TMD50	1	T4L250TMD50	1	T4L250R100	1	T4L250R100	1	T4L250TMD32	1
	Specification	3P,FF		3P,FF		3P,FF		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF	
	Accessory	1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE	
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,15/5,Class0.5,2.5VA,10T	1	LNC2A,50/5,Class0.5,2.5VA,3T	1	LNC2A,50/5,Class0.5,2.5VA,3T	1	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,30/5,Class0.5,2.5VA,5T	1
8	A-Meter	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	5X4 mm2		5X10 mm2		5X10 mm2		3X25 mm2+1X16 mm2		3X25 mm2+1X16 mm2			

Note:

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	=	SHEET 6
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001 REV. F
		DATE						

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)



Cubicle No.		LVS-080022											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Spare Резерв		Spare Резерв		Spare Space							
Module No.		G : 8E		H : 8E		I : 8E							
Rating													
Drawing No.		1TNR003373D3005		1TNR003373D3005									
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100	1	T4L250R100	1								
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI									
	Accessory	1Q+1SY M□E		1Q+1SY M□E									
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,75/5,Class0.5,2.5VA,2T	1	LNC2A,75/5,Class0.5,2.5VA,2T	1								
8	A-Meter	PA510H-A41/R/2DI/2D□(5A)	1	PA510H-A41/R/2DI/2D□(5A)	1								
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section												

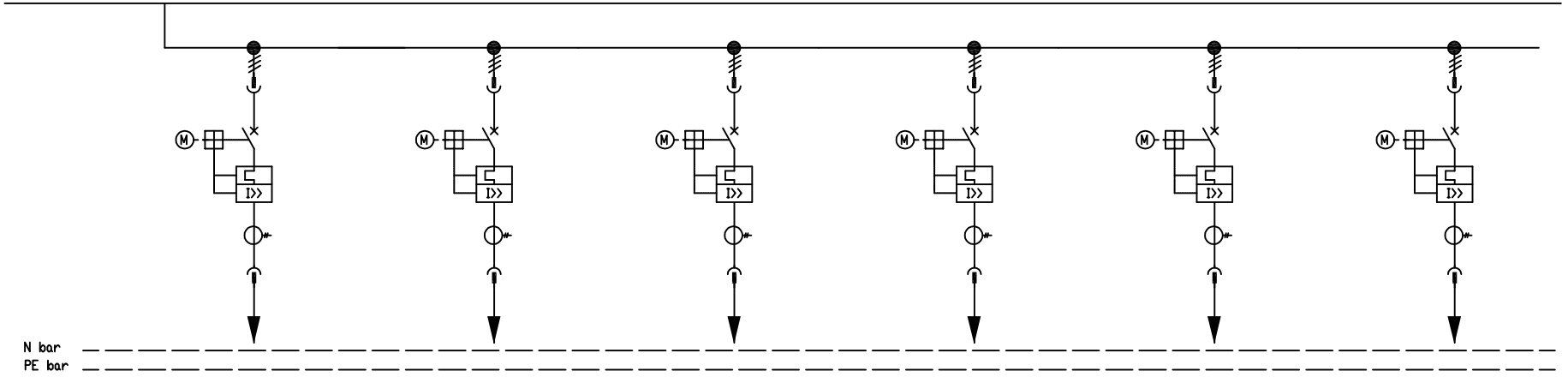
Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 7
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)

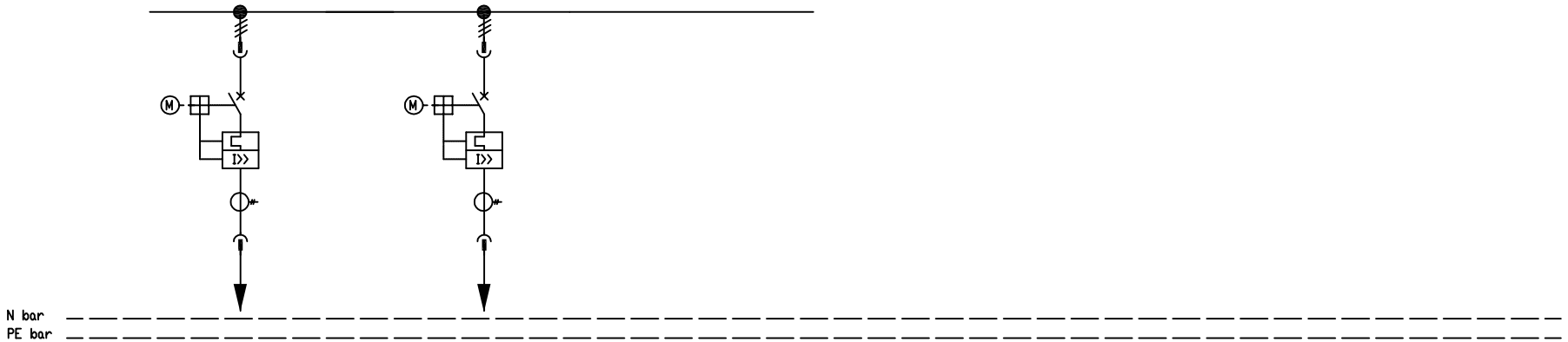


Cubicle No.		LVS-080023															
WidthXDepth		1000mm × 1200mm															
Consumer Name		Lighting and small DB for Office Building Распределительный щит Административно-бытовой корпус с операторной		Lighting and small DB for Office Building Распределительный щит Административно-бытовой корпус с операторной		HVAC DB for Office Building Распределительный щит Административно-бытовой корпус с операторной		HVAC DB for Office Building Распределительный щит Административно-бытовой корпус с операторной		Lighting and small DB for Storage 1 Распределительный щит Склад 1		HVAC DB for Storage 1 Распределительный щит Склад 1	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		7.8kW	14.8A	6kW	11.4A	10kW	19A	15kW	28.5A	3.5kW	6.7A	3kW	5.7A
Drawing No.		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250TMD32		T4L250TMD32		T4L250TMD32		T4L250TMD50		T4L250TMD20		T4L250TMD20	
	Specification	3P,FF	1	3P,FF	1	3P,FF	1	3P,FF	1	3P,FF	1	3P,FF	1
	Accessory	1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE	
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,50/5,Class0.5,2.5VA,3T	1	LNC2A,20/5,Class0.5,2.5VA,8T	1	LNC2A,10/5,Class 1,2.5VA,10T	1
8	A-Meter	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	5X10 mm2		5X10 mm2		5X10 mm2		5X10 mm2		5X6 mm2		5X6 mm2	

Note:

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	=	SHEET 8	
		CHECKED					SCALE 1:1	TOTAL 37	
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001	REV. F
		DATE							

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)



Cubicle No.		LVS-080023											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Lighting and small DB for Storage 2 Распределительный щит Склад 2		HVAC DB for Storage 2 Распределительный щит Склад 2		Spare Space							
Module No.		G : 8E		H : 8E		I : 8E							
Rating		5.1kW 9.5A		2.8kW 5.3A									
Drawing No.		1TNR003373D3005		1TNR003373D3005									
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250TMD20	1	T4L250TMD20	1								
	Specification	3P,FF		3P,FF									
	Accessory	1Q+1SY M□E		1Q+1SY M□E									
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,20/5,Class0.5,2.5VA,8T	1	LNC2A,10/5,Class 1,2.5VA,10T	1								
8	A-Meter	PA510H-A41/R/2DI/2D□(5A)	1	PA510H-A41/R/2DI/2D□(5A)	1								
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	5X6 mm2		5X6 mm2									

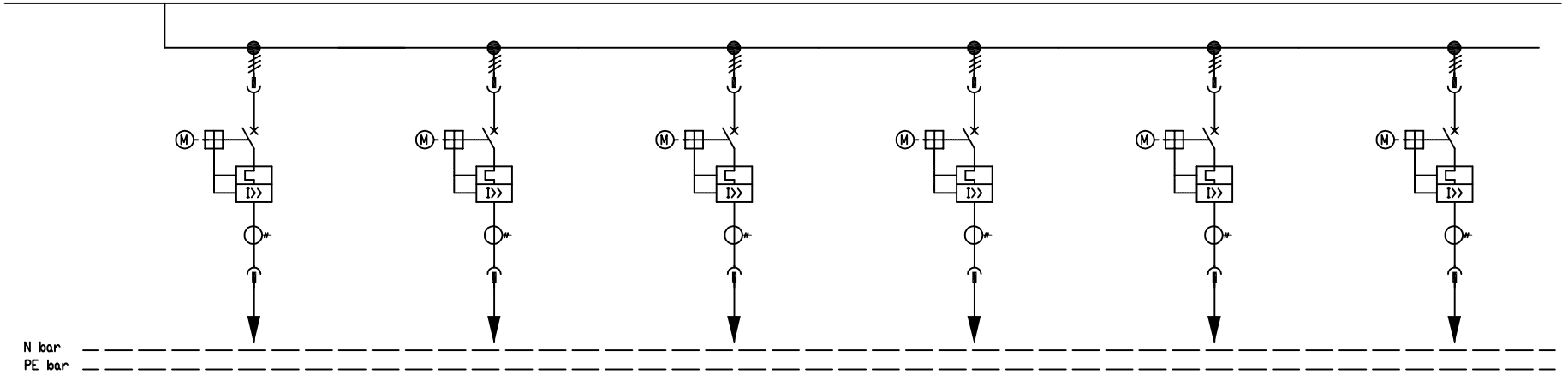
Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 9
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001 REV. F
		DATE						

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)

