

CMB-P-NU-G1/-NU-GA1/-NU-HA1/-NU-GB1/-NU-HB1

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Model name			CMB-P104NU-G1		CMB-P105NU-G1	
Number of branch			4		5	
Power source			1-phase 208/230V			
			60Hz	-	60Hz	-
Power input (208/230)	Cooling	kW	0.060	-	0.073	-
	Heating		0.027	-	0.033	-
Current (208/230)	Cooling	A	0.29/0.26	-	0.35/0.32	-
	Heating		0.13/0.12	-	0.16/0.14	-
External finish			Galvanized steel plate (Lower part drain pan :Pre-coated galvanized sheets + powder coating)			
Connectable outdoor unit			PURY-P72/96/120TLMU-A(-BS), PURY-P72/96/120YLMU-A(-BS), PURY-HP72/96TKMU-A, PURY-HP72/96YKMU-A, PQRY-P72/96/120TLMU-A, PQRY-P72/96/120YLMU-A PQRY-P72/96/120ZKMU-A			
Indoor unit capacity connectable to 1 branch		kW	Model P54 or smaller (Use optional joint pipe combing 2 branches when the total unit capacity exceeds P55.) (Use the reducer (standard accessory) when the indoor unit Model 18 or smaller is connected.)			
External dimension H x W x D		in. (mm)	11-3/16 x 25-17/32 x 17-1/32 (284 x 648 x 432)			
Refrigerant piping diameter	Connectable outdoor unit		To outdoor unit			
	capacity		High press. pipe		Low press. pipe	
		to P72	5/8 (15.88)		3/4 (19.05)	
		in. (mm) O.D.	Brazed		Brazed	
		P73 to P108	3/4 (19.05)		7/8 (22.2)	
		in. (mm) O.D.	Brazed		Brazed	
	P109 to P126	3/4 (19.05)		1-1/8 (28.58)		
	in. (mm) O.D.	Brazed		Brazed		
		To indoor unit				
			Liquid pipe		Gas pipe	
	in. (mm) O.D.	3/8 (9.52) Brazed (1/4 (6.35) with attached reducer used.)		5/8 (15.88) Brazed (1/2 (12.7) with attached reducer used, 3/4 (19.05) and 7/8 (22.2) with optional joint pipe used.)		
Field drain pipe size		in. (mm) O.D.	1-1/4 (32)		1-1/4 (32)	
Net weight		lbs (kg)	64 (29)		72 (32)	
Accessories			Drain Connection pipe (with flexible hose and insulation) Reducer		Drain Connection pipe (with flexible hose and insulation) Reducer	
Remark						
Note:						
1. Works not included: Installation/foundation work, electrical connection work, duct work, insulation work, power source switch, and other items are not specified in this specifications.						
2. The equipment is for R410A refrigerant.						
3. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors. (For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.)						
4. The data presented is based on a specific combination.						

Model name			CMB-P106NU-G1		CMB-P108NU-G1	
Number of branch			6		8	
Power source			1-phase 208/230V			
			60Hz	-	60Hz	-
Power input (208/230)	Cooling	kW	0.086	-	0.112	-
	Heating		0.040	-	0.053	-
Current (208/230)	Cooling	A	0.41/0.37	-	0.54/0.49	-
	Heating		0.19/0.17	-	0.25/0.23	-
External finish			Galvanized steel plate (Lower part drain pan: Pre-coated galvanized sheets + powder coating)			
Connectable outdoor unit			PURY-P72/96/120TLMU-A(-BS), PURY-P72/96/120YLMU-A(-BS), PURY-HP72/96TKMU-A, PURY-HP72/96YKMU-A, PQRY-P72/96/120TLMU-A, PQRY-P72/96/120YLMU-A PQRY-P72/96/120ZKMU-A			
Indoor unit capacity connectable to 1 branch		kW	Model P54 or smaller (Use optional joint pipe combing 2 branches when the total unit capacity exceeds P55.) (Use the reducer (standard accessory) when the indoor unit Model 18 or smaller is connected.)			
External dimension H x W x D		in. (mm)	11-3/16 x 25-17/32 x 17-1/32 (284 x 648 x 432)			
Refrigerant piping diameter	Connectable outdoor unit		To outdoor unit			
	capacity		High press. pipe		Low press. pipe	
		to P72	5/8 (15.88)		3/4 (19.05)	
		in. (mm) O.D.	Brazed		Brazed	
		P73 to P108	3/4 (19.05)		7/8 (22.2)	
		in. (mm) O.D.	Brazed		Brazed	
	P109 to P126	3/4 (19.05)		1-1/8 (28.58)		
	in. (mm) O.D.	Brazed		Brazed		
	To indoor unit					
			Liquid pipe		Gas pipe	
	in. (mm) O.D.	3/8 (9.52) Brazed (1/4 (6.35) with attached reducer used.)		5/8 (15.88) Brazed (1/2 (12.7) with attached reducer used, 3/4 (19.05) and 7/8 (22.2) with optional joint pipe used.)		
Field drain pipe size		in. (mm) O.D.	1-1/4 (32)		1-1/4 (32)	
Net weight		lbs (kg)	76 (34)		84 (38)	
Accessories			Drain Connection pipe (with flexible hose and insulation) Reducer		Drain Connection pipe (with flexible hose and insulation) Reducer	
Remark						
Note: 1. Works not included: Installation/foundation work, electrical connection work, duct work, insulation work, power source switch, and other items are not specified in this specifications. 2. The equipment is for R410A refrigerant. 3. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors. (For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.) 4. The data presented is based on a specific combination.						

1. SPECIFICATIONS

U11 2nd

Model name			CMB-P1010NU-G1		CMB-P1013NU-G1			
Number of branch			10		13			
Power source			1-phase 208/230V					
			60Hz	-	60Hz	-		
Power input (208/230)	Cooling	kW	0.138	-	0.178	-		
	Heating		0.066	-	0.086	-		
Current (208/230)	Cooling	A	0.66/0.60	-	0.86/0.77	-		
	Heating		0.32/0.29	-	0.41/0.37	-		
External finish			Galvanized steel plate (Lower part drain pan: Pre-coated galvanized sheets + powder coating)					
Connectable outdoor unit			PURY-P72/96/120TLMU-A(-BS), PURY-P72/96/120YLMU-A(-BS), PURY-HP72/96TKMU-A, PURY-HP72/96YKMU-A, PQRY-P72/96/120TLMU-A, PQRY-P72/96/120YLMU-A PQRY-P72/96/120ZKMU-A					
Indoor unit capacity connectable to 1 branch		kW	Model P54 or smaller (Use optional joint pipe combing 2 branches when the total unit capacity exceeds P55.) (Use the reducer (standard accessory) when the indoor unit Model 18 or smaller is connected.)					
External dimension H x W x D		in. (mm)	11-3/16 x 25-17/32 x 17-1/32 (284 x 648 x 432)		11-3/16 x 43-1/4 x 17-1/32 (284 x 1,098 x 432)			
Refrigerant piping diameter	Connectable outdoor unit capacity		To outdoor unit					
			High press. pipe		Low press. pipe			
			to P72		5/8 (15.88)		3/4 (19.05)	
			in. (mm) O.D.		Brazed		Brazed	
			P73 to P108		3/4 (19.05)		7/8 (22.2)	
	in. (mm) O.D.		Brazed		Brazed			
	P109 to P126		3/4 (19.05)		1-1/8 (28.58)			
	in. (mm) O.D.		Brazed		Brazed			
			To indoor unit					
			Liquid pipe		Gas pipe			
in. (mm) O.D.		3/8 (9.52) Brazed (1/4 (6.35) with attached reducer used.)		5/8 (15.88) Brazed (1/2 (12.7) with attached reducer used, 3/4 (19.05) and 7/8 (22.2) with optional joint pipe used.)				
Field drain pipe size		in. (mm) O.D.	1-1/4 (32)		1-1/4 (32)			
Net weight		lbs (kg)	94 (42)		126 (57)			
Accessories			Drain Connection pipe (with flexible hose and insulation) Reducer		Drain Connection pipe (with flexible hose and insulation) Reducer			
Remark								
Note:								
1. Works not included: Installation/foundation work, electrical connection work, duct work, insulation work, power source switch, and other items are not specified in this specifications.								
2. The equipment is for R410A refrigerant.								
3. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors. (For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.)								
4. The data presented is based on a specific combination.								

Model name			CMB-P1016NU-G1	
Number of branch			16	
Power source			1-phase 208/230V	
			60Hz	-
Power input (208/230)	Cooling	kW	0.217	-
	Heating		0.106	-
Current (208/230)	Cooling	A	1.04/0.94	-
	Heating		0.51/0.46	-
External finish			Galvanized steel plate (Lower part drain pan: Pre-coated galvanized sheets + powder coating)	
Connectable outdoor unit			PURY-P72/96/120TLMU-A(-BS), PURY-P72/96/120YLMU-A(-BS), PURY-HP72/96TKMU-A, PURY-HP72/96YKMU-A, PQRY-P72/96/120TLMU-A, PQRY-P72/96/120YLMU-A PQRY-P72/96/120ZKMU-A	
Indoor unit capacity connectable to 1 branch		kW	Model P54 or smaller (Use optional joint pipe combing 2 branches when the total unit capacity exceeds P55.) (Use the reducer (standard accessory) when the indoor unit Model 18 or smaller is connected.)	
External dimension H x W x D		in. (mm)	11-3/16 x 43-1/4 x 17-1/32 (284 x 1,098 x 432)	
Refrigerant piping diameter	Connectable outdoor unit		To outdoor unit	
	capacity		High press. pipe	Low press. pipe
		to P72	5/8 (15.88)	3/4 (19.05)
		in. (mm) O.D.	Brazed	Brazed
		P73 to P108	3/4 (19.05)	7/8 (22.2)
		in. (mm) O.D.	Brazed	Brazed
	P109 to P126	3/4 (19.05)	1-1/8 (28.58)	
		in. (mm) O.D.	Brazed	Brazed
		To indoor unit		
			Liquid pipe	Gas pipe
in. (mm) O.D.			3/8 (9.52) Brazed (1/4 (6.35) with attached reducer used.)	5/8 (15.88) Brazed (1/2 (12.7) with attached reducer used, 3/4 (19.05) and 7/8 (22.2) with optional joint pipe used.)
Field drain pipe size		in. (mm) O.D.	1-1/4 (32)	
Net weight		lbs (kg)	138 (62)	
Accessories			Drain Connection pipe (with flexible hose and insulation) Reducer	
Remark				
Note: 1. Works not included: Installation/foundation work, electrical connection work, duct work, insulation work, power source switch, and other items are not specified in this specifications. 2. The equipment is for R410A refrigerant. 3. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors. (For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.) 4. The data presented is based on a specific combination.				