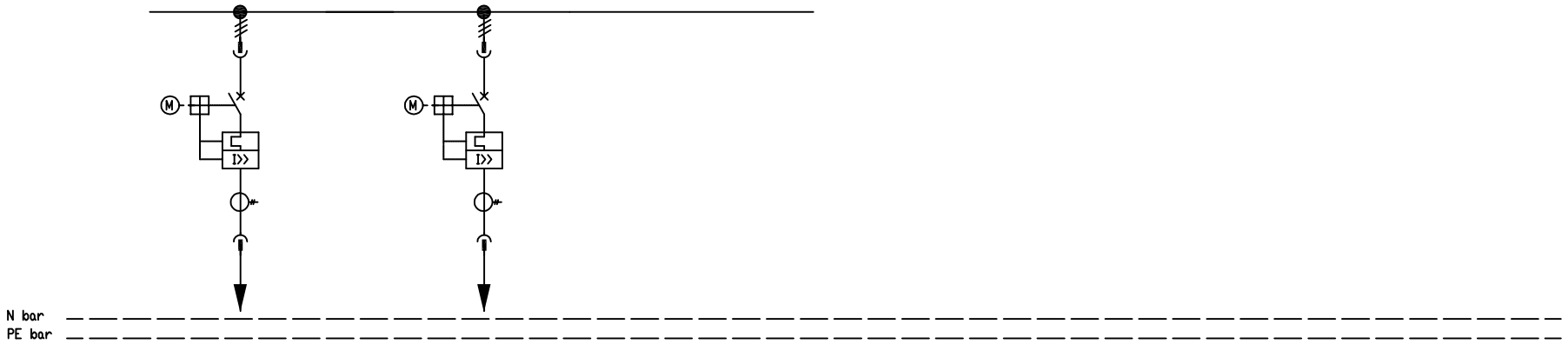


Cubicle No.		LVS-080024													
WidthXDepth		1000mm × 1200mm													
Consumer Name		Electric Fire Pump Насосная станция противопожарного назначения		Spare Резерв		Control Panel for Jocky Pump контрольная понель насос подержания давления		Control Panel for Jocky Pump контрольная понель насос подержания давления		Control Panel for Diesel Fire Pump Насосная станция понель управления насоса дизельного дви противопожарного назначения		Lighting and small DB for Fire Pump House Распределительный щит Насосная станция противопожарного назначения	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		55kW 103A				5.5kW 11A		5.5kW 11A		3kW 5.7A		2.6kW 4.6A	
Drawing No.		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R250	1	T4L250R160	1	T4L250TMD32	1	T4L250TMD32	1	T4L250TMD32	1	T4L250TMD32	1
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF		3P,FF		3P,FF		3P,FF	
	Accessory	1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE	
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2, 200/5, Class 0.5, 5VA	1	LNC2A,150/5,Class 0.5,2.5VA	1	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,15/5,Class0.5,2.5VA,10T	1	LNC2A,15/5,Class0.5,2.5VA,10T	1
8	A-Meter	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	3X70+1X35 mm2				4x6 mm2		4x6 mm2		4x6 mm2		5x6 mm2	

Note:

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	=	SHEET 10
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001 REV. F
		DATE						

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)



Cubicle No.		LVS-080024											
WidthXDepth		1000mm × 1200mm											
Consumer Name		HVAC DB for Fire Pump House Панель управления насоса с дизельным двигателем(НС противопожарного назначения)		Submersible waste water pump погружной дренажный насос (нс противопож. назначения)		Spare Space							
Module No.		G : 8E		H : 8E		I : 8E							
Rating		1.7kW 3A		2.2kW 4.1A									
Drawing No.		1TNR003373D3005		1TNR003373D3005									
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250TMD32	1	T4L250TMD20	1								
	Specification	3P,FF		3P,FF									
	Accessory	1Q+1SY M□E		1Q+1SY M□E									
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,15/5,Class0.5,2.5VA,10T	1	LNC2A,10/5,Class 1,2.5VA,10T	1								
8	A-Meter	PA510H-A41/R/2DI/2D□(5A)	1	PA510H-A41/R/2DI/2D□(5A)	1								
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	5x10 mm2		5x6 mm2									

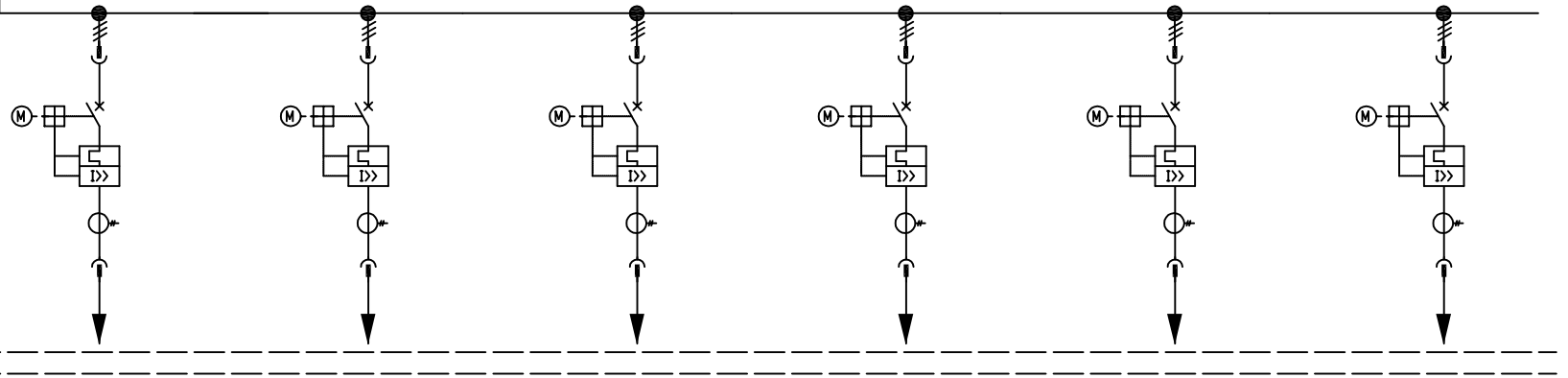
Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 11
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001 REV. F
		DATE						

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)

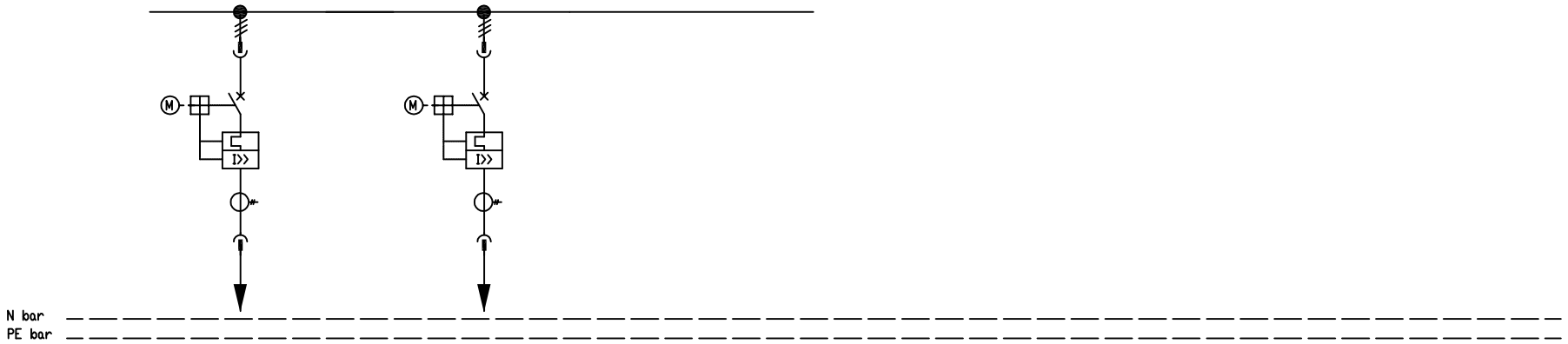


Cubicle No.		LVS-080025															
WidthXDepth		1000mm × 1200mm															
Consumer Name		Lighting and small DB for Compressor Workshop 1 Компрессорный цех 1		HVAC DB for Compressor Workshop 1 Компрессорный цех 1		HVAC DB for Compressor Workshop 1 Компрессорный цех 1		Lighting and small DB for Compressor Workshop 2 Компрессорный цех 2		HVAC DB for Compressor Workshop 2 Компрессорный цех 2		HVAC DB for Compressor Workshop 2 Компрессорный цех 2	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		9.6kW	15.5A	39.22kW	74.5A	6kW	11.4A	9.6kW	15.5A	39.22kW	74.5A	6kW	11.4A
Drawing No.		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250TMD32	1	T4L250R100	1	T4L250TMD32	1	T4L250TMD32	1	T4L250R100	1	T4L250TMD32	1
	Specification	3P,FF		3P,FF,PR221DS-LSI		3P,FF		3P,FF		3P,FF,PR221DS-LSI		3P,FF	
	Accessory	1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE	
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,30/5,Class0.5,2.5VA,5T	1
8	A-Meter	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	5x16 mm2		4x70 mm2+1X35 mm2		5x16 mm2		5x16 mm2		4x70 mm2+1X35 mm2		5x16 mm2	

Note:

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	=	SHEET 12
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)



Cubicle No.		LVS-080025											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Spare Резерв		Spare Резерв		Spare Space							
Module No.		G : 8E		H : 8E		I : 8E							
Rating		100A		100A									
Drawing No.		1TNR003373D3005		1TNR003373D3005									
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100	1	T4L250R100	1								
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI									
	Accessory	1Q+1SY M□E		1Q+1SY M□E									
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,100/5,Class 0.5,2.5VA	1								
8	A-Meter	PA510H-A41/R/2DI/2D□(5A)	1	PA510H-A41/R/2DI/2D□(5A)	1								
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section												

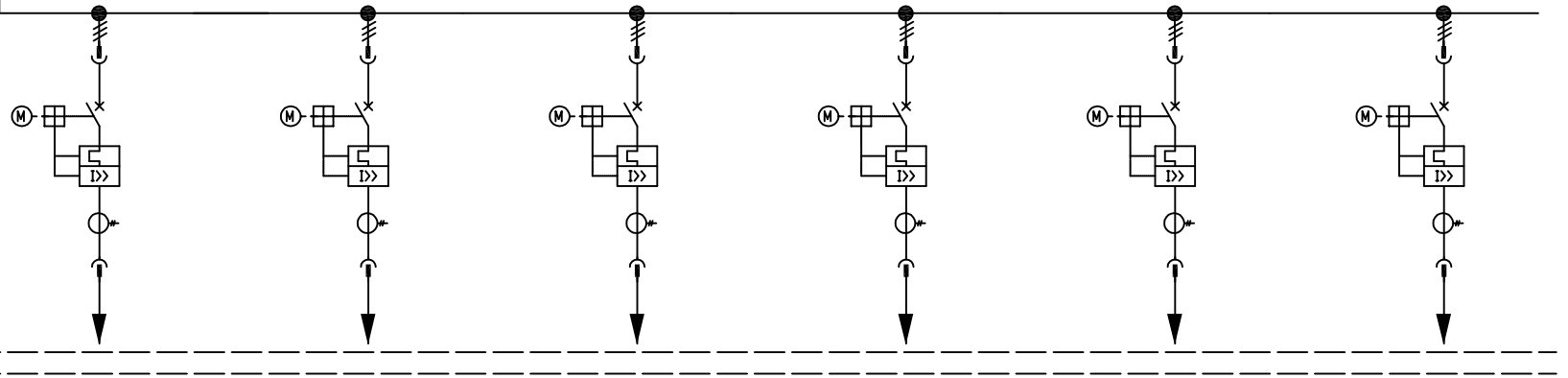
Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 13
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)