1. SPECIFICATIONS

U11 2nd

Model name			CMB-P108NU-GA1		CMB-P1010NU-GA1			
Number of branch			8		10			
Power source			1-phase 208/230V					
			60Hz	-	60Hz	-		
Power input (208/230)	Cooling	kW	0.112	-	0.138	-		
	Heating		0.053	-	0.066	-		
Current (208/230)	Cooling	A	0.54/0.49	-	0.66/0.60	-		
	Heating		0.25/0.23	-	0.32/0.29	-		
External finish			Galvanized steel plate (Lower part drain pan: Pre-coated galvanized sheets + powder coating)					
Connectable outdoor unit			PURY-P72/96/120/144/168/192/216/240T(S)LMU-A(-BS), PURY-P72/96/120/144/168/192/216/240Y(S)LMU-A(-BS), PURY-HP72/96/144/192T(S)KMU-A, PURY-HP72/96/144/192Y(S)KMU-A, PQRY-P72/96/120/144/168/192/216/240T(S)LMU-A, PQRY-P72/96/120/144/168/192/216/240Y(S)LMU-A PQRY-P72/96/120/144/168/192/216/240Z(S)KMU-A					
Indoor unit capacity connectable to 1 branch		kW	Model P54 or smaller (Use optional joint pipe combing 2 branches when the total unit capacity exceeds P55.) (Use the reducer (standard accessory) when the indoor unit Model 18 or smaller is connected.)					
External dimension H x W x D		in. (mm)	11-13/32 x 43-23/32 x 20-1/2 (289 x 1,110 x 520)					
Refrigerant piping diameter	Connectable outdoor unit capacity		To outdoor unit (PURY)					
			High press. pipe		Low press. pipe			
			to P72 in. (mm) O.D.		5/8 (15.88) Brazed		3/4 (19.05) Brazed	
			P73 to P108 in. (mm) O.D.		3/4 (19.05) Brazed		7/8 (22.2) Brazed	
			P109 to P126 in. (mm) O.D.		3/4 (19.05) Brazed		1-1/8 (28.58) Brazed	
			P127 to P192 in. (mm) O.D.		7/8 (22.2) Brazed		1-1/8 (28.58) Brazed	
			P193 to P216 in. (mm) O.D.		1-1/8 (28.58) Brazed		1-1/8 (28.58) Brazed	
			P217 to P240 in. (mm) O.D.		1-1/8 (28.58) Brazed		1-3/8 (34.93) Brazed	
	Connectable heat source unit capacity		To heat source unit (PQRY)					
			High press. pipe		Low press. pipe			
			to P72 in. (mm) O.D.		5/8 (15.88) Brazed		3/4 (19.05) Brazed	
			P73 to P108 in. (mm) O.D.		3/4 (19.05) Brazed		7/8 (22.2) Brazed	
			P109 to P126 in. (mm) O.D.		3/4 (19.05) Brazed		1-1/8 (28.58) Brazed	
			P127 to P192 in. (mm) O.D.		7/8 (22.2) Brazed		1-1/8 (28.58) Brazed	
			P193 to P240 in. (mm) O.D.		1-1/8 (28.58) Brazed only Z(S)KMU		1-1/8 (28.58) Brazed only Z(S)KMU	
			P193 to P216 in. (mm) O.D.		7/8 (22.2) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m) only T(S)LMU and Y(S)LMU		1-1/8 (28.58) Brazed only T(S)LMU and Y(S)LMU	
	P217 to P240 in. (mm) O.D.		7/8 (22.2) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m) only T(S)LMU and Y(S)LMU		1-3/8 (34.93) Brazed only T(S)LMU and Y(S)LMU			
			To indoor unit					
			Liquid pipe		Gas pipe			
			in. (mm) O.D.	3/8 (9.52) Brazed (1/4 (6.35) with attached reducer used.)		5/8 (15.88) Brazed (1/2 (12.7) with attached reducer used, 3/4 (19.05) and 7/8 (22.2) with optional joint pipe used.)		
	Total indoor unit capacity connected to this Sub BC controller		To other BC controller					
			High press. pipe		Low press. pipe			
			Liquid pipe					
			to P72		5/8 (15.88) Brazed		3/4 (19.05) Brazed	
			in. (mm) O.D.		3/8 (9.52) Brazed			
			P73 to P108		3/4 (19.05) Brazed		7/8 (22.2) Brazed	
			in. (mm) O.D.		3/8 (9.52) Brazed			
	P109 to P126		3/4 (19.05) Brazed		1-1/8 (28.58) Brazed			
	in. (mm) O.D.		1/2 (12.7) Brazed					
Field drain pipe size	in. (mm) O.D.		1-1/4 (32)		1-1/4 (32)			
Net weight		lbs (kg)	122 (55)		132 (59)			
Accessories			Drain Connection pipe (with flexible hose and insulation) Reducer		Drain Connection pipe (with flexible hose and insulation) Reducer			
Remark								
Note:			1. Works not included: Installation/foundation work, electrical connection work, duct work, insulation work, power source switch, and other items are not specified in this specifications. 2. The equipment is for R410A refrigerant. 3. P204 to P240 type outdoor unit side high press. pipe can changed to "1-1/8 (28.58) Brazed". 4. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors. (For use in quiet environments with low background noise position the BC CONTROLLER at least 5m away from any indoor units.) 5. The data presented is based on a specific combination.					

1. SPECIFICATIONS

U11 2nd

Model name			CMB-P1013NU-GA1		CMB-P1016NU-GA1			
Number of branch			13		16			
Power source			1-phase 208/230V					
			60Hz	-	60Hz	-		
Power input (208/230)	Cooling	kW	0.178	-	0.217	-		
	Heating		0.086	-	0.106	-		
Current (208/230)	Cooling	A	0.86/0.77	-	1.04/0.94	-		
	Heating		0.41/0.37	-	0.51/0.46	-		
External finish			Galvanized steel plate (Lower part drain pan: Pre-coated galvanized sheets + powder coating)					
Connectable outdoor unit			PURY-P72/96/120/144/168/192/216/240T(S)LMU-A(-BS), PURY-P72/96/120/144/168/192/216/240Y(S)LMU-A(-BS), PURY-HP72/96/144/192T(S)KMU-A, PURY-HP72/96/144/192Y(S)KMU-A, PQRY-P72/96/120/144/168/192/216/240T(S)LMU-A, PQRY-P72/96/120/144/168/192/216/240Y(S)LMU-A PQRY-P72/96/120/144/168/192/216/240Z(S)KMU-A					
Indoor unit capacity connectable to 1 branch		kW	Model P54 or smaller (Use optional joint pipe combing 2 branches when the total unit capacity exceeds P55.) (Use the reducer (standard accessory) when the indoor unit Model 18 or smaller is connected.)					
External dimension H x W x D		in. (mm)	11-13/32 x 43-23/32 x 20-1/2 (289 x 1,110 x 520)					
Refrigerant piping diameter	Connectable outdoor unit capacity		To outdoor unit (PURY)					
			High press. pipe		Low press. pipe			
			to P72 in. (mm) O.D.		5/8 (15.88) Brazed		3/4 (19.05) Brazed	
			P73 to P108 in. (mm) O.D.		3/4 (19.05) Brazed		7/8 (22.2) Brazed	
			P109 to P126 in. (mm) O.D.		3/4 (19.05) Brazed		1-1/8 (28.58) Brazed	
			P127 to P192 in. (mm) O.D.		7/8 (22.2) Brazed		1-1/8 (28.58) Brazed	
			P193 to P216 in. (mm) O.D.		1-1/8 (28.58) Brazed		1-1/8 (28.58) Brazed	
			P217 to P240 in. (mm) O.D.		1-1/8 (28.58) Brazed		1-3/8 (34.93) Brazed	
	Connectable heat source unit capacity		To heat source unit (PQRY)					
			High press. pipe		Low press. pipe			
			to P72 in. (mm) O.D.		5/8 (15.88) Brazed		3/4 (19.05) Brazed	
			P73 to P108 in. (mm) O.D.		3/4 (19.05) Brazed		7/8 (22.2) Brazed	
			P109 to P126 in. (mm) O.D.		3/4 (19.05) Brazed		1-1/8 (28.58) Brazed	
			P127 to P192 in. (mm) O.D.		7/8 (22.2) Brazed		1-1/8 (28.58) Brazed	
			P193 to P240 in. (mm) O.D.		1-1/8 (28.58) Brazed only Z(S)KMU		1-1/8 (28.58) Brazed only Z(S)KMU	
			P193 to P216 in. (mm) O.D.		7/8 (22.2) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m) only T(S)LMU and Y(S)LMU		1-1/8 (28.58) Brazed only T(S)LMU and Y(S)LMU	
	P217 to P240 in. (mm) O.D.		7/8 (22.2) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m) only T(S)LMU and Y(S)LMU		1-3/8 (34.93) Brazed only T(S)LMU and Y(S)LMU			
			To indoor unit					
			Liquid pipe		Gas pipe			
			3/8 (9.52) Brazed (1/4 (6.35) with attached reducer used.)		5/8 (15.88) Brazed (1/2 (12.7) with attached reducer used, 3/4 (19.05) and 7/8 (22.2) with optional joint pipe used.)			
	Total indoor unit capacity connected to this Sub BC controller		To other BC controller					
			High press. pipe		Low press. pipe			
			Liquid pipe					
			to P72		3/4 (19.05) Brazed			
			in. (mm) O.D.		3/8 (9.52) Brazed			
			P73 to P108		7/8 (22.2) Brazed			
			in. (mm) O.D.		3/8 (9.52) Brazed			
	P109 to P126		3/4 (19.05) Brazed		1-1/8 (28.58) Brazed			
	in. (mm) O.D.		1/2 (12.7) Brazed					
Field drain pipe size	in. (mm) O.D.		1-1/4 (32)		1-1/4 (32)			
Net weight		lbs (kg)	148 (67)		162 (73)			
Accessories			Drain Connection pipe (with flexible hose and insulation) Reducer		Drain Connection pipe (with flexible hose and insulation) Reducer			
Remark								
Note:								
1. Works not included: Installation/foundation work, electrical connection work, duct work, insulation work, power source switch, and other items are not specified in this specifications.								
2. The equipment is for R410A refrigerant.								
3. P204 to P240 type outdoor unit side high press. pipe can changed to "1-1/8 (28.58) Brazed".								
4. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors. (For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.)								
5. The data presented is based on a specific combination.								

BC

1. SPECIFICATIONS

U11 2nd

Model name			CMB-P108NU-HA1	
Number of branch			8	
Power source			1-phase 208/230 V 60Hz	
			60Hz	-
Power input (208/230)	Cooling	kW	0.152/0.196	-
	Heating		0.076/0.098	-
Current (208/230)	Cooling	A	0.074/0.086	-
	Heating		0.37/0.43	-
External finish			Galvanized steel plate (Lower part drain pan: Pre-coated galvanized sheets + powder coating)	
Connectable outdoor unit			PURY-P72/96/120/144/168/192/216/240/264/288/312/336T(S)LMU-A(-BS), PURY-P72/96/120/144/168/192/216/240/264/288/312/336Y(S)LMU-A(-BS), PURY-HP72/96/144/192T(S)KMU-A, PURY-HP72/96/144/192Y(S)KMU-A, PQRY-P72/96/120/144/168/192/216/240/288/312/336T(S)LMU-A, PQRY-P72/96/120/144/168/192/216/240/288/312/336Y(S)LMU-A, PQRY-P72/96/120/144/168/192/216/240Z(S)KMU-A	
Connectable BC controller		Main BC	- CMB-P104/108NU-GB1, CMB-P1016NU-HB1	
		Sub BC		
Indoor unit capacity connectable to 1 branch		kW	Model P54 or smaller (Use optional joint pipe combining 2 branches when the total unit capacity exceeds P55.) (Use the reducer (standard accessory) when the indoor unit Model 18 or smaller is connected.)	
External dimension H x W x D		in. (mm)	11-7/16 x 43-3/4 x 20-1/2 (289 x 1,110 x 520)	
Refrigerant piping diameter	Connectable outdoor unit		To outdoor unit (PURY)	
	capacity		High press. pipe	Low press. pipe
		to P72 in. (mm) O.D.	5/8 (15.88) Brazed	3/4 (19.05) Brazed
		P73 to P108 in. (mm) O.D.	3/4 (19.05) Brazed	7/8 (22.2) Brazed
		P109 to P126 in. (mm) O.D.	3/4 (19.05) Brazed	1-1/8 (28.58) Brazed
		P127 to P192 in. (mm) O.D.	7/8 (22.2) Brazed	1-1/8 (28.58) Brazed
		P193 to P216 in. (mm) O.D.	1-1/8 (28.58) Brazed	1-1/8 (28.58) Brazed
		P217 to P240 in. (mm) O.D.	1-1/8 (28.58) Brazed	1-3/8 (34.93) Brazed
		P241 to P288 in. (mm) O.D.	1-1/8 (28.58) Brazed	1-3/8 (34.93) Brazed
	P289 to P336 in. (mm) O.D.	1-1/8 (28.58) Brazed	1-5/8 (41.28) Brazed	
	Connectable heat source unit		To heat source unit (PQRY)	
	capacity		High press. pipe	Low press. pipe
		to P72 in. (mm) O.D.	5/8 (15.88) Brazed	3/4 (19.05) Brazed
		P73 to P108 in. (mm) O.D.	3/4 (19.05) Brazed	7/8 (22.2) Brazed
		P109 to P126 in. (mm) O.D.	3/4 (19.05) Brazed	1-1/8 (28.58) Brazed
		P127 to P192 in. (mm) O.D.	7/8 (22.2) Brazed	1-1/8 (28.58) Brazed
		P193 to P240 in. (mm) O.D.	1-1/8 (28.58) Brazed only Z(S)KMU	1-1/8 (28.58) Brazed only Z(S)KMU
		P193 to P216 in. (mm) O.D.	7/8 (22.2) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m) only T(S)LMU and Y(S)LMU	1-1/8 (28.58) Brazed only T(S)LMU and Y(S)LMU
		P217 to P240 in. (mm) O.D.	7/8 (22.2) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m) only T(S)LMU and Y(S)LMU	1-3/8 (34.93) Brazed only T(S)LMU and Y(S)LMU
		P241 to P312 in. (mm) O.D.	1-1/8 (28.58) Brazed	1-3/8 (34.93) Brazed
	P313 to P336 in. (mm) O.D.	1-1/8 (28.58) Brazed	1-5/8 (41.28) Brazed	
			To indoor unit	
			Liquid pipe	Gas pipe
		in. (mm) O.D.	3/8 (9.52) Brazed (1/4 (6.35) with attached reducer used, 1/2 (12.7) with optional joint pipe used.)	5/8 (15.88) Brazed (1/2 (12.7) with attached reducer used, 3/4 (19.05), 7/8 (22.2) with optional joint pipe used.)
	Total indoor unit capacity connected to this Sub BC controller		To other BC controller	
			High press. pipe	Low press. pipe
			Liquid pipe	
		to P72 in. (mm) O.D.	5/8 (15.88) Brazed	3/4 (19.05) Brazed
		P73 to P108 in. (mm) O.D.	3/8 (9.52) Brazed	
		P109 to P126 in. (mm) O.D.	3/4 (19.05) Brazed	7/8 (22.2) Brazed
		P127 to P144 in. (mm) O.D.	3/8 (9.52) Brazed	
		P145 to P168 in. (mm) O.D.	3/4 (19.05) Brazed	1-1/8 (28.58) Brazed
			1/2 (12.7) Brazed	
			7/8 (22.2) Brazed	1-1/8 (28.58) Brazed
	1/2 (12.7) Brazed			
	7/8 (22.2) Brazed	1-1/8 (28.58) Brazed		
	5/8 (15.88) Brazed			
Field drain pipe size	in. (mm) O.D.	1-1/4 (32)		
Net weight		lbs (kg)	124 (56)	
Accessories			Drain Connection pipe (with flexible hose and insulation), Reducer	
Remark				
Note: 1. Use this product when connecting outdoor unit P264 or more. 2. Works not included: Installation/foundation work, electrical connection work, duct work, insulation work, power source switch, and other items are not specified in this specifications. 3. The equipment is for R410A refrigerant. 4. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors. (For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.) 5. The data presented is based on a specific combination.				

1. SPECIFICATIONS

U11 2nd

Model name			CMB-P1010NU-HA1		
Number of branch			10		
Power source			1-phase 208/230 V 60Hz		
			60Hz		-
Power input (208/230)	Cooling	kW	0.183/0.236		-
	Heating		0.092/0.118		-
Current (208/230)	Cooling	A	0.88/1.03		-
	Heating		0.45/0.52		-
External finish			Galvanized steel plate (Lower part drain pan: Pre-coated galvanized sheets + powder coating)		
Connectable outdoor unit			PURY-P72/96/120/144/168/192/216/240/264/288/312/336T(S)LMU-A(-BS), PURY-P72/96/120/144/168/192/216/240/264/288/312/336Y(S)LMU-A(-BS), PURY-HP72/96/144/192T(S)KMU-A, PURY-HP72/96/144/192Y(S)KMU-A, PQRY-P72/96/120/144/168/192/216/240/288/312/336T(S)LMU-A, PQRY-P72/96/120/144/168/192/216/240/288/312/336Y(S)LMU-A PQRY-P72/96/120/144/168/192/216/240Z(S)KMU-A		
Connectable BC controller		Main BC	- CMB-P104/108NU-GB1, CMB-P1016NU-HB1		
		Sub BC			
Indoor unit capacity connectable to 1 branch		kW	Model P54 or smaller (Use optional joint pipe combining 2 branches when the total unit capacity exceeds P55.) (Use the reducer (standard accessory) when the indoor unit Model 18 or smaller is connected.)		
External dimension H x W x D		in. (mm)	11-7/16 x 43-3/4 x 20-1/2 (289 x 1,110 x 520)		
Refrigerant piping diameter	Connectable outdoor unit capacity		To outdoor unit (PURY)		
			High press. pipe		Low press. pipe
	to P72 in. (mm) O.D.		5/8 (15.88) Brazed		3/4 (19.05) Brazed
	P73 to P108 in. (mm) O.D.		3/4 (19.05) Brazed		7/8 (22.2) Brazed
	P109 to P126 in. (mm) O.D.		3/4 (19.05) Brazed		1-1/8 (28.58) Brazed
	P127 to P192 in. (mm) O.D.		7/8 (22.2) Brazed		1-1/8 (28.58) Brazed
	P193 to P216 in. (mm) O.D.		1-1/8 (28.58) Brazed		1-1/8 (28.58) Brazed
	P217 to P240 in. (mm) O.D.		1-1/8 (28.58) Brazed		1-3/8 (34.93) Brazed
	P241 to P288 in. (mm) O.D.		1-1/8 (28.58) Brazed		1-3/8 (34.93) Brazed
	P289 to P336 in. (mm) O.D.		1-1/8 (28.58) Brazed		1-5/8 (41.28) Brazed
	Connectable heat source unit capacity		To heat source unit (PQRY)		
			High press. pipe		Low press. pipe
	to P72 in. (mm) O.D.		5/8 (15.88) Brazed		3/4 (19.05) Brazed
	P73 to P108 in. (mm) O.D.		3/4 (19.05) Brazed		7/8 (22.2) Brazed
	P109 to P126 in. (mm) O.D.		3/4 (19.05) Brazed		1-1/8 (28.58) Brazed
	P127 to P192 in. (mm) O.D.		7/8 (22.2) Brazed		1-1/8 (28.58) Brazed
	P193 to P240 in. (mm) O.D.		1-1/8 (28.58) Brazed only Z(S)KMU		1-1/8 (28.58) Brazed only Z(S)KMU
	P193 to P216 in. (mm) O.D.		7/8 (22.2) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m) only T(S)LMU and Y(S)LMU		1-1/8 (28.58) Brazed only T(S)LMU and Y(S)LMU
	P217 to P240 in. (mm) O.D.		7/8 (22.2) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m) only T(S)LMU and Y(S)LMU		1-3/8 (34.93) Brazed only T(S)LMU and Y(S)LMU
	P241 to P312 in. (mm) O.D.		1-1/8 (28.58) Brazed		1-3/8 (34.93) Brazed
	P313 to P336 in. (mm) O.D.		1-1/8 (28.58) Brazed		1-5/8 (41.28) Brazed
			To indoor unit		
			Liquid pipe		Gas pipe
	in. (mm) O.D.		3/8 (9.52) Brazed (1/4 (6.35) with attached reducer used, 1/2 (12.7) with optional joint pipe used.)		5/8 (15.88) Brazed (1/2 (12.7) with attached reducer used, 3/4 (19.05), 7/8 (22.2) with optional joint pipe used.)
	Total indoor unit capacity connected to this Sub BC controller		To other BC controller		
			High press. pipe		Low press. pipe
			Liquid pipe		
	to P72 in. (mm) O.D.		5/8 (15.88) Brazed		3/4 (19.05) Brazed
	P73 to P108 in. (mm) O.D.		3/4 (19.05) Brazed		7/8 (22.2) Brazed
	P109 to P126 in. (mm) O.D.		3/4 (19.05) Brazed		1-1/8 (28.58) Brazed
	P127 to P144 in. (mm) O.D.		7/8 (22.2) Brazed		1-1/8 (28.58) Brazed
	P145 to P168 in. (mm) O.D.		7/8 (22.2) Brazed		1-1/8 (28.58) Brazed
			5/8 (15.88) Brazed		
Field drain pipe size	in. (mm) O.D.	1-1/4 (32)			
Net weight		lbs (kg)	131 (59)		
Accessories		Drain Connection pipe (with flexible hose and insulation), Reducer			
Remark					
Note: 1. Use this product when connecting outdoor unit P264 or more. 2. Works not included: Installation/foundation work, electrical connection work, duct work, insulation work, power source switch, and other items are not specified in this specifications. 3. The equipment is for R410A refrigerant. 4. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors. (For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.) 5. The data presented is based on a specific combination.					

BC

1. SPECIFICATIONS

U11 2nd

Model name			CMB-P1016NU-HA1		
Number of branch			16		
Power source			1-phase 208/230 V 60Hz		
			60Hz	-	
Power input (208/230)	Cooling	kW	0.274/0.353	-	
	Heating		0.137/0.177	-	
Current (208/230)	Cooling	A	1.32/1.54	-	
	Heating		0.66/0.77	-	
External finish			Galvanized steel plate (Lower part drain pan :Pre-coated galvanized sheets + powder coating)		
Connectable outdoor unit			PURY-P72/96/120/144/168/192/216/240/264/288/312/336T(S)LMU-A(-BS), PURY-P72/96/120/144/168/192/216/240/264/288/312/336Y(S)LMU-A(-BS), PURY-HP72/96/144/192T(S)KMU-A, PURY-HP72/96/144/192Y(S)KMU-A, PQRY-P72/96/120/144/168/192/216/240/288/312/336T(S)LMU-A, PQRY-P72/96/120/144/168/192/216/240/288/312/336Y(S)LMU-A PQRY-P72/96/120/144/168/192/216/240Z(S)KMU-A		
Connectable BC controller		Main BC	-		
		Sub BC	CMB-P104/108NU-GB1, CMB-P1016NU-HB1		
Indoor unit capacity connectable to 1 branch		kW	Model P54 or smaller (Use optional joint pipe combining 2 branches when the total unit capacity exceeds P55.) (Use the reducer (standard accessory) when the indoor unit Model 18 or smaller is connected.)		
External dimension H x W x D		in. (mm)	11-7/16 x 43-3/4 x 20-1/2 (289 x 1,110 x 520)		
Refrigerant piping diameter	Connectable outdoor unit capacity		To outdoor unit (PURY)		
			High press. pipe	Low press. pipe	
	to P72 in. (mm) O.D.		5/8 (15.88) Brazed	3/4 (19.05) Brazed	
	P73 to P108 in. (mm) O.D.		3/4 (19.05) Brazed	7/8 (22.2) Brazed	
	P109 to P126 in. (mm) O.D.		3/4 (19.05) Brazed	1-1/8 (28.58) Brazed	
	P127 to P192 in. (mm) O.D.		7/8 (22.2) Brazed	1-1/8 (28.58) Brazed	
	P193 to P216 in. (mm) O.D.		1-1/8 (28.58) Brazed	1-1/8 (28.58) Brazed	
	P217 to P240 in. (mm) O.D.		1-1/8 (28.58) Brazed	1-3/8 (34.93) Brazed	
	P241 to P288 in. (mm) O.D.		1-1/8 (28.58) Brazed	1-3/8 (34.93) Brazed	
	P289 to P336 in. (mm) O.D.		1-1/8 (28.58) Brazed	1-5/8 (41.28) Brazed	
	Connectable heat source unit capacity		To heat source unit (PQRY)		
			High press. pipe	Low press. pipe	
	to P72 in. (mm) O.D.		5/8 (15.88) Brazed	3/4 (19.05) Brazed	
	P73 to P108 in. (mm) O.D.		3/4 (19.05) Brazed	7/8 (22.2) Brazed	
	P109 to P126 in. (mm) O.D.		3/4 (19.05) Brazed	1-1/8 (28.58) Brazed	
	P127 to P192 in. (mm) O.D.		7/8 (22.2) Brazed	1-1/8 (28.58) Brazed	
	P193 to P240 in. (mm) O.D.		1-1/8 (28.58) Brazed only Z(S)KMU	1-1/8 (28.58) Brazed only Z(S)KMU	
	P193 to P216 in. (mm) O.D.		7/8 (22.2) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m) only T(S)LMU and Y(S)LMU	1-1/8 (28.58) Brazed only T(S)LMU and Y(S)LMU	
	P217 to P240 in. (mm) O.D.		7/8 (22.2) Brazed (1-1/8 (28.58) Brazed for the part that exceeds 65 m) only T(S)LMU and Y(S)LMU	1-3/8 (34.93) Brazed only T(S)LMU and Y(S)LMU	
	P241 to P312 in. (mm) O.D.		1-1/8 (28.58) Brazed	1-3/8 (34.93) Brazed	
	P313 to P336 in. (mm) O.D.		1-1/8 (28.58) Brazed	1-5/8 (41.28) Brazed	
			To indoor unit		
			Liquid pipe	Gas pipe	
	in. (mm) O.D.		3/8 (9.52) Brazed (1/4 (6.35) with attached reducer used, 1/2 (12.7) with optional joint pipe used.)	5/8 (15.88) Brazed (1/2 (12.7) with attached reducer used, 3/4 (19.05), 7/8 (22.2) with optional joint pipe used.)	
	Total indoor unit capacity connected to this Sub BC controller		To other BC controller		
			High press. pipe	Low press. pipe	
			Liquid pipe		
	to P72 in. (mm) O.D.		5/8 (15.88) Brazed	3/4 (19.05) Brazed	
	P73 to P108 in. (mm) O.D.		3/4 (19.05) Brazed	7/8 (22.2) Brazed	
	P109 to P126 in. (mm) O.D.		3/4 (19.05) Brazed	1-1/8 (28.58) Brazed	
	P127 to P144 in. (mm) O.D.		7/8 (22.2) Brazed	1-1/8 (28.58) Brazed	
	P145 to P168 in. (mm) O.D.		7/8 (22.2) Brazed	1-1/8 (28.58) Brazed	
			5/8 (15.88) Brazed		
	Field drain pipe size	in. (mm) O.D.	1-1/4 (32)		
Net weight		lbs (kg)	172 (78)		
Accessories			Drain Connection pipe (with flexible hose and insulation), Reducer		
Remark					
Note:			1. Use this product when connecting outdoor unit P264 or more. 2. Works not included: Installation/foundation work, electrical connection work, duct work, insulation work, power source switch, and other items are not specified in this specifications. 3. The equipment is for R410A refrigerant. 4. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors. (For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.) 5. The data presented is based on a specific combination.		