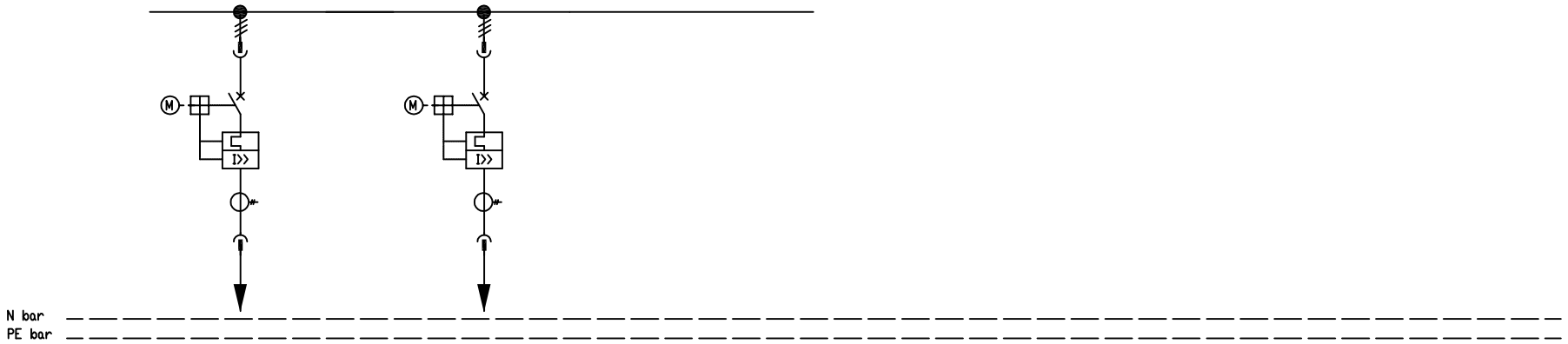


Cubicle No.		LVS-080026													
WidthXDepth		1000mm × 1200mm													
Consumer Name		Lighting and small DB for Compressor Workshop 3 Компрессорный цех 3		HVAC DB for Compressor Workshop 3 Компрессорный цех 3		HVAC DB for Compressor Workshop 3 Компрессорный цех 3		Spare Резерв		Heater control cabinet (Self-used gas) шкаф управления электронагревателем		Heater control cabinet (Self-used gas) шкаф управления электронагревателем	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		9.6kW	15.5A	39.22kW	74.5A	6kW	11.4A		100A	4kW	7.6A	4kW	7.6A
Drawing No.		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250TMD32	1	T4L250R100	1	T4L250TMD32	1	T4L250R100	1	T4L250TMD20	1	T4L250TMD20	1
	Specification	3P,FF		3P,FF,PR221DS-LSI		3P,FF		3P,FF,PR221DS-LSI		3P,FF		3P,FF	
	Accessory	1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE	
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,20/5,Class0.5,2.5VA,8T	1	LNC2A,20/5,Class0.5,2.5VA,8T	1
8	A-Meter	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	5x16 mm2		4x70 mm2+1X35 mm2		5x16 mm2				5x6 mm2		5x6 mm2	

Note:

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	=	SHEET 14
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001 REV. F
		DATE						

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)



Cubicle No.		LVS-080026											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Spare Резерв		Spare Резерв		Spare Space							
Module No.		G : 8E		H : 8E		I : 8E							
Rating		100A		100A									
Drawing No.		1TNR003373D3005		1TNR003373D3005									
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100	1	T4L250R100	1								
	Specification	3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI									
	Accessory	1Q+1SY M□E		1Q+1SY M□E									
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,100/5,Class 0.5,2.5VA	1								
8	A-Meter	PA510H-A41/R/2DI/2D□(5A)	1	PA510H-A41/R/2DI/2D□(5A)	1								
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section												

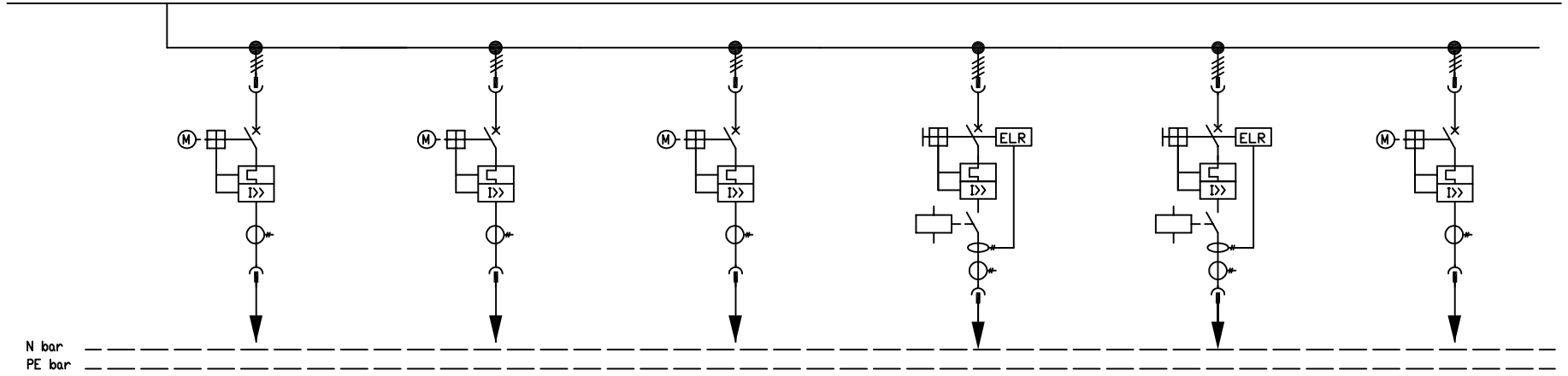
Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 15
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)

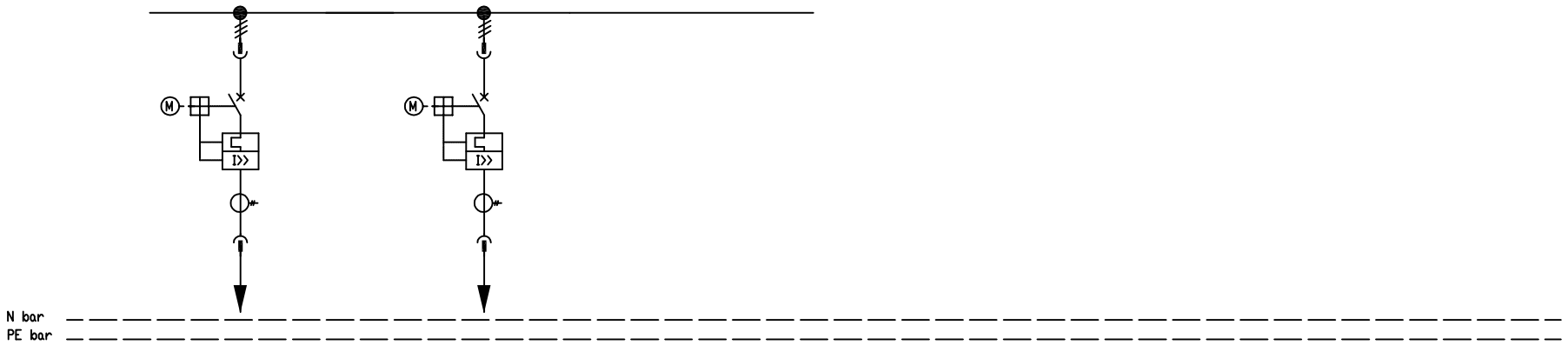


Cubicle No.		LVS-080027															
WidthXDepth		1000mm × 1200mm															
Consumer Name		Lighting and small DB for Guard House Распределительный щит (КПП)		Outdoor DB00001 Караульная вышка		Outdoor DB00002 Караульная вышка		Street Lighting Прожектор для зоны		Street Lighting Прожектор для зоны		DB for Generator and Distribution Building Распределительный щит Здание генератора и электрораспределения	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		5.8kW	11A	22.5kW	42.8A	30kW	51.3A	12kW	22.8A	5kW	9.5A	52kW	78.3A
Drawing No.		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3007		1TNR003373D3007		1TNR003373D3005	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250TMD32	1	T4L250R100	1	T4L250R100	1	T4L250TMD50	1	T4L250TMD20	1	T4L250R160	1
	Specification	3P,FF		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		4P,FF		4P,FF		3P,FF,PR221DS-LSI	
	Accessory	1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY		1Q+1SY		1Q+1SY MOE	
2	Contactor							A40-30-10,220VAC	1	A16-30-10,220VAC	1		
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,75/5,Class0.5,2.5VA,2T	1	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,50/5,Class0.5,2.5VA,3T	1	LNC2A,20/5,Class0.5,2.5VA,8T	1	LNC2A,150/5,Class 0.5,2.5VA	1
8	A-Meter	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1
9	Multifuntion Meter												
10	Earth Fault CT							HYCT635F	1	HYCT635F	1		
11	Earth Fault Relay							HY6801K-A	1	HY6801K-A	1		
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	5x10 mm2		4X25 mm2+1X16 mm2		4X50 mm2+1x25 mm2		5X16 mm2		5X16 mm2		4X50 mm2+1x25 mm2	

Note:

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	=	SHEET 16
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001 REV. F
		DATE						

380V, 50Hz, Main Busbar In=3200A,Icw=100KA, 3Ø, 4 WIRE(BUS C)