Model name			CMB-P104NU-GB1		CMB-P108NU-GB1	
Number of branch			4		8	
Power source			1-phase 208/230V			
			60Hz	-	60Hz	-
Power input (208/230)	Cooling	kW	0.053	-	0.106	-
	Heating		0.027	-	0.053	-
Current (208/230)	Cooling	A	0.25/0.23	-	0.51/0.46	-
	Heating		0.13/0.12	-	0.25/0.23	-
External finish			Galvanized steel plate (Lower part drain pan :Pre-coated galvanized sheets + powder coating)			
Indoor unit capacity connectable to 1 branch		kW	Model P54 or smaller (Use optional joint pipe combing 2 branches when the total unit capacity exceeds P55.) (Use the reducer (standard accessory) when the indoor unit Model 18 or smaller is connected.)			
External dimension H x W x D		in. (mm)	11-3/16 x 25-17/32 x 17-1/32 (284 x 648 x 432)			
Refrigerant piping diameter	To indoor unit					
			Liquid pipe		Gas pipe	
	in. (mm) O.D.		3/8 (9.52) Brazed (1/4 (6.35) with attached reducer used.)		5/8 (15.88) Brazed (1/2 (12.7) with attached reducer used, 3/4 (19.05) and 7/8 (22.2) with optional joint pipe used.)	
	Total indoor unit capacity connected to this Sub BC controller		To other BC controller			
			High press. pipe		Low press. pipe	
			Liquid pipe			
	to P72		5/8 (15.88) Brazed		3/4 (19.05) Brazed	
	in. (mm) O.D.		3/8 (9.52) Brazed			
	P73 to P108		3/4 (19.05) Brazed		7/8 (22.2) Brazed	
	in. (mm) O.D.		3/8 (9.52) Brazed			
	P109 to P126		3/4 (19.05) Brazed		1-1/8 (28.58) Brazed	
	in. (mm) O.D.		1/2 (12.7) Brazed			
	Field drain pipe size		in. (mm) O.D.	1-1/4 (32)		1-1/4 (32)
Net weight		lbs (kg)	62 (28)		82 (37)	
Accessories			Drain Connection pipe (with flexible hose and insulation) Reducer		Drain Connection pipe (with flexible hose and insulation) Reducer	
Remark						
Note:						
1. Works not included: Installation/foundation work, electrical connection work, duct work, insulation work, power source switch, and other items are not specified in this specifications.						
2. The equipment is for R410A refrigerant.						
3. To use the Sub BC controller, the Main BC controller is necessary to be connected with.						
4. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors.(For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.)						
5. The data presented is based on a specific combination.						

1. SPECIFICATIONS

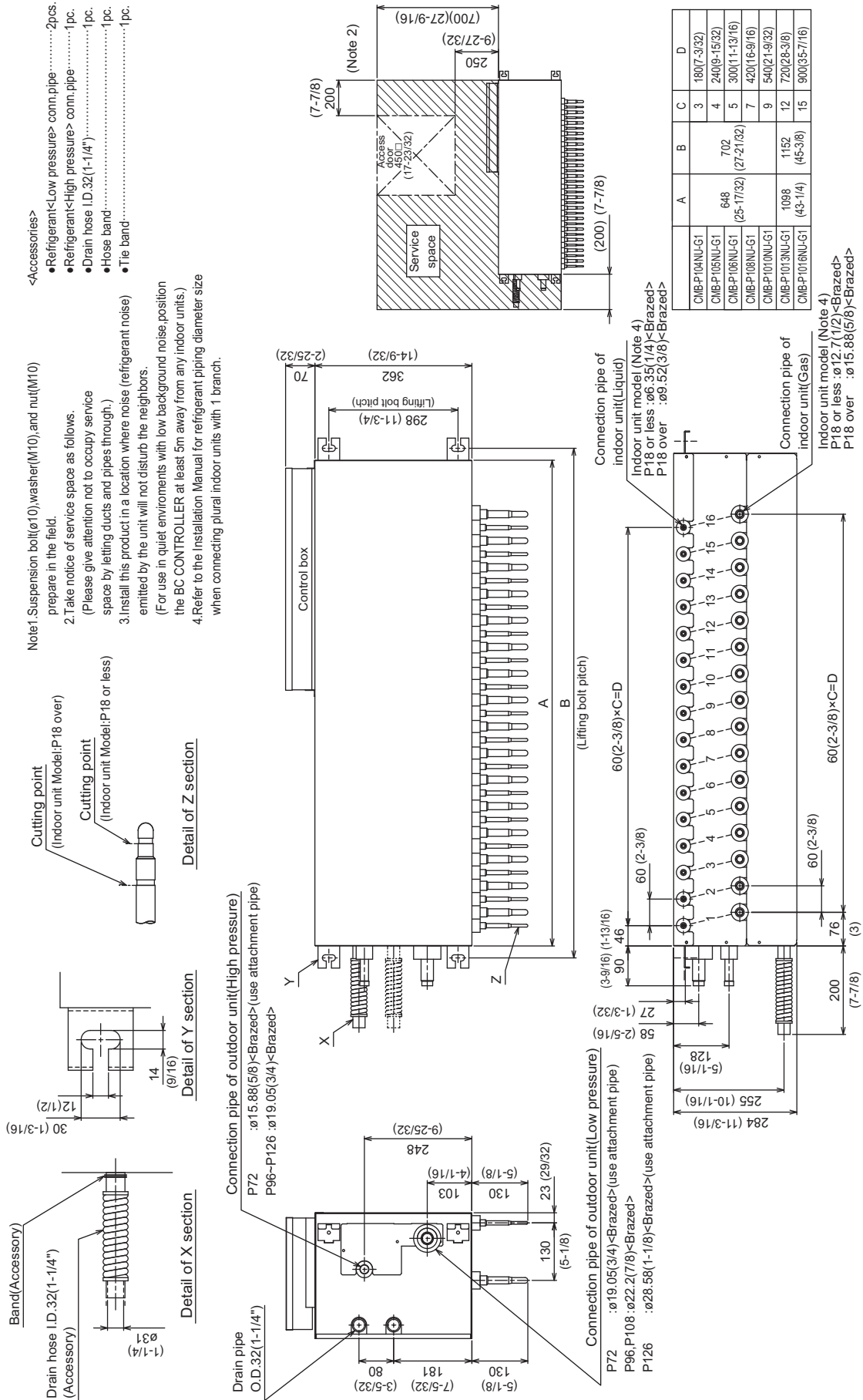
U11 2nd

Model name			CMB-P1016NU-HB1	
Number of branch			16	
Power source			1-phase 208/230 V 60Hz	
			60Hz	-
Power input (208/230)	Cooling	kW	0.314	-
	Heating		0.157	-
Current (208/230)	Cooling	A	1.17/1.37	-
	Heating		0.59/0.69	-
External finish			Galvanized steel plate (Lower part drain pan: Pre-coated galvanized sheets + powder coating)	
Connectable BC controller		Main BC	CMB-P108/1010/1013/1016NU-GA1	
		Sub BC	CMB-P104/108NU-GB1, CMB-P1016NU-HB1	
Indoor unit capacity connectable to 1 branch		kW	Model P54 or smaller (Use optional joint pipe combining 2 branches when the total unit capacity exceeds P55.) (Use the reducer (standard accessory) when the indoor unit Model 18 or smaller is connected.	
External dimension H x W x D		in. (mm)	11-3/16 x 43-1/4 x 17-1/32 (284 x 1098 x 432)	
Refrigerant piping diameter	Connectable outdoor unit capacity		To outdoor unit	
			High press. pipe	Low press. pipe
		in. (mm) O.D.	-	-
			To indoor unit	
			Liquid pipe	Gas pipe
		in. (mm) O.D.	3/8 (9.52) Braze (1/4 (6.35)with attached reducer used, 1/2 (12.7)with optional joint pipe used.)	5/8 (15.88) Braze (1/2 (12.7)with attached reducer used, 3/4 (19.05)with optional joint pipe used.)
	Total indoor unit capacity connected to this Sub BC controller		To other BC controller	
			High press. pipe	Low press. pipe
			Liquid pipe	
		to P72 in. (mm) O.D.	5/8 (15.88) Braze	3/4 (19.05) Braze
			3/8 (9.52) Braze	
		P73 to P108 in. (mm) O.D.	3/4 (19.05) Braze	7/8 (22.2) Braze
			3/8 (9.52) Braze	
		P109 to P126 in. (mm) O.D.	3/4 (19.05) Braze	1-1/8 (28.58) Braze
			1/2 (12.7) Braze	
		P127 to P144 in. (mm) O.D.	7/8 (22.2) Braze	1-1/8 (28.58) Braze
			1/2 (12.7) Braze	
		P145 to P168 in. (mm) O.D.	7/8 (22.2) Braze	1-1/8 (28.58) Braze
			5/8 (15.88) Braze	
Field drain pipe size		in. (mm) O.D.	1-1/4 (32mm)	
Net weight		lbs (kg)	136 (61)	
Accessories			Drain Connection pipe (with flexible hose and insulation) Reducer	
Remark				
Note: 1. Works not included: Installation/foundation work, electrical connection work, duct work, duct work, insulation work, power source switch, and other items are not specified in this specifications. 2. The equipment is for R410A refrigerant. 3. For sub BC controller CMB-P1016NU-HB1 the connectable indoor unit capacities may sum to equal that or a P126 unit or less. However, if two sub controllers are used the TOTAL sum of connectable units connected to BOTH sub controllers must also not exceed that of a P168 unit. 4. To use the Sub BC controller, the Main BC controller is necessary to be connected with. 5. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors. (For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.) 6. The data presented is based on a specific combination.				

BC

CMB-P104, 105, 106, 108, 1010, 1013, 1016NU-G1

Unit: mm (in.)



Unit: mm (in.)

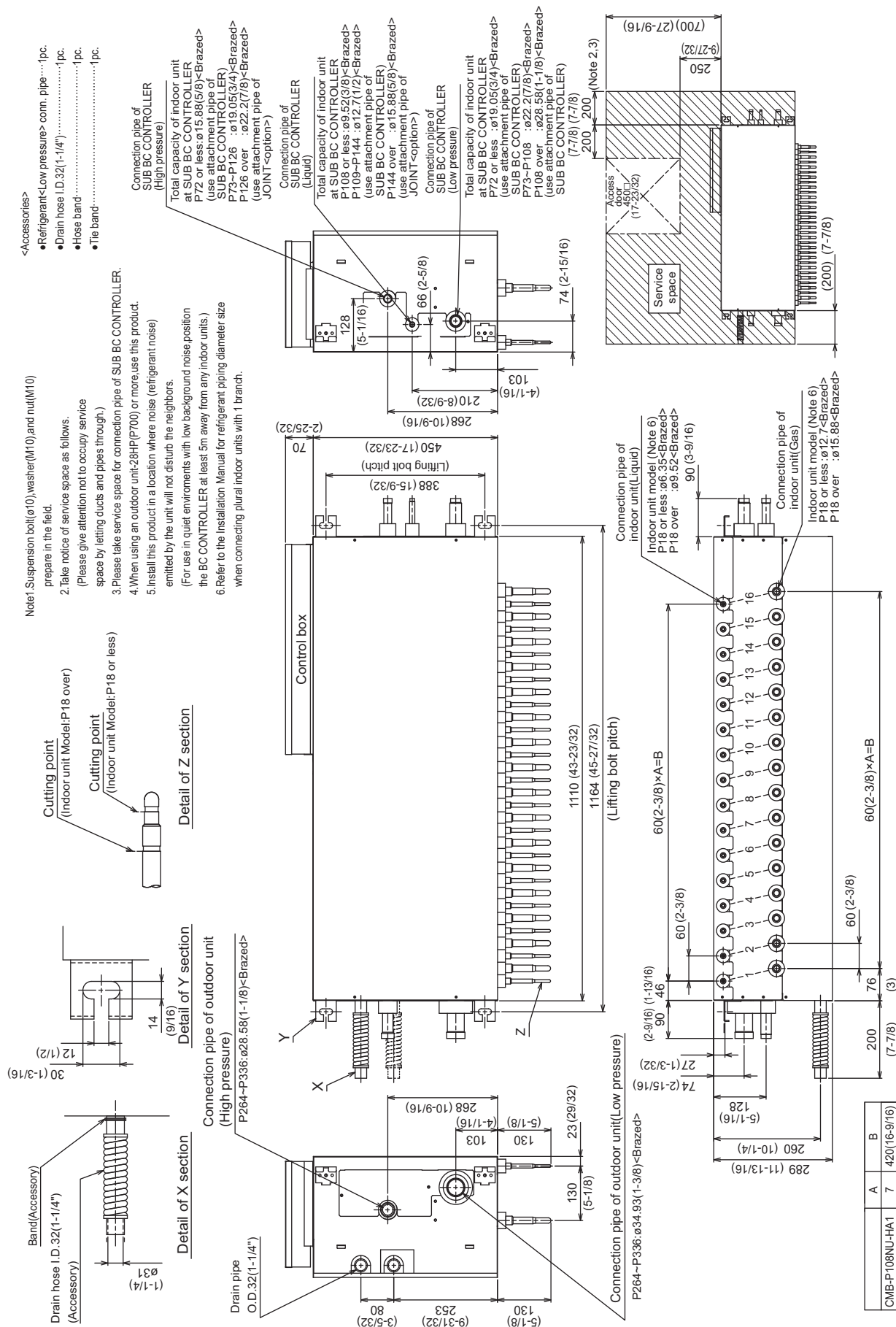


CMB-P108, 1010, 1016NU-HA1

Unit: mm (in.)