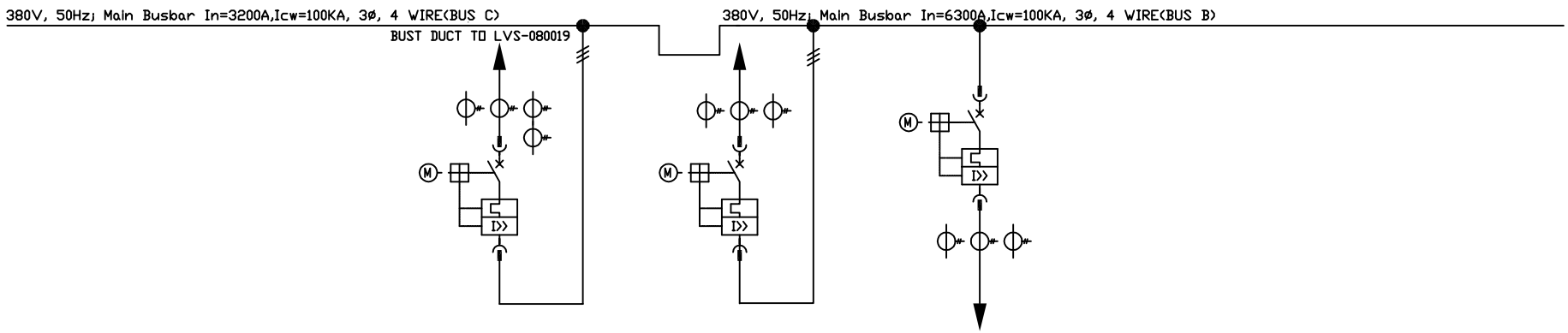


Cubicle No.		LVS-080027											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Spare Резерв		Spare Резерв		Spare Space		Photocell Signal					
Module No.		G : 8E		H : 8E		I : 8E							
Rating		20A		20A									
Drawing No.		1TNR003373D3005		1TNR003373D3005									
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250TMD20	1	T4L250TMD20	1								
	Specification	3P,FF		3P,FF									
	Accessory	1Q+1SY M□E		1Q+1SY M□E									
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,20/5,Class0.5,2.5VA,8T	1	LNC2A,20/5,Class0.5,2.5VA,8T	1								
8	A-Meter	PA510H-A41/R/2DI/2D□(5A)	1	PA510H-A41/R/2DI/2D□(5A)	1								
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD							RT14-20-2A,10*38,gG,AC690V,100KA	1				
14	Fuse							E91/32,FUSE H□LDER	1				
15	FAN							CR-M230AC4+CR-M4SS+CR-MH,230VAC	1				
16	Remark:							ATC-I	1				
17	Remark:							EE100(PH□T□CELL SWITCH)	1				
18	Power Cable Section												

Note: (ATC-I)& (EE100),Fuse,Interface Relay,are installed in top of panel.

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	= SHEET 17
CUSTOMER DRAWING NO.	REV.	CHECKED			ABB XIAMEN L.V. EQUIPMENT CO.LTD.		SCALE 1:1 TOTAL 37
		APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001 REV. F
		DATE					



Cubicle No.			LVS-080018		LVS-080017		LVS-080016		LVS-080016*1						
WidthXDepth			800mm × 1200mm		600mm × 1200mm		600mm × 1200mm		200mm × 1200mm						
Consumer Name			Bus tie междушинное соединение		MCC-1 Центр управления двигателями -1		Spare Резерв		Empty Cubicle						
Module No.			A : 72E		A : 72E		A : 72E		A : 72E						
Rating			585A		361kW 683.7A		1250A								
Drawing No.			1TNR003373D3003C		1TNR003373D3004		1TNR003373D3004								
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker			E3H1250R1250		E3H1250R1250		E3H1250R1250							
	Specification			PR122/P-LSI WMP3P,HR	1	PR122/P-LSI WMP3P,HR	1	PR122/P-LSI WMP3P,HR	1						
	Accessory			MY□YC220VAC,10C□		MY□YC220VAC,10C□		MY□YC220VAC,10C□							
2	Contactor														
3	Thermal Relay														
4	CT for Protecting														
5	Capacitor														
6	Controller														
7	CT			LN7,1250/5A,Class0.2,20VA	4	LN7,1250/5A,Class0.2,20VA	3	LN7,1250/5A,Class0.2,20VA	3						
8	A-Meter														
9	Multifuntion Meter			PD510H-M14/R/4DI/2D□/H(5A)	1	PD510H-M14/R/4DI/2D□/H(5A)	1	PD510H-M14/R/4DI/2D□/H(5A)	1						
10	Earth Fault CT														
11	Earth Fault Relay														
12	Fuse Switch for SPD														
13	SPD														
14	Fuse														
15	FAN														
16	Remark:														
17	Remark:														
18	Power Cable Section														

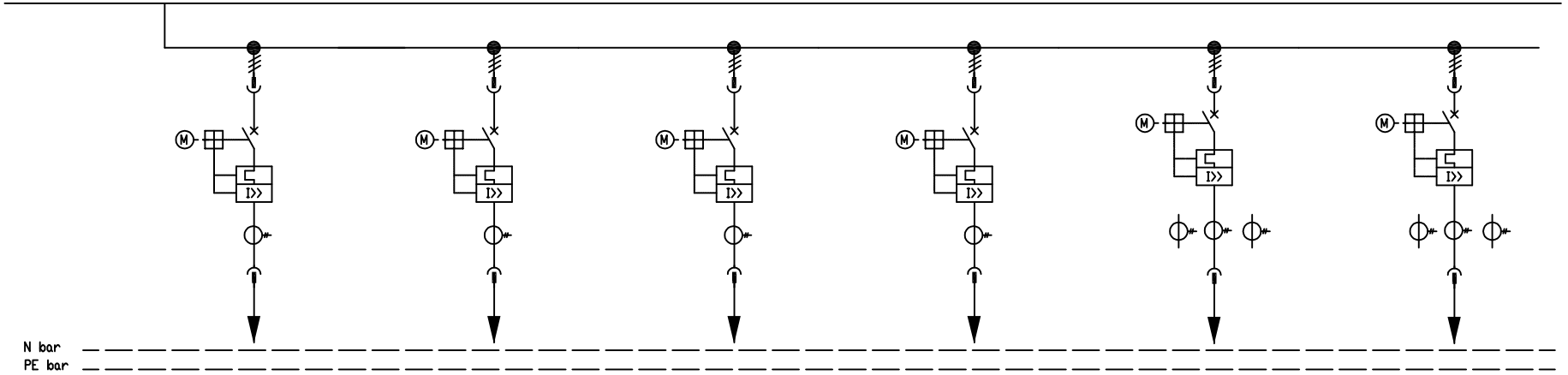
Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 18
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001 REV. F
		DATE						

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS B)



Cubicle No.		LVS-080015													
WidthXDepth		1000mm × 1200mm													
Consumer Name		Heater control cabinet (self-used gas skid) шкаф управления электронагревателем		Spare Резерв		Spare Резерв		PLC panel Waste heat boiler Котел утилизатор		Heater control cabinet(self-used gas skid) Шкаф управления электронагревателем		Air Compressor помещение оборудования (компрессорная сжатого воздуза)	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 16E		F : 16E	
Rating		21kW 40A						100kW 169A		121kW 230A		140kW 266A	
Drawing No.		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3006		1TNR003373D3006	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100	1	T4L250R160	1	T4L250R160	1	T4L250R250	1	T5L400R400	1	T5L400R400	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		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE	
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,75/5,Class0.5,2.5VA,2T	1	LNC2A,150/5,Class 0.5,2.5VA	1	LNC2A,150/5,Class 0.5,2.5VA	1	LNC2, 200/5, Class 0.5, 5VA	1	LNC3,400/5,CLASS 0.5,5VA	3	LNC3,400/5,CLASS 0.5,5VA	3
8	A-Meter	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1				
9	Multifuntion Meter									PD510H-M44/R/2DI/2DO/H(5A)	1	PD510H-M44/R/2DI/2DO/H(5A)	1
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	5X25 mm2						4x150 mm2+1x70 mm2		4x185 mm2+1x95 mm2		2(4x150+1x70) mm2	

Note:

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	=	SHEET 19
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001 REV. F
		DATE						

380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS B)

N bar

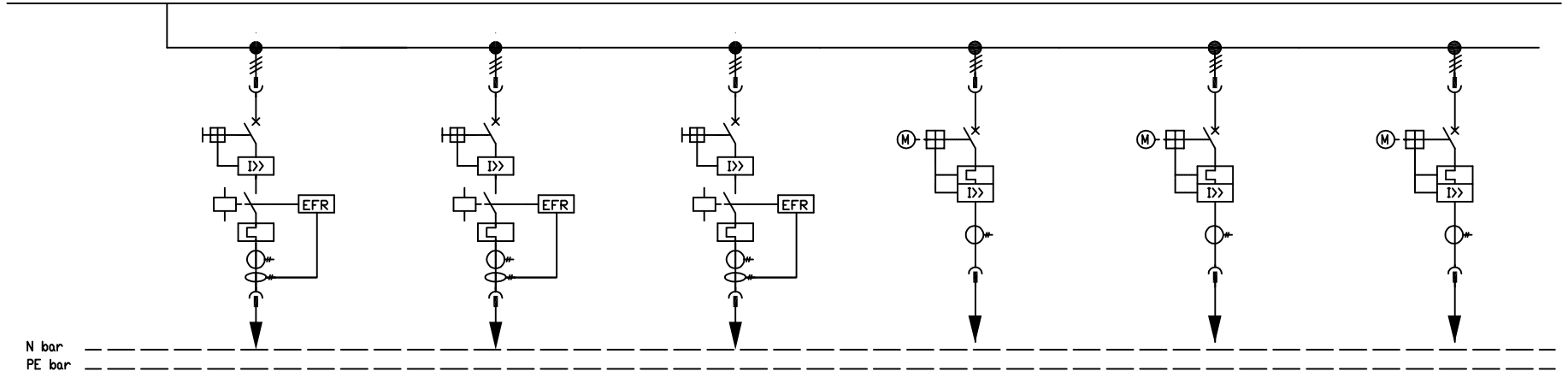
PE bar

Cubicle No.		LVS-080015											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Spare Space											
Module No.		H : 8E											
Rating													
Drawing No.													
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker												
	Specification												
	Accessory												
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT												
8	A-Meter												
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section												
Note:													

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	=	SHEET 20
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001 REV. F
		DATE						

380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS B)