- <Accessories>
- Refrigerant<Low pressure> conn. pipe.....1pc.
 - Drain hose I.D.32(1-1/4").....1pc.
 - Hose band.....1pc.
 - Tie band.....1pc.

- Note 1. Suspension bolt(φ10), washer(M10) and nut(M10) prepare in the field.
2. Take notice of service space as follows.
(Please give attention not to occupy service space by letting ducts and pipes through.)
3. Please take service space for connection pipe of SUB BC CONTROLLER.
4. When using an outdoor unit-28HP(P700) or more, use this product.
5. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors.
(For use in quiet environments with low background noise position the BC CONTROLLER at least 5m away from any indoor units.)
6. Refer to the Installation Manual for refrigerant piping diameter size when connecting plural indoor units with 1 branch.



	A	B
CMB-P108NU-HA1	7	420(16-9/16)
CMB-P1010NU-HA1	9	540(21-9/32)
CMB-P1016NU-HA1	15	900(35-7/16)

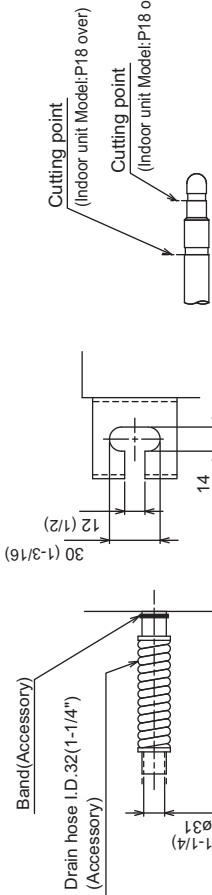
BC

CMB-P104, 108NU-GB1

Unit: mm (in.)

- <Accessories>
- Refrigerant<Low pressure> conn. pipe.....4pcs.
 - Refrigerant<High pressure> conn. pipe.....2pcs.
 - Refrigerant<Liquid> conn. pipe.....2pcs.
 - Drain hose I.D.32(1-1/4").....1pc.
 - Hose band.....1pc.
 - Tie band.....1pc.

- Note1. Suspension bolt(ø10), washer(M10), and nut(M10) prepare in the field.
2. Take notice of service space as follows.
(Please give attention not to occupy service space by letting ducts and pipes through.)
3. Can't use singleness. (MAIN BC CONTROLLER is necessary.)
4. Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors.
(For use in quiet environments with low background noise position the BC CONTROLLER at least 5m away from any indoor units.)
5. Refer to the Installation Manual for refrigerant piping diameter size when connecting plural indoor units with 1 branch.

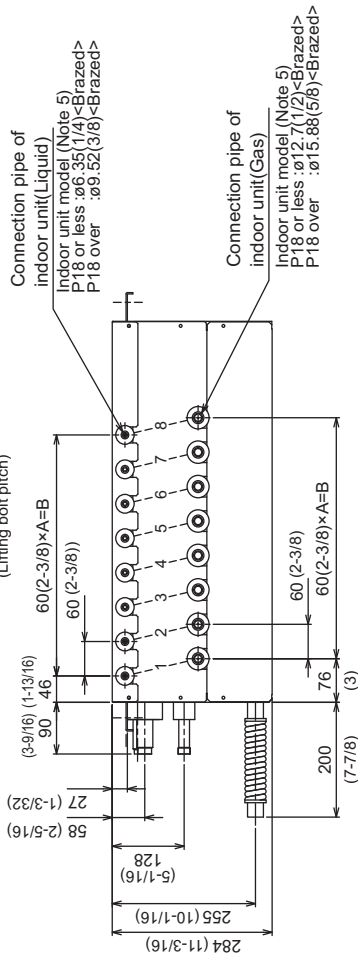
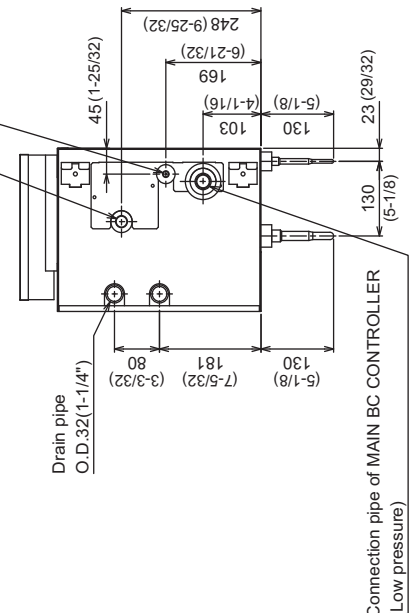
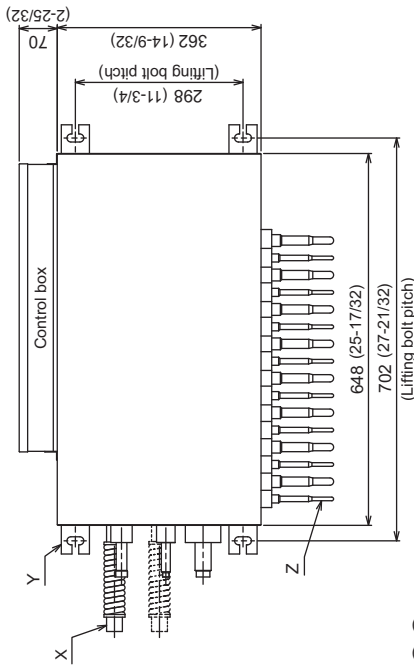
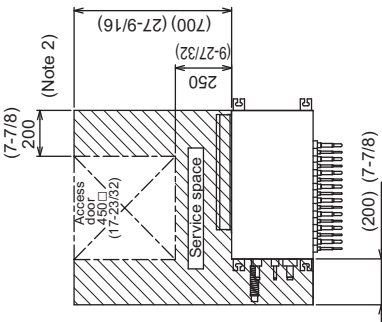


Detail of X section

Detail of Y section

Connection pipe of MAIN BC CONTROLLER
(High pressure)
Total capacity of indoor units at SUB BC CONTROLLER
P72 or less : ø15.88(5/8)<Brazed>(use attachment pipe)
P72 over : ø19.05(3/4)<Brazed>

Connection pipe of MAIN BC CONTROLLER(Liquid)
Total capacity of indoor units at SUB BC CONTROLLER
P108 or less : ø9.52(3/8)<Brazed>
P108 over : ø12.7(1/2)<Brazed>(use attachment pipe)



A	B
CMB-P104NU-GB1	3 180(7-3/32)
CMB-P108NU-GB1	7 420(16-9/16)

Unit: mm (in.)



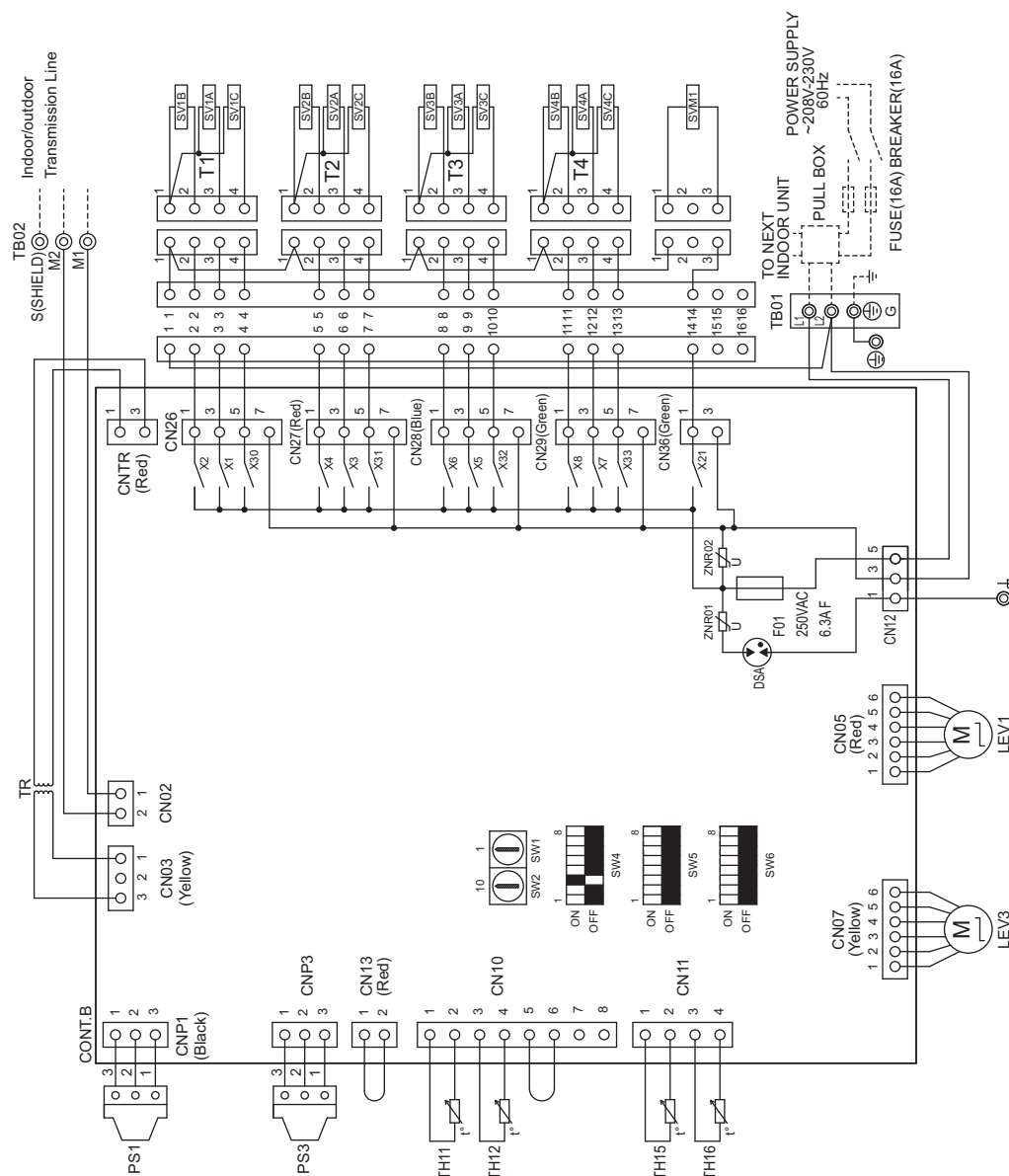
CMB-P104NU-G1

(Symbol explanation)		
Symbol	Name	
TR	Transformer	
TH11, 12, 15, 16	Thermister sensor	
LEV1,3	Expansion valve	
PS1,3	Pressure sensor	
CONT.B	Circuit board	BC controller
TB01	Terminal block (for power source)	
TB02	Terminal block (for Transmission)	
SV1~4A,B,C	Solenoid valve	
SVM1	Solenoid valve	
T1~4	Terminal	
F01	Fuse AC250V 6.3A F	

Note:1.TB02 is transmission terminal block.
Never connect power line to it.

2.The initial set values of switch on CONT.B are as follows.