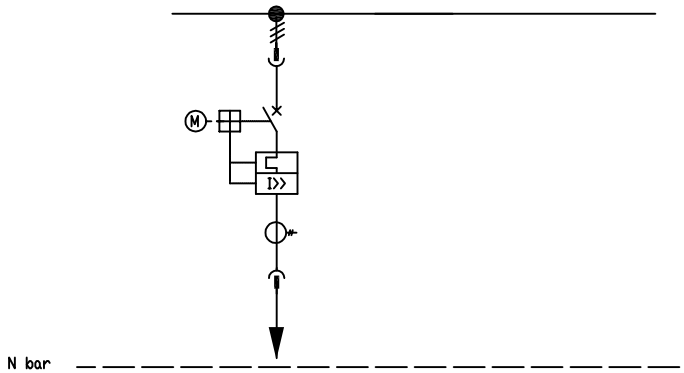


Cubicle No.		LVS-080014													
WidthXDepth		1000mm × 1200mm													
Consumer Name		Air Cooler 314 N1 Установка аппаратов воздушного охлаждения газа		Air Cooler 314 N2 Установка аппаратов воздушного охлаждения газа		Spare Резерв		Compressor Workshop 5.3 Crane 3 Компрессорныйцех 5.3 КЦ. Кран		AC UPS-1 Ввод-1 ИБП переменного тока		Spare Резерв	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		37kW 71A		37kW 71A		37kW		15kW 28.6A		24kW 45.6A			
Drawing No.		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250MA100	1	T4L250MA100	1	T4L250MA100	1	T4L250TMD50	1	T4L250R100	1	T4L250TMD50	1
	Specification	3P,FF		3P,FF		3P,FF		3P,FF		3P,FF,PR221DS-LSI		3P,FF	
	Accessory	1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE	
2	Contactor	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1						
3	Thermal Relay	TA80DU80	1	TA80DU80	1	TA80DU80	1						
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2A,50/5,Class0.5,2.5VA,3T	1	LNC2A,100/5,Class 0.5,2.5VA	1	LNC2A,50/5,Class0.5,2.5VA,3T	1
8	A-Meter	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1
9	Multifuntion Meter												
10	Earth Fault CT	HYCT635F	1	HYCT635F	1	HYCT635F	1						
11	Earth Fault Relay	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1						
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2				5x16 mm2		3X25 mm2+1X16 mm2			
Note:													

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	=	SHEET 21	
		CHECKED					SCALE 1:1	TOTAL 37	
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001	REV. F
		DATE							

380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS B)



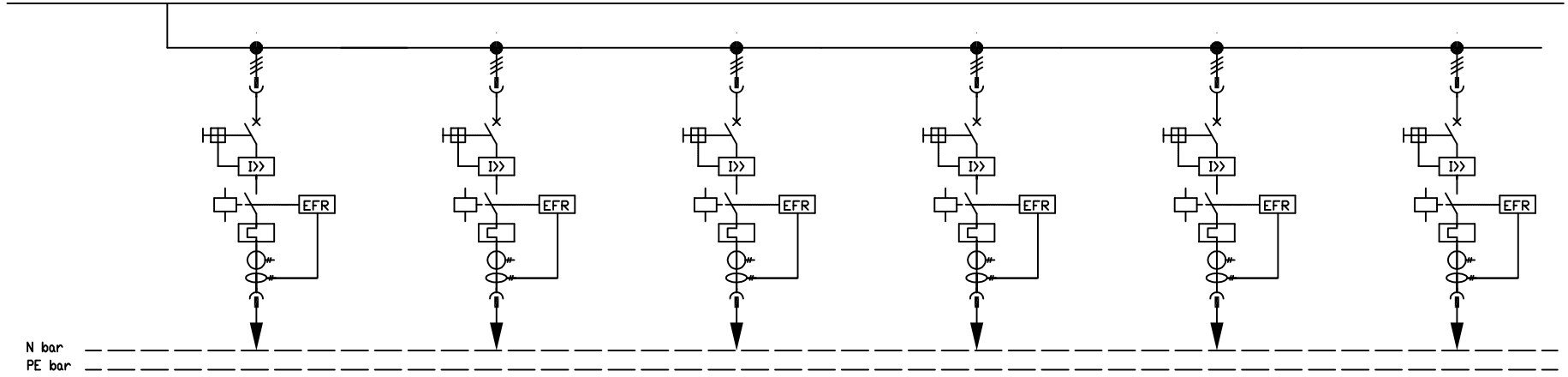
Cubicle No.		LVS-080014											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Spare Резерв		Spare Space									
Module No.		G : 8E		H : 16E									
Rating													
Drawing No.		1TNR003373D3005											
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250TMD50	1										
	Specification	3P,FF											
	Accessory	1Q+1SY M□E											
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,50/5,Class0.5,2.5VA,3T	1										
8	A-Meter	PA510H-A41/R/2DI/2D□(5A)	1										
9	Multifuntion Meter												
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section												

Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 22
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS B)

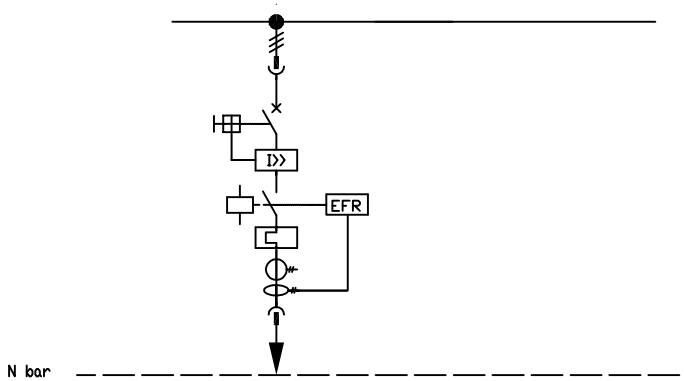


Cubicle No.		LVS-080013											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Air Cooler 308 N1 Установка аппаратов воздушного охлаждения газа		Air Cooler 308 N2 Установка аппаратов воздушного охлаждения газа		Air Cooler 310 N1 Установка аппаратов воздушного охлаждения газа		Air Cooler 310 N2 Установка аппаратов воздушного охлаждения газа		Air Cooler 312 N1 Установка аппаратов воздушного охлаждения газа		Air Cooler 312 N2 Установка аппаратов воздушного охлаждения газа	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		37kW 71A		37kW 71A		37kW 71A		37kW 71A		37kW 71A		37kW 71A	
Drawing No.		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250MA100	1	T4L250MA100	1	T4L250MA100	1	T4L250MA100	1	T4L250MA100	1	T4L250MA100	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	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1
3	Thermal Relay	TA80DU80	1	TA80DU80	1	TA80DU80	1	TA80DU80	1	TA80DU80	1	TA80DU80	1
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1
8	A-Meter	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1
9	Multifuntion Meter												
10	Earth Fault CT	HYCT635F	1	HYCT635F	1	HYCT635F	1	HYCT635F	1	HYCT635F	1	HYCT635F	1
11	Earth Fault Relay	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2	
Note:													

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 23
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001 REV. F
		DATE						

380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS B)

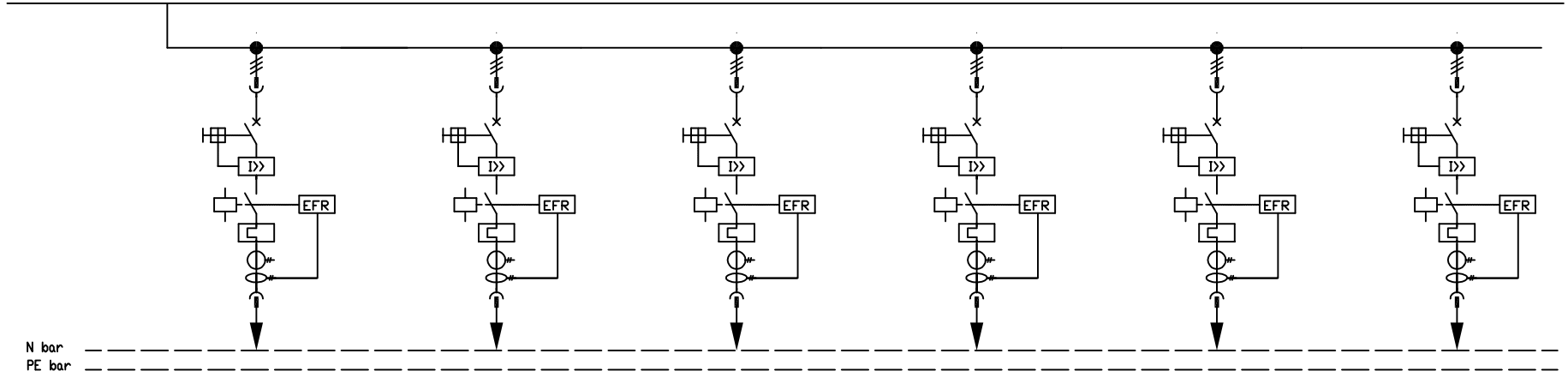


Cubicle No.		LVS-080013											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Spare Резерв		Spare Space									
Module No.		G : 8E		H : 16E									
Rating		37kW											
Drawing No.		1TNR003373D3008											
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250MA100	1										
	Specification	3P,FF											
	Accessory	1Q+1SY											
2	Contactor	A110-30-11,220V	1										
3	Thermal Relay	TA80DU80	1										
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2C, 100/1A,Class0.5,10VA	1										
8	A-Meter	PA510H-A41/R/4DI/2DO(1A)	1										
9	Multifuntion Meter												
10	Earth Fault CT	HYCT635F	1										
11	Earth Fault Relay	HY6801K-A	1										
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section												
Note:													

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 24
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS B)

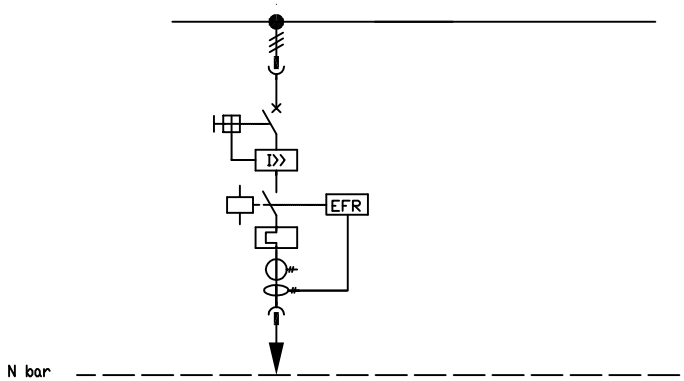


Cubicle No.		LVS-080012											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Air Cooler 302 N1 Установка аппаратов воздушного охлаждения газа		Air Cooler 302 N2 Установка аппаратов воздушного охлаждения газа		Air Cooler 304 N1 Установка аппаратов воздушного охлаждения газа		Air Cooler 304 N2 Установка аппаратов воздушного охлаждения газа		Air Cooler 306 N1 Установка аппаратов воздушного охлаждения газа		Air Cooler 306 N2 Установка аппаратов воздушного охлаждения газа	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		37kW 71A		37kW 71A		37kW 71A		37kW 71A		37kW 71A		37kW 71A	
Drawing No.		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250MA100	1	T4L250MA100	1	T4L250MA100	1	T4L250MA100	1	T4L250MA100	1	T4L250MA100	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	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1
3	Thermal Relay	TA80DU80	1	TA80DU80	1	TA80DU80	1	TA80DU80	1	TA80DU80	1	TA80DU80	1
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1
8	A-Meter	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1
9	Multifuntion Meter												
10	Earth Fault CT	HYCT635F	1	HYCT635F	1	HYCT635F	1	HYCT635F	1	HYCT635F	1	HYCT635F	1
11	Earth Fault Relay	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2	
Note:													