SW1:0
SW2:0



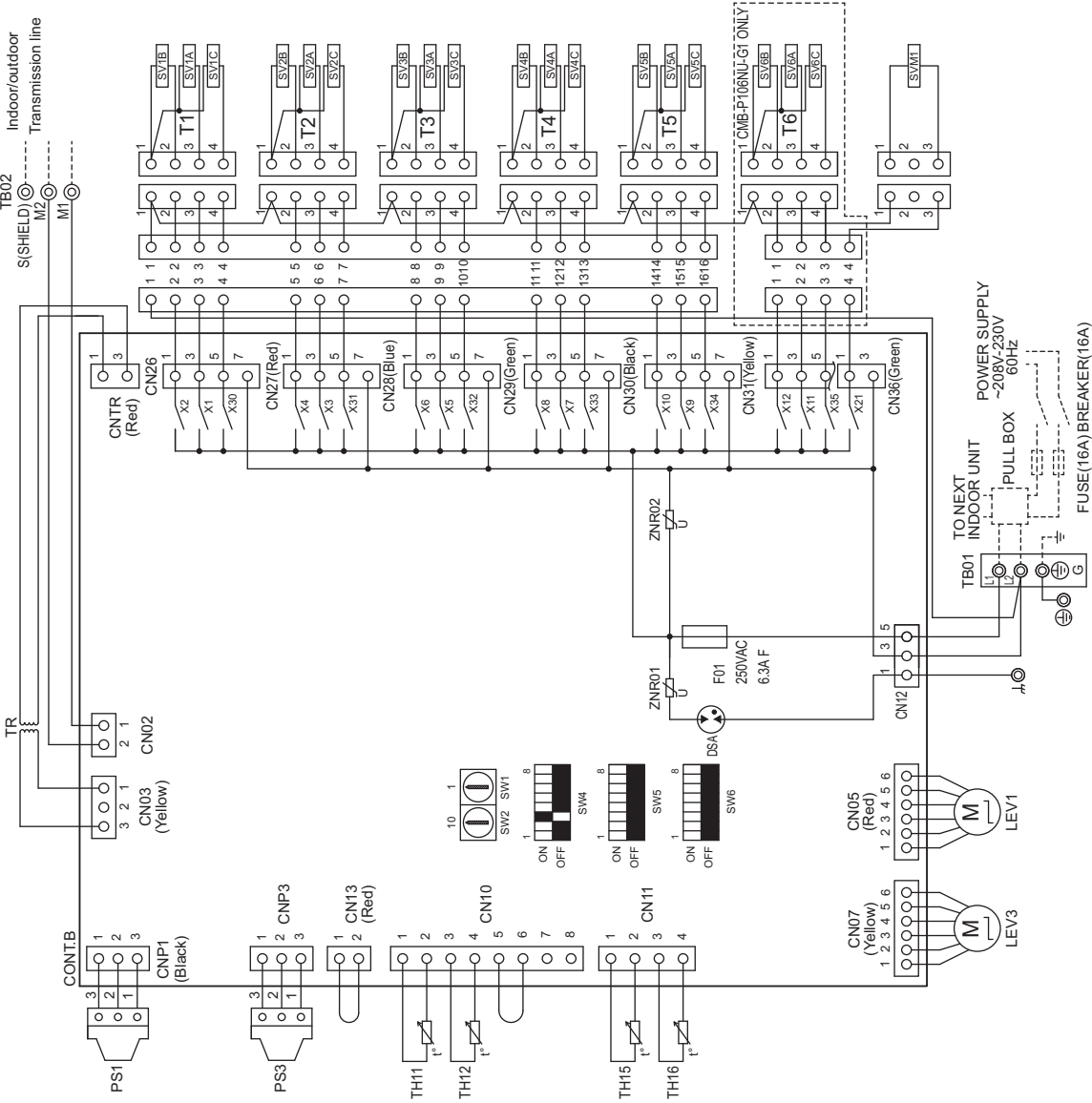
CMB-P105, 106NU-G1

(Symbol explanation)

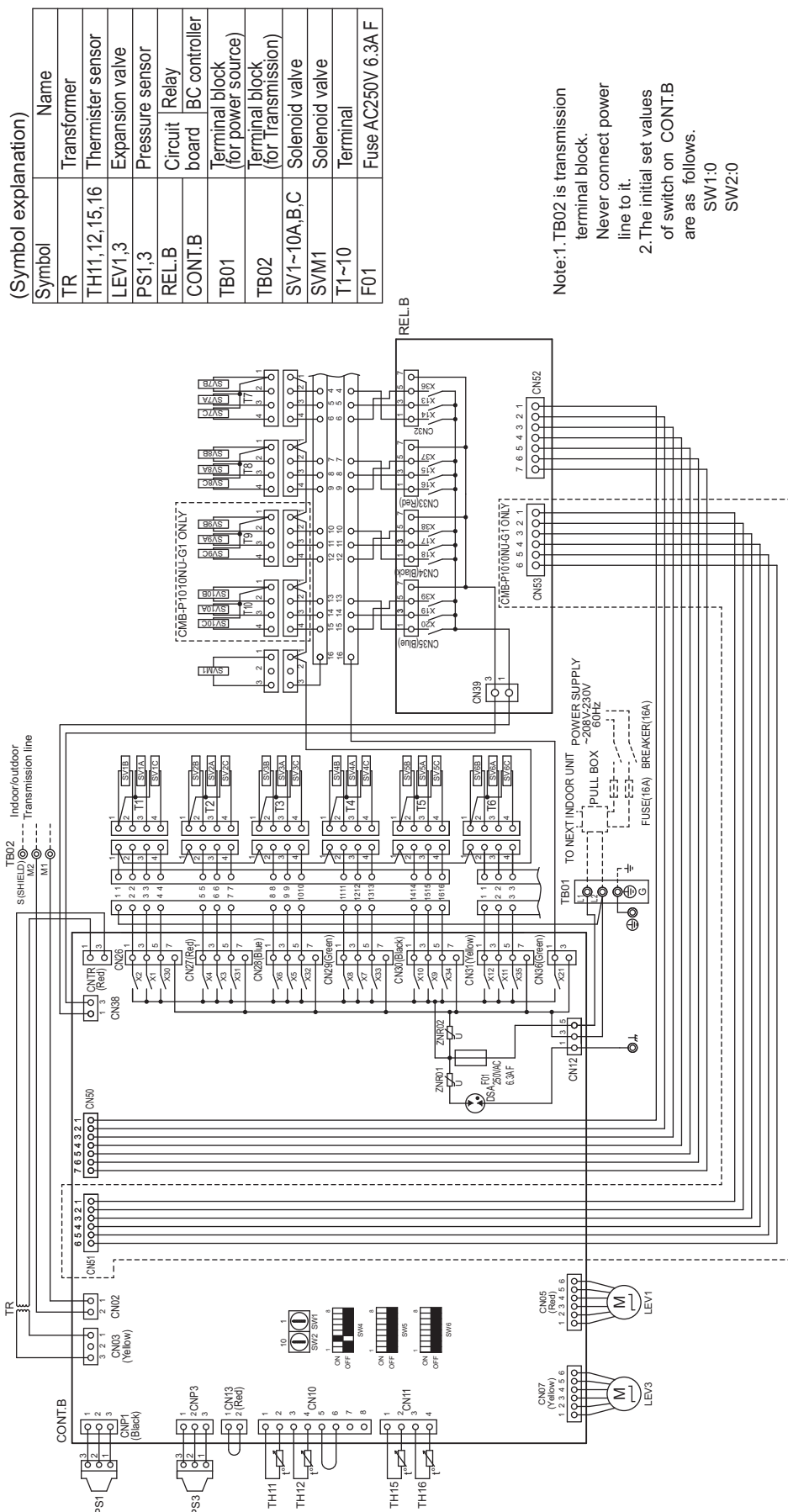
Symbol	Name
TR	Transformer
TH11,12,15,16	Thermister sensor
LEV1,3	Expansion valve
PS1,3	Pressure sensor
CONT.B	Circuit board
TB01	Terminal block (for power source)
TB02	Terminal block (for Transmission)
SV1~6A,B,C	Solenoid valve
SVM1	Solenoid valve
T1~6	Terminal
F01	Fuse AC250V 6.3A F

Note:1.TB02 is transmission terminal block.
Never connect power line to it.

2.The initial set values of switch on CONT.B are as follows.
SW1:0
SW2:0



CMB-P108, 1010NU-G1



(Symbol explanation)	
Symbol	Name
TR	Transformer
TH11,12,15,16	Thermister sensor
LEV1,3	Expansion valve
PS1,3	Pressure sensor
REL.B	Circuit Relay
CONT.B	BC controller
TB01	Terminal block (for power source)
TB02	Terminal block (for transmission)
SV1~10A,B,C	Solenoid valve
SVM1	Solenoid valve
T1~10	Terminal
F01	Fuse AC250V 6.3A F

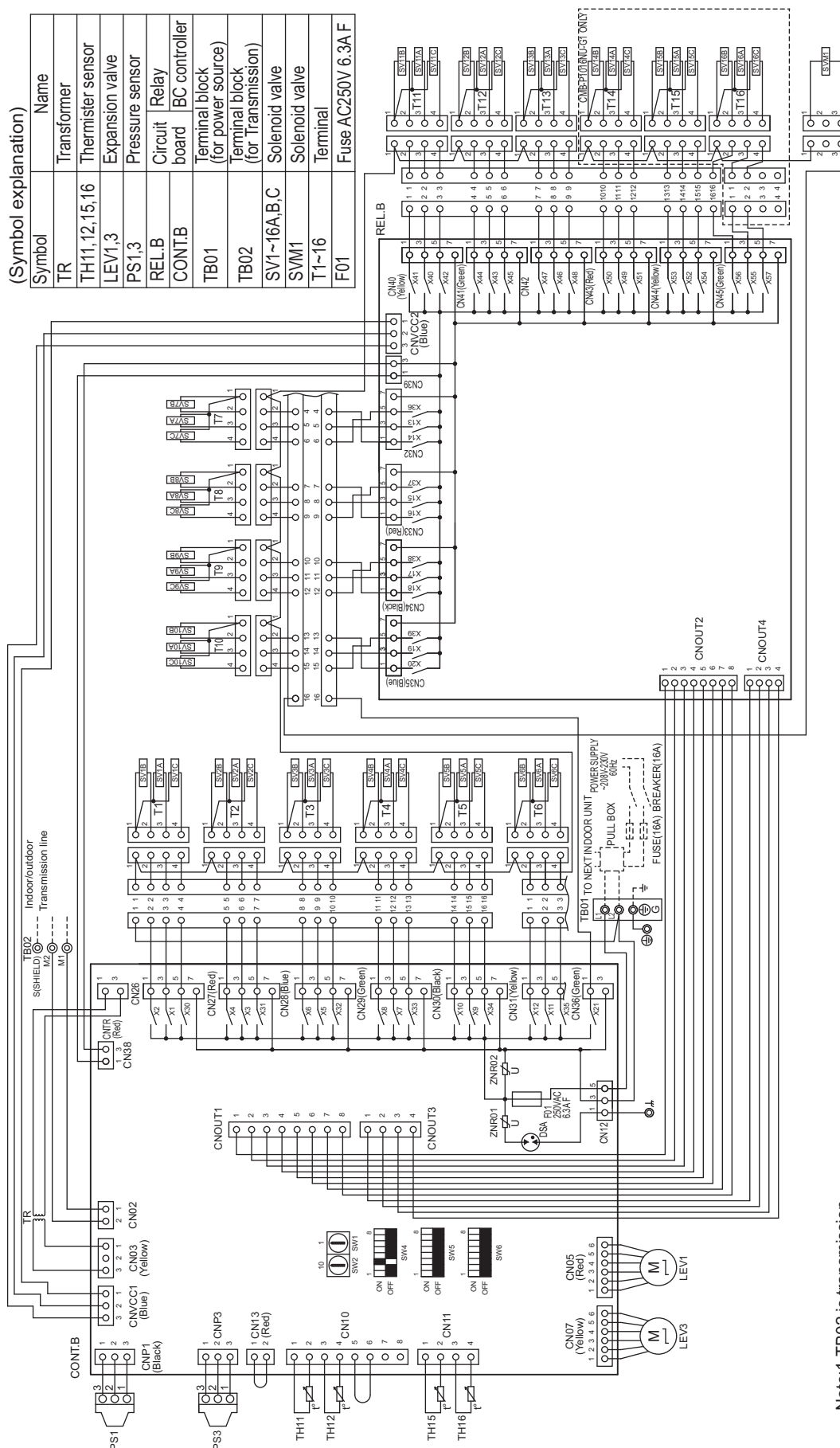
Note:1. TB02 is transmission terminal block.
Never connect power line to it.
2.The initial set values of switch on CONT.B are as follows.
SW1:0
SW2:0

BC

U11 2nd

(Symbol explanation)

Symbol	Name
TR	Transformer
TH11, 12, 15, 16	Thermister sensor
LEV1,3	Expansion valve
PS1,3	Pressure sensor
REL.B	Circuit Relay
CONTB	board BC controller
TB01	Terminal block (for power source)
TB02	Terminal block (for Transmission)
SV1~16A,B,C	Solenoid valve
SVM1	Solenoid valve
T1~16	Terminal
F01	Fuse AC250V 6.3A F



Note: 1. TB02 is transmission terminal block.
Never connect power line to it.

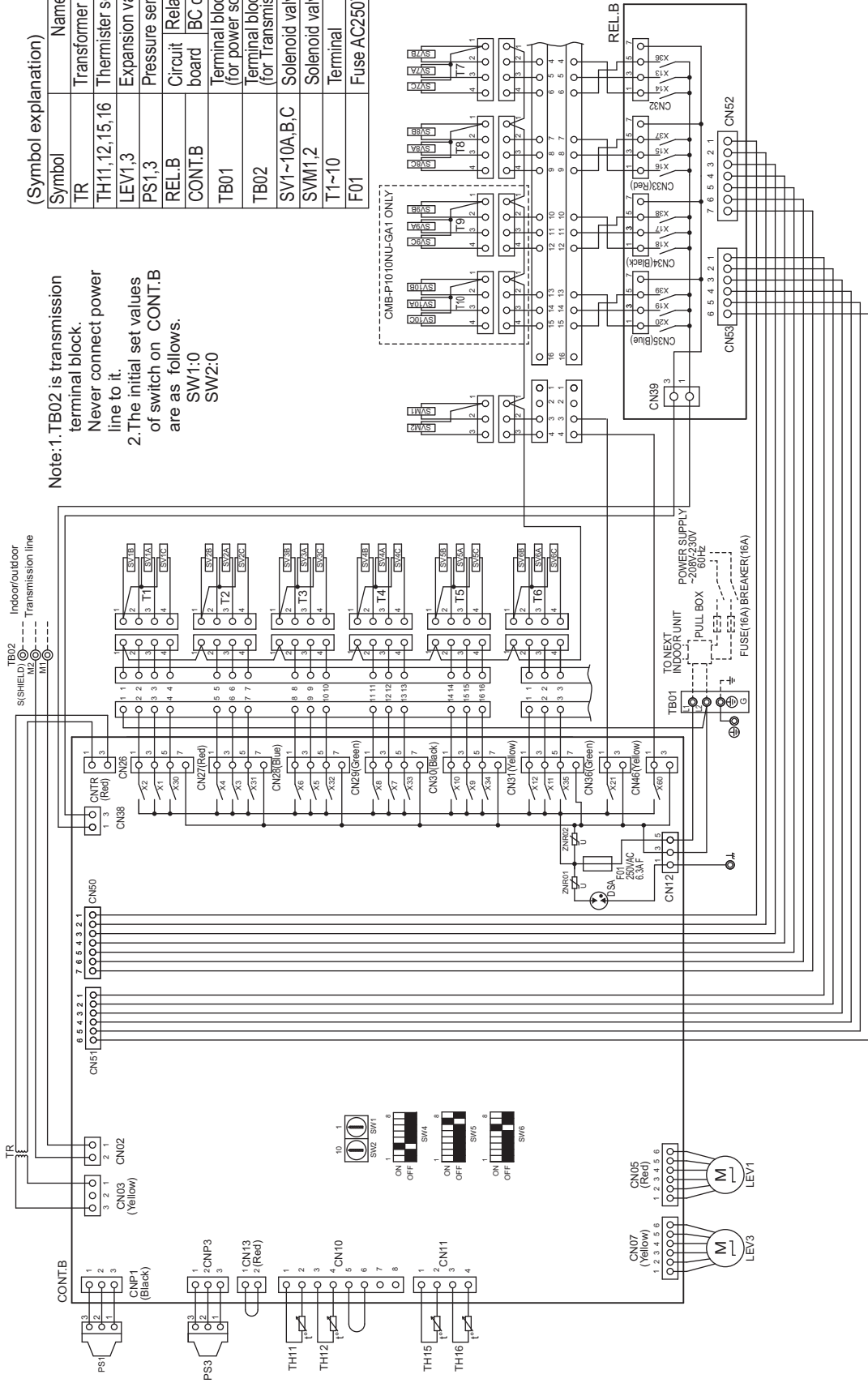
2. The initial set values of switch on CONT.B are as follows.

SW1:0
SW2:0

CMB-P108, 1010NU-GA1

(Symbol explanation)	
Symbol	Name
TR	Transformer
TH11,12,15,16	Thermister sensor
LEV1,3	Expansion valve
PS1,3	Pressure sensor
REL.B	Circuit Relay
CONT.B	board BC controller
TB01	Terminal block (for power source)
TB02	Terminal block (for Transmission)
SV1~10A,B,C	Solenoid valve
SVM1,2	Solenoid valve
T1~10	Terminal
F01	Fuse AC250V 6.3A F

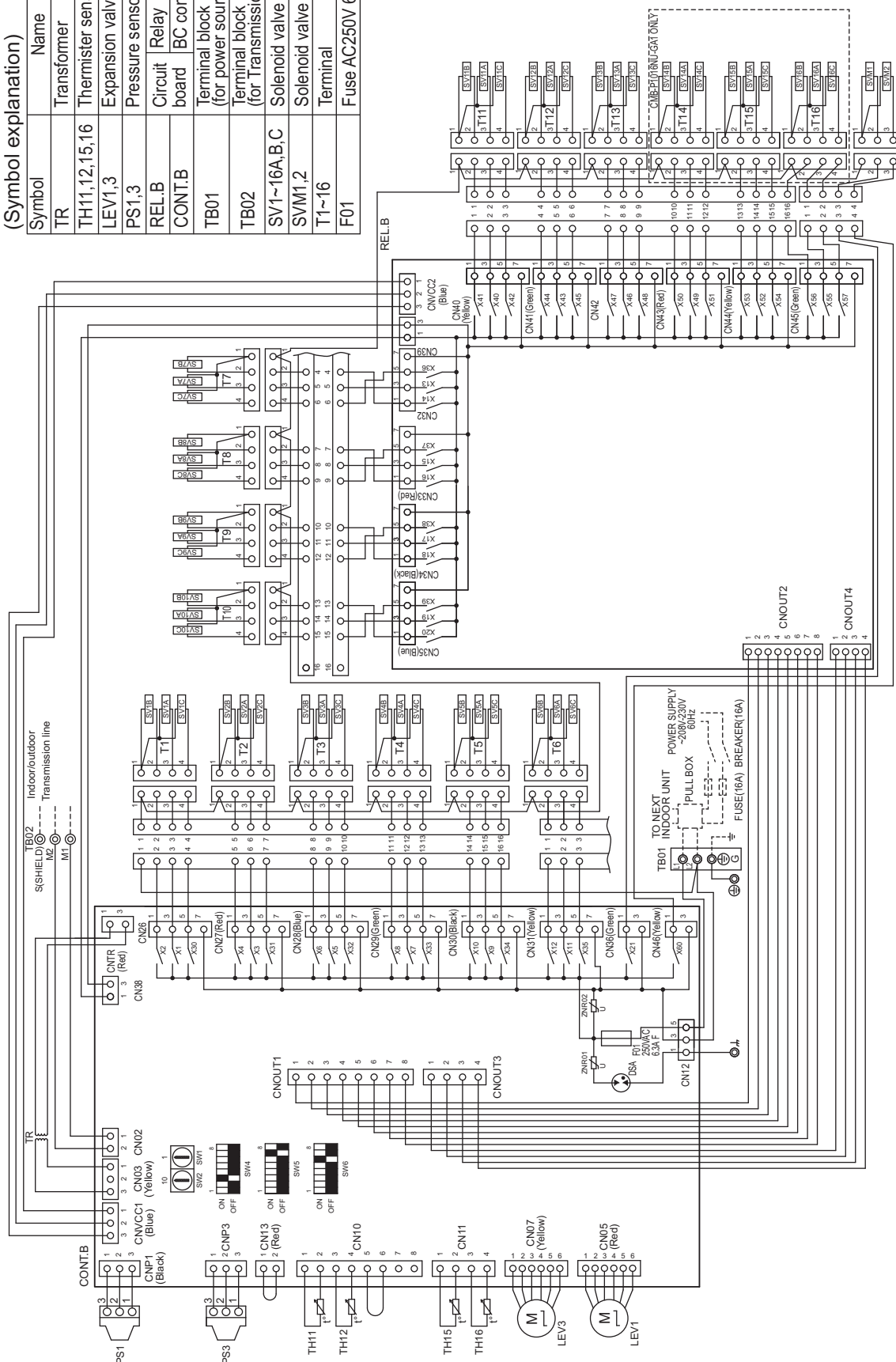
Note:1. TB02 is transmission terminal block.
Never connect power line to it.
2.The initial set values of switch on CONT.B are as follows.
SW1:0
SW2:0



U11 2nd

(Symbol explanation)

Symbol	Name
TR	Transformer
TH11,12,15,16	Thermister sensor
LEV1,3	Expansion valve
PS1,3	Pressure sensor
REL.B	Circuit board
CONT.B	Relay
TB01	Terminal block (for power source)
TB02	Terminal block (for Transmission)
SV1~16A,B,C	Solenoid valve
SVM1,2	Solenoid valve
T1~16	Terminal
F01	Fuse AC250V 6.3A F

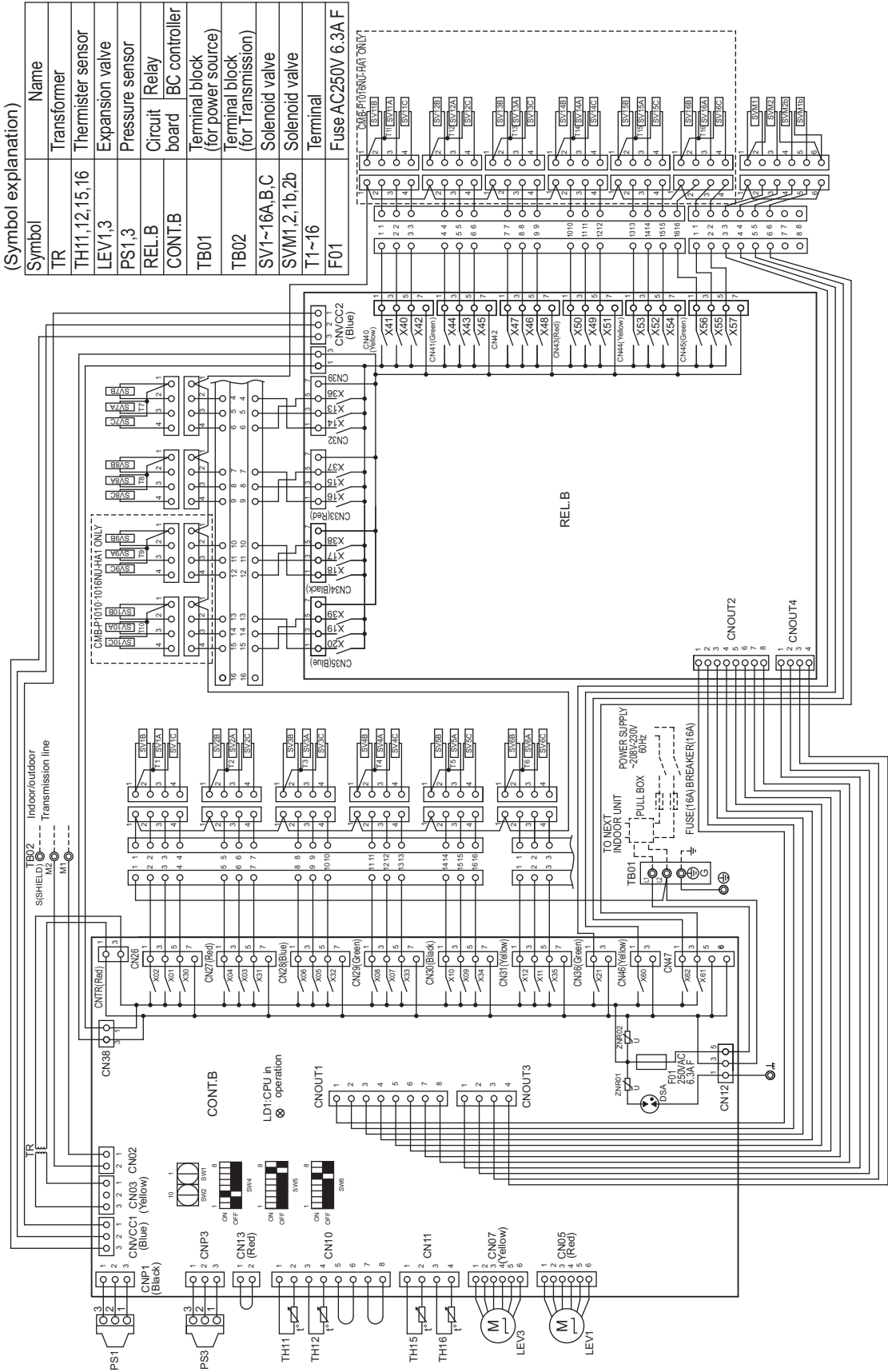


Note:1.TB02 is transmission terminal block.Never connect power line to it.

2.The initial set values of switch on CONT:B are as follows.

SW1:0
SW2:0

CMB-P108, 1010, 1016NU-HA1

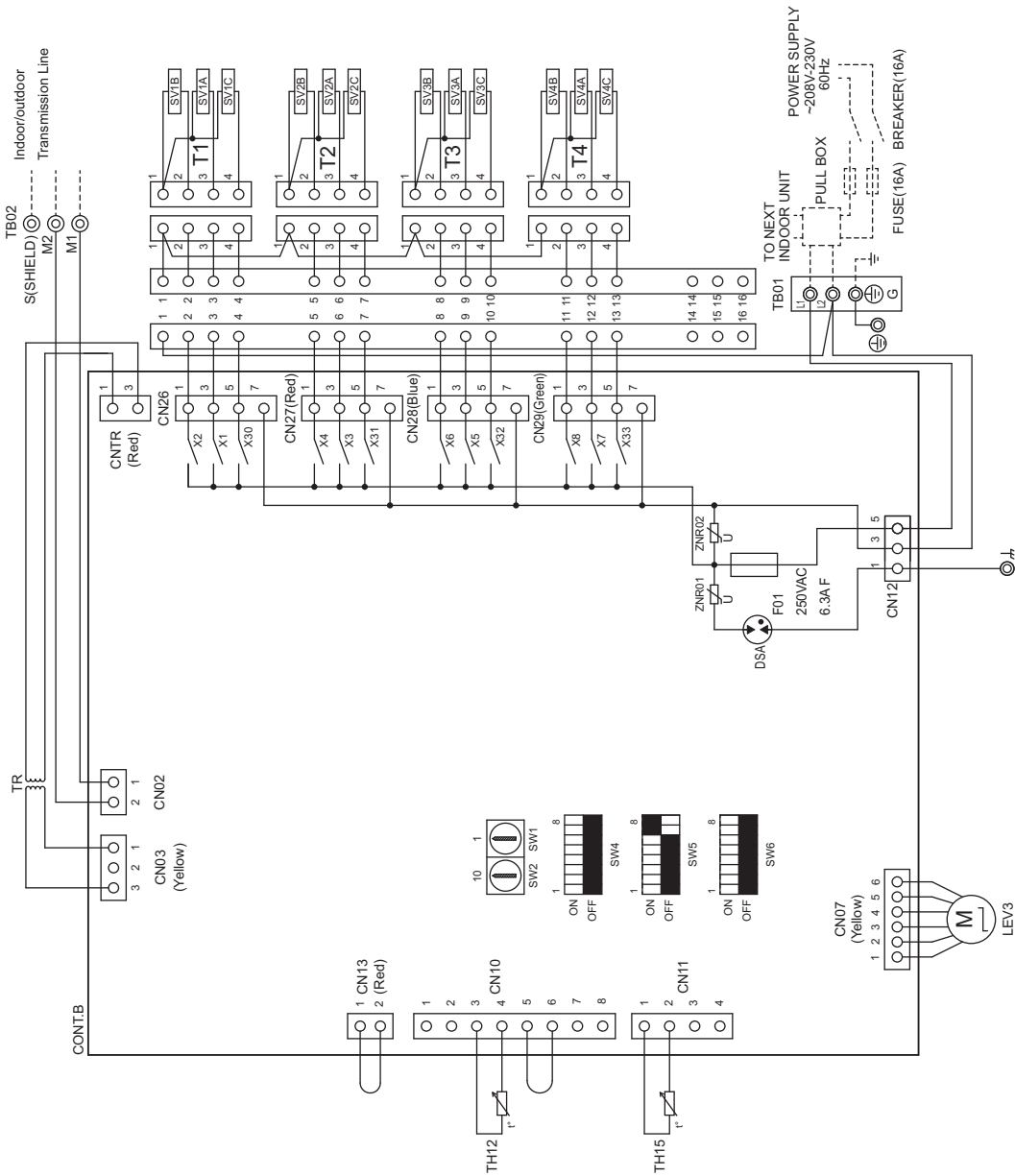


CMB-P104NU-GB1

(Symbol explanation)

Symbol	Name
TR	Transformer
TH12, 15	Thermister sensor
LEV3	Expansion valve
CONT.B	Circuit board
TB01	Terminal block (for power source)
TB02	Terminal block (for Transmission)
SV1~4A,B,C	Solenoid valve
T1~4	Terminal
F01	Fuse AC250V 6.3A F

Note: 1. TB02 is transmission terminal block.
Never connect power line to it.
2. The initial set values of switch on CONT.B are as follows.
SW1: 0
SW2: 0

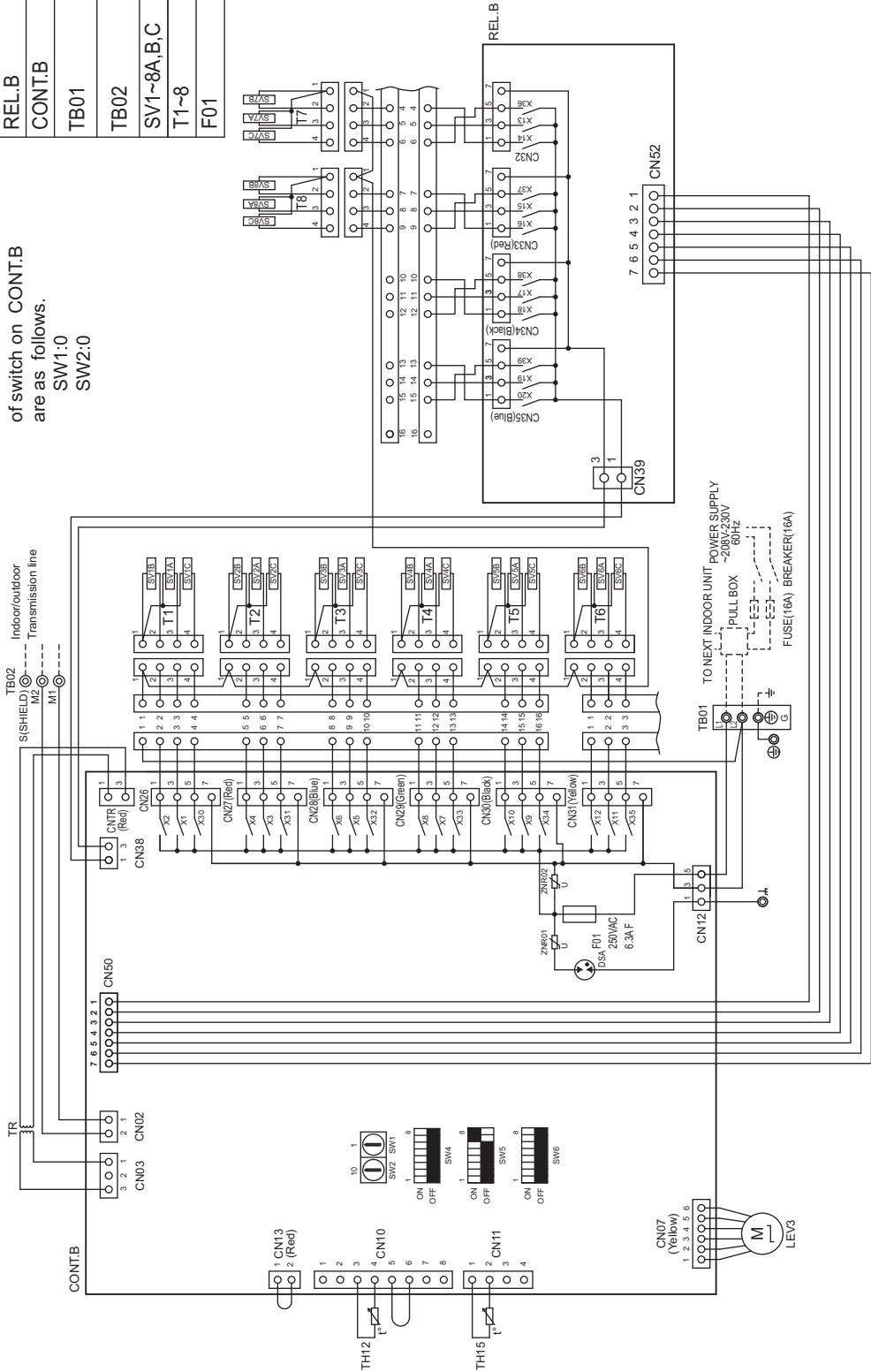


CMB-P108NU-GB1

(Symbol explanation)

Symbol	Name
TR	Transformer
TH12,15	Thermister sensor
LEV3	Expansion valve
REL.B	Circuit board
CONT.B	Relay
TB01	BC controller
TB02	Terminal block (for power source)
SV1~8A,B,C	Terminal block (for Transmission)
T1~8	Solenoid valve
F01	Terminal
	Fuse AC250V 6.3A F

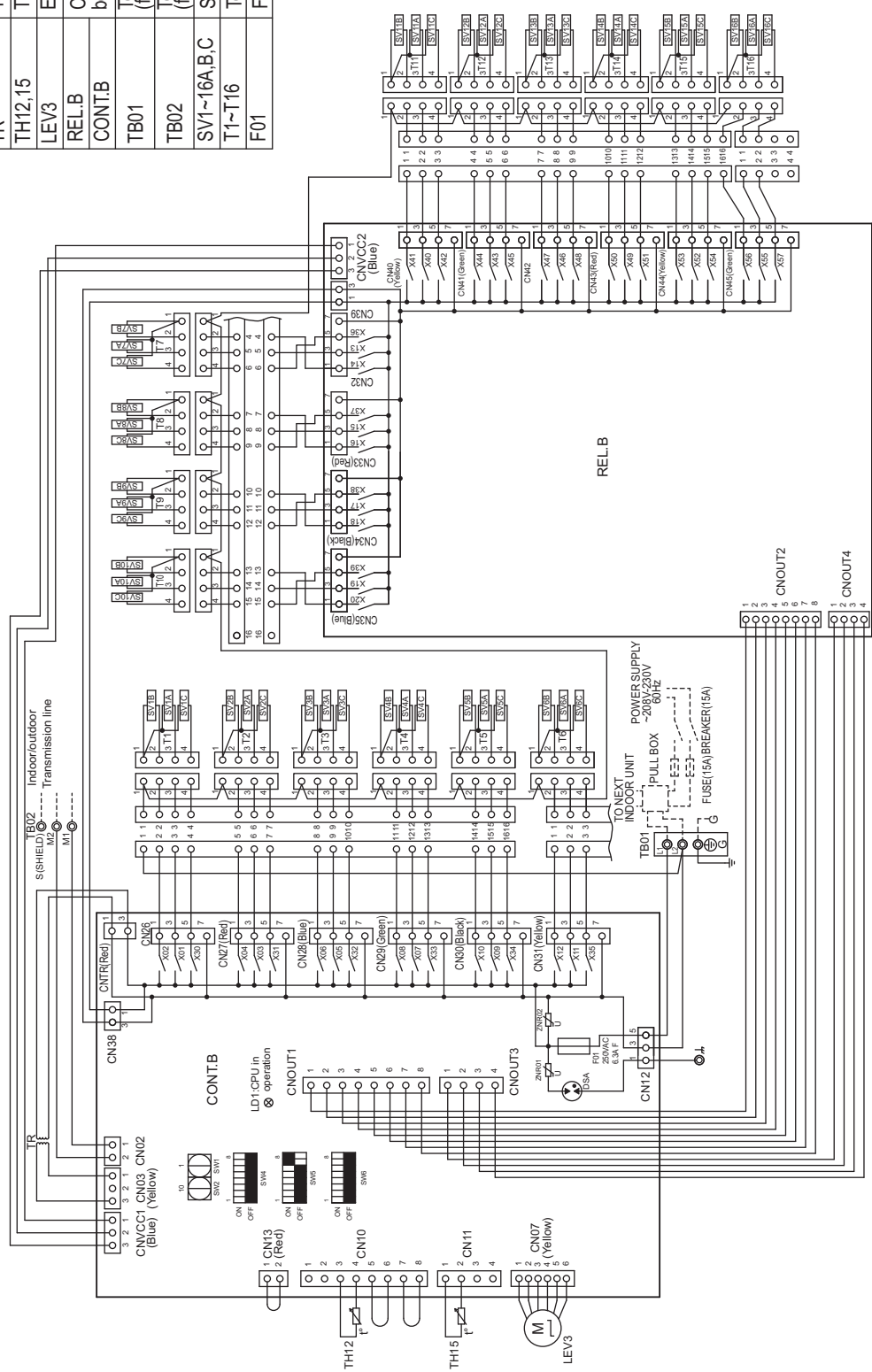
Note:1.TB02 is transmission terminal block.
Never connect power line to it.
2.The initial set values of switch