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION		DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 25
			CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.		REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001 REV. F
			DATE						

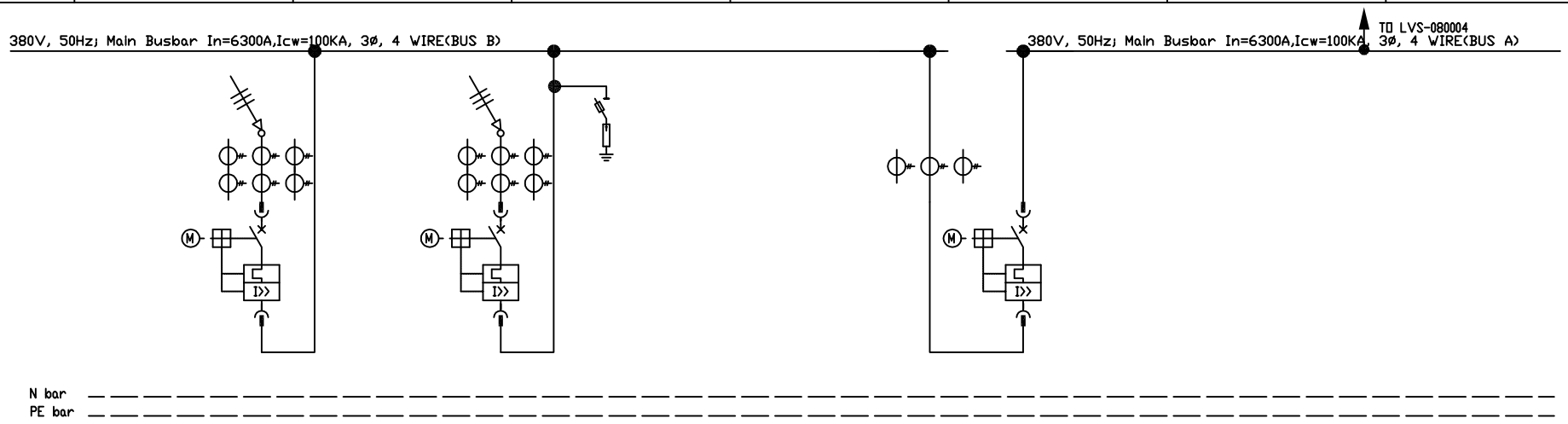
380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS B)



Cubicle No.		LVS-080012											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Spare Резерв		Spare Space									
Module No.		G : 8E		H : 16E									
Rating		37kW											
Drawing No.		1TNR003373D3008											
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250MA100	1										
	Specification	3P,FF											
	Accessory	1Q+1SY											
2	Contactor	A110-30-11,220V	1										
3	Thermal Relay	TA80DU80	1										
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2C, 100/1A,Class0.5,10VA	1										
8	A-Meter	PA510H-A41/R/4DI/2DO(1A)	1										
9	Multifuntion Meter												
10	Earth Fault CT	HYCT635F	1										
11	Earth Fault Relay	HY6801K-A	1										
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section												
Note:													

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 26
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

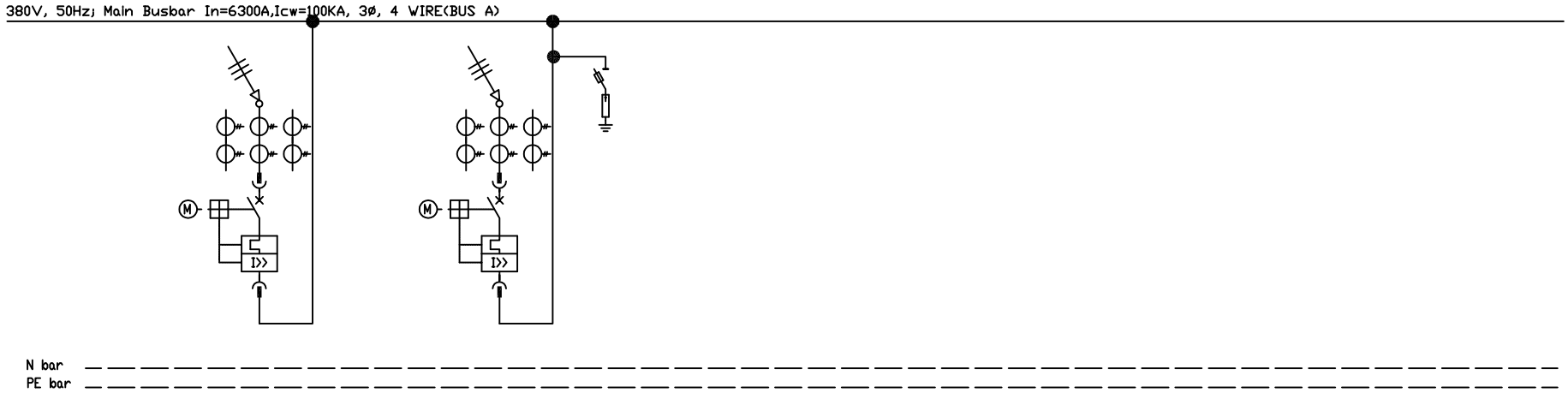


Cubicle No.		LVS-080011		LVS-080010		LVS-080010*1		LVS-080009		LVS-080009*1			
WidthXDepth		800mm × 1200mm		800mm × 1200mm		200mm × 1200mm		1200mm × 1200mm		200mm × 1200mm			
Consumer Name		Gas generator входная линия источника		Gas generator входная линия источника		Empty Cubicle		Bus tie междушинная связь		Empty Cubicle			
Module No.		A : 72E		A : 72E		A : 72E		A : 72E		A : 72E			
Rating		1000 kW 1804A		1000 kW 1804A				5000A					
Drawing No.		1TNR003373D3002		1TNR003373D3002				1TNR003373D3003					
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	E3H2500R2500	1	E3H2500R2500	1			E6H5000R5000	1				
	Specification	PR122/P-LSIG WMP3P,HR		PR122/P-LSIG WMP3P,HR				PR122/P-LSI WMP3P,VR					
	Accessory	MY□YCYU220V,10C□		MY□YCYU220V,10C□				MY□YC220V,10C□					
2	Contactor												
3	Thermal Relay												
4	CT for Protecting	LND10, 2500/5, 5P10, 25VA	3	LND10, 2500/5, 5P10, 25VA	3								
5	Capacitor												
6	Controller												
7	CT	LN7,2500/5A,Class0.2,30VA	3	LN7,2500/5A,Class0.2,30VA	3			ASK129.10,5000/5A	3				
8	A-Meter												
9	Multifuntion Meter	PD510H-M14/R/4DI/2D□/H(5A)	1	PD510H-M14/R/4DI/2D□/H(5A)	1			PD510H-M14/R/4DI/2D□/H(5A)	1				
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD			XLP00-160A	1								
13	SPD			□VR T1 3N-25-255 TS	1								
14	Fuse			NT00-160A,gL/gG	3								
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section												

Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 27
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						



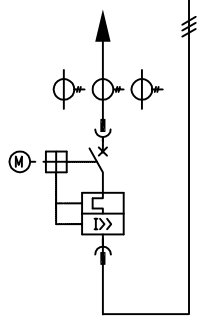
Cubicle No.		LVS-080008		LVS-080007									
WidthXDepth		800mm x 1200mm		800mm x 1400mm									
Consumer Name		Gas generator входная линия источника		Gas generator входная линия источника									
Module No.		A : 72E		A : 72E									
Rating		1000 kW 1804A		1000 kW 1804A									
Drawing No.		1TNR003373D3002		1TNR003373D3002									
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	E3H2500R2500	1	E3H2500R2500	1								
	Specification	PR122/P-LSIG WMP3P,HR		PR122/P-LSIG WMP3P,HR									
	Accessory	MY□YCYU220V,10C□		MY□YCYU220V,10C□									
2	Contactor												
3	Thermal Relay												
4	CT for Protecting	LND10, 2500/5, 5P10, 25VA	3	LND10, 2500/5, 5P10, 25VA	3								
5	Capacitor												
6	Controller												
7	CT	LN7,2500/5A,Class0.2,30VA	3	LN7,2500/5A,Class0.2,30VA	3								
8	A-Meter												
9	Multifuntion Meter	PD510H-M14/R/4DI/2DO/H(5A)	1	PD510H-M14/R/4DI/2DO/H(5A)	1								
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD			XLP00-160A	1								
13	SPD			□VR T1 3N-25-255 TS	1								
14	Fuse			NT00-160A,gL/gG	3								
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section												

Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 28
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS A)



N bar

PE bar

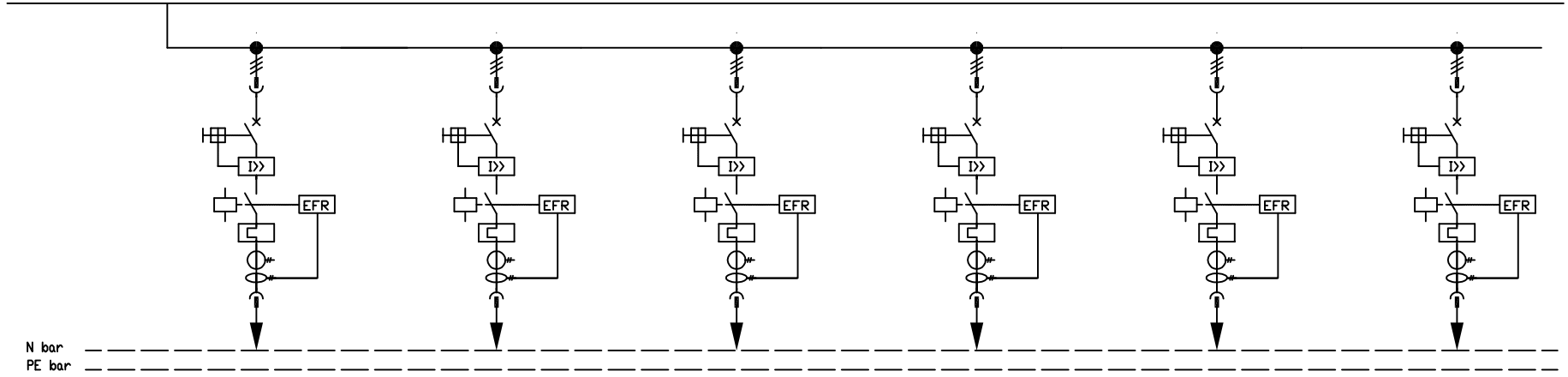
Cubicle No.		LVS-080006											
WidthXDepth		600mm x 1400mm											
Consumer Name		MCC-3 Центр управления двигателями -3											
Module No.		A : 72E											
Rating		250kW 630A											
Drawing No.		1TNR003373D3004											
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	E3H1250R1250	1										
	Specification	PR122/P-LSI WMP3P,HR											
	Accessory	MY□YC220VAC,10C□											
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LN7,1250/5A,Class0.2,20VA	3										
8	A-Meter												
9	Multifuntion Meter	PD510H-M14/R/4DI/2DO/H(5A)	1										
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section												

Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 29
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS A)

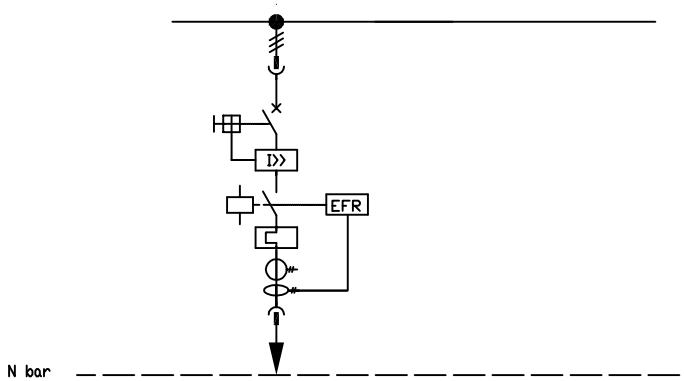


Cubicle No.		LVS-080005											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Air Cooler 301 N1 Установка аппаратов воздушного охлаждения газа		Air Cooler 301 N2 Установка аппаратов воздушного охлаждения газа		Air Cooler 303 N1 Установка аппаратов воздушного охлаждения газа		Air Cooler 303 N2 Установка аппаратов воздушного охлаждения газа		Air Cooler 305 N1 Установка аппаратов воздушного охлаждения газа		Air Cooler 305 N2 Установка аппаратов воздушного охлаждения газа	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		37kW 71A		37kW 71A		37kW 71A		37kW 71A		37kW 71A		37kW 71A	
Drawing No.		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250MA100	1	T4L250MA100	1	T4L250MA100	1	T4L250MA100	1	T4L250MA100	1	T4L250MA100	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	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1
3	Thermal Relay	TA80DU80	1	TA80DU80	1	TA80DU80	1	TA80DU80	1	TA80DU80	1	TA80DU80	1
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1
8	A-Meter	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1
9	Multifuntion Meter												
10	Earth Fault CT	HYCT635F	1	HYCT635F	1	HYCT635F	1	HYCT635F	1	HYCT635F	1	HYCT635F	1
11	Earth Fault Relay	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2	
Note:													

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	FUNCTION UCS1 Compressor Station	=	SHEET 30
		CHECKED				SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4	DRAWING NO. 1TNR003373D1001 REV. F
		DATE		XIAMEN L.V. EQUIPMENT CO.LTD.			

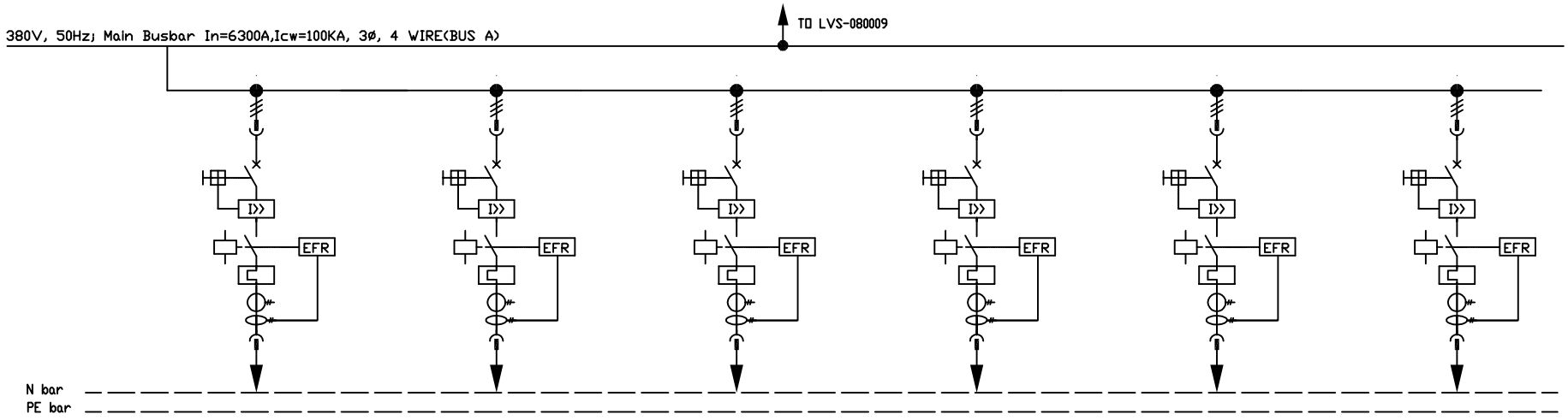
380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS A)



Cubicle No.		LVS-080005											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Spare Резерв		Spare Space									
Module No.		G : 8E		H : 16E									
Rating		37kW											
Drawing No.		1TNR003373D3008											
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250MA100	1										
	Specification	3P,FF											
	Accessory	1Q+1SY											
2	Contactor	A110-30-11,220V	1										
3	Thermal Relay	TA80DU80	1										
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2C, 100/1A,Class0.5,10VA	1										
8	A-Meter	PA510H-A41/R/4DI/2DO(1A)	1										
9	Multifuntion Meter												
10	Earth Fault CT	HYCT635F	1										
11	Earth Fault Relay	HY6801K-A	1										
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section												
Note:													

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 31
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

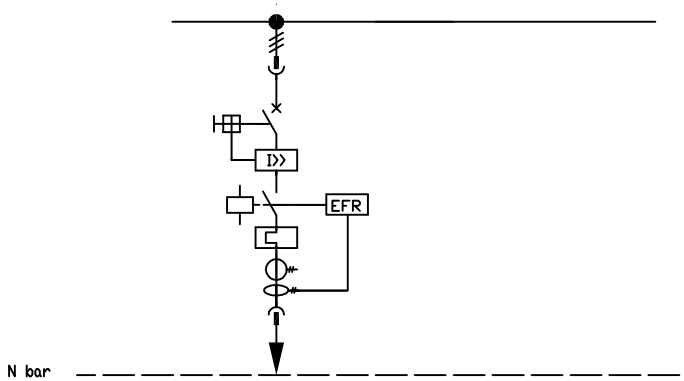


Cubicle No.		LVS-080004											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Spare Резерв		Air Cooler 313 N1 установка аппаратов воздушного охлаждения газа		Air Cooler 313 N2 установка аппаратов воздушного охлаждения газа		Air Cooler 307 N1 Установка аппаратов воздушного охлаждения газа		Air Cooler 307 N2 Установка аппаратов воздушного охлаждения газа		Air Cooler 309 N1 Установка аппаратов воздушного охлаждения газа	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		37kW		37kW 71A		37kW 71A		37kW 71A		37kW 71A		37kW 71A	
Drawing No.		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008		1TNR003373D3008	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250MA100		T4L250MA100		T4L250MA100		T4L250MA100		T4L250MA100		T4L250MA100	
	Specification	3P,FF	1	3P,FF	1	3P,FF	1	3P,FF	1	3P,FF	1	3P,FF	1
	Accessory	1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY		1Q+1SY	
2	Contactor	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1	A110-30-11,220V	1
3	Thermal Relay	TA80DU80	1	TA80DU80	1	TA80DU80	1	TA80DU80	1	TA80DU80	1	TA80DU80	1
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1	LNC2C, 100/1A,Class0.5,10VA	1
8	A-Meter	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/4DI/2DO(1A)	1
9	Multifuntion Meter												
10	Earth Fault CT	HYCT635F	1	HYCT635F	1	HYCT635F	1	HYCT635F	1	HYCT635F	1	HYCT635F	1
11	Earth Fault Relay	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1	HY6801K-A	1
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section			3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2		3x50 mm2+1x25 mm2	
Note:													

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	SHEET 32
		CHECKED					SCALE 1:1 TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001 REV. F
		DATE					

380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS A)



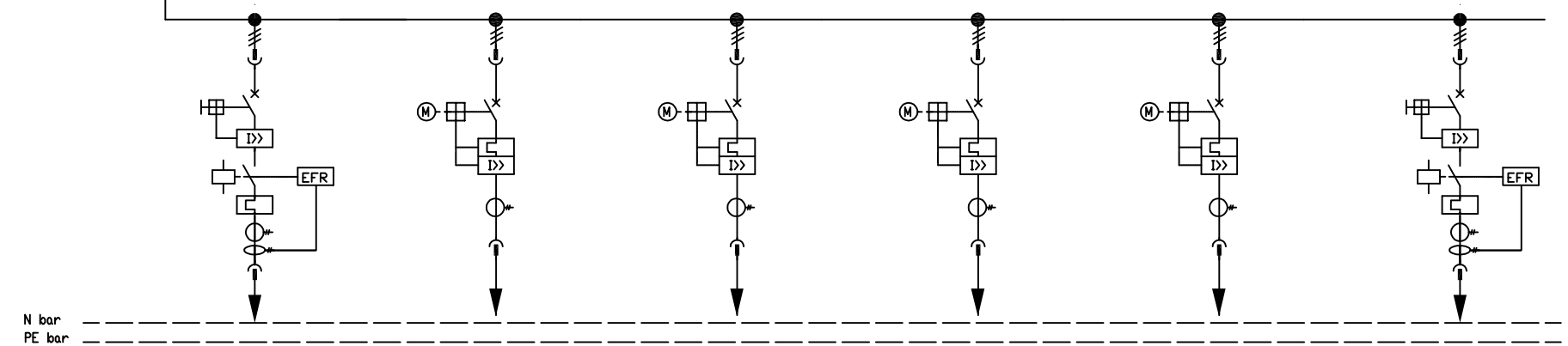
Cubicle No.		LVS-080004											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Air Cooler 309 N2 Установка аппаратов воздушного охлаждения газа		Spare Space									
Module No.		G : 8E		H : 16E									
Rating		37kW 71A											
Drawing No.		1TNR003373D3008											
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250MA100	1										
	Specification	3P,FF											
	Accessory	1Q+1SY											
2	Contactor	A110-30-11,220V	1										
3	Thermal Relay	TA80DU80	1										
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2C, 100/1A,Class0.5,10VA	1										
8	A-Meter	PA510H-A41/R/4DI/2DO(1A)	1										
9	Multifuntion Meter												
10	Earth Fault CT	HYCT635F	1										
11	Earth Fault Relay	HY6801K-A	1										
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	3x50 mm2+1x25 mm2											
Note:													

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 33
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

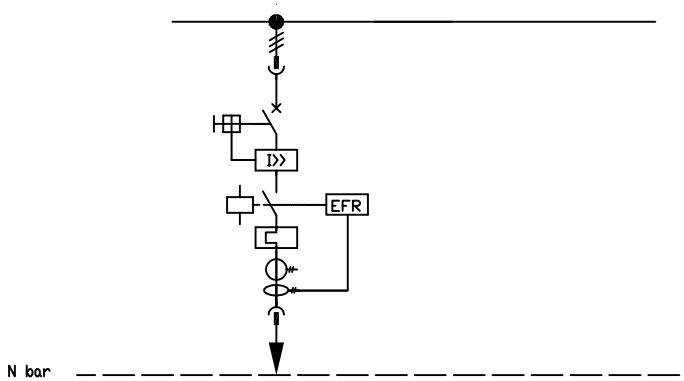
380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS A)



Cubicle No.		LVS-080003													
WidthXDepth		1000mm × 1200mm													
Consumer Name		Spare Резерв		Compressor Workshop 5.1 Crane 1 Компрессорныйцех 5.1 КЦ. Кран		Compressor Workshop 5.2 Crane 2 Компрессорныйцех 5.2 КЦ. Кран		Spare Резерв		Spare Резерв		Air Cooler 311 N1 установка аппаратов воздушного охлаждения газа	
Module No.		A : 8E		B : 8E		C : 8E		D : 8E		E : 8E		F : 8E	
Rating		37kW		15kW 28.6A		15kW 28.6A						37kW 71A	
Drawing No.		1TNR003373D3008		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3008	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250MA100	1	T4L250TMD50	1	T4L250TMD50	1	T4L250TMD32	1	T4L250TMD32	1	T4L250MA100	1
	Specification	3P,FF		3P,FF		3P,FF		3P,FF		3P,FF		3P,FF	
	Accessory	1Q+1SY		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY	
2	Contactor	A110-30-11,220V	1									A110-30-11,220V	1
3	Thermal Relay	TA80DU80	1									TA80DU80	1
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2C, 100/1A,Class0.5,10VA	1	LNC2A,50/5,Class0.5,2.5VA,3T	1	LNC2A,50/5,Class0.5,2.5VA,3T	1	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2C, 100/1A,Class0.5,10VA	1
8	A-Meter	PA510H-A41/R/4DI/2DO(1A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/4DI/2DO(1A)	1
9	Multifuntion Meter												
10	Earth Fault CT	HYCT635F	1									HYCT635F	1
11	Earth Fault Relay	HY6801K-A	1									HY6801K-A	1
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section			5x16 mm2		5x16 mm2						3x50 mm2+1x25 mm2	
Note:													

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram	ABB XIAMEN L.V. EQUIPMENT CO.LTD.	FUNCTION UCS1 Compressor Station	=	SHEET 34
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01		PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS A)

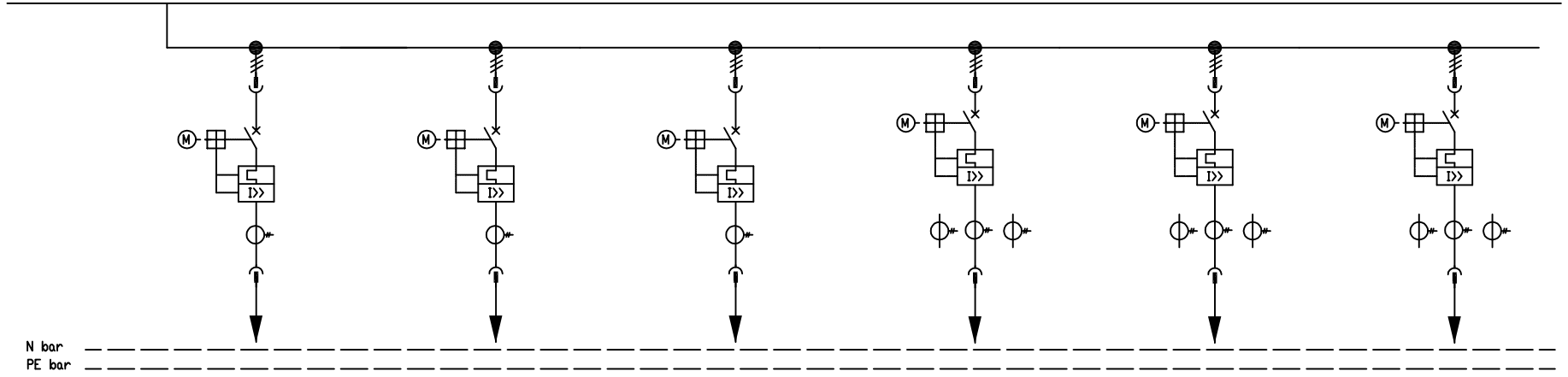


Cubicle No.		LVS-080003											
WidthXDepth		1000mm × 1200mm											
Consumer Name		Air Cooler 311 N2 установка аппаратов воздушного охлаждения газа		Spare Space									
Module No.		G : 8E		H : 16E									
Rating		37kW 71A											
Drawing No.		1TNR003373D3008											
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250MA100	1										
	Specification	3P,FF											
	Accessory	1Q+1SY											
2	Contactor	A110-30-11,220V	1										
3	Thermal Relay	TA80DU80	1										
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2C, 100/1A,Class0.5,10VA	1										
8	A-Meter	PA510H-A41/R/4DI/2DO(1A)	1										
9	Multifuntion Meter												
10	Earth Fault CT	HYCT635F	1										
11	Earth Fault Relay	HY6801K-A	1										
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	3x50 mm2+1x25 mm2											
Note:													

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 35
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS A)



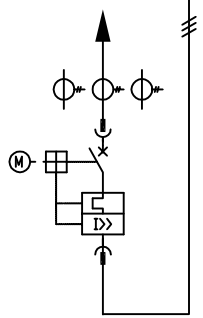
Cubicle No.		LVS-080002													
WidthXDepth		1000mm × 1200mm													
Consumer Name		Heater control cabinet (self-used gas skid) шкаф управления электронагревателем		Spare Резерв		Spare Резерв		Spare Резерв		Heater control cabinet (self-used gas skid) шкаф управления электронагревателем		Air compressor Помещение оборудования (компрессорная сжатого воздуха)	
Module No.		A : 8E		B : 8E		C : 8E		D : 16E		E : 16E		F : 16E	
Rating		21kW 40A								121kW 230A		140kW 266A	
Drawing No.		1TNR003373D3005		1TNR003373D3005		1TNR003373D3005		1TNR003373D3006		1TNR003373D3006		1TNR003373D3006	
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	T4L250R100	1	T4L250TMD32	1	T4L250TMD20	1	T5L400R400	1	T5L400R400	1	T5L400R400	1
	Specification	3P,FF,PR221DS-LSI		3P,FF		3P,FF		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI		3P,FF,PR221DS-LSI	
	Accessory	1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE		1Q+1SY MOE	
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LNC2A,75/5,Class0.5,2.5VA,2T	1	LNC2A,30/5,Class0.5,2.5VA,5T	1	LNC2A,10/5,Class 1,2.5VA,10T	1	LNC3,400/5,CLASS 0.5,5VA	3	LNC3,400/5,CLASS 0.5,5VA	3	LNC3,400/5,CLASS 0.5,5VA	3
8	A-Meter	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1	PA510H-A41/R/2DI/2DO(5A)	1						
9	Multifuntion Meter							PD510H-M44/R/2DI/2DO/H(5A)	1	PD510H-M44/R/2DI/2DO/H(5A)	1	PD510H-M44/R/2DI/2DO/H(5A)	1
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section	5X25 mm2								4x185 mm2+1x95 mm2		2(4x150+1x70) mm2	

Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 36
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						

380V, 50Hz, Main Busbar In=6300A,Icw=100KA, 3Ø, 4 WIRE(BUS A)



N bar

PE bar

Cubicle No.		LVS-080001		LVS-080001*1									
WidthXDepth		600mm × 1200mm		200mm × 1200mm									
Consumer Name		MCC-2 Центр управления двигателями -2		Empty Cubicle									
Module No.		A : 72E		A : 72E									
Rating		361kW 683.7A											
Drawing No.		1TNR003373D3004											
主要元器件名称 Main Components		Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.	Description	Qty.
1	Circuit Breaker	E3H1250R1250	1										
	Specification	PR122/P-LSI WMP3P,HR											
	Accessory	MY□YC220VAC,10C□											
2	Contactor												
3	Thermal Relay												
4	CT for Protecting												
5	Capacitor												
6	Controller												
7	CT	LN7,1250/5A,Class0.2,20VA	3										
8	A-Meter												
9	Multifuntion Meter	PD510H-M14/R/4DI/2D□/H(5A)	1										
10	Earth Fault CT												
11	Earth Fault Relay												
12	Fuse Switch for SPD												
13	SPD												
14	Fuse												
15	FAN												
16	Remark:												
17	Remark:												
18	Power Cable Section												

Note:

This drawing and the information contained thereon is the property of ABB and shall not be used, reproduced for any purpose, or shown to third parties without the written consent of ABB.

REV.	DESCRIPTION	DRAWN		TITLE Single Line Diagram		FUNCTION UCS1 Compressor Station	=	SHEET 37
		CHECKED					SCALE 1:1	TOTAL 37
CUSTOMER DRAWING NO.	REV.	APPROVED		PROJECT NO. PM003373-01	XIAMEN L.V. EQUIPMENT CO.LTD.	PROJECT NAME The Third Line of Uzbekistan-China Gas Pipeline Project	A4 DRAWING NO. 1TNR003373D1001	REV. F
		DATE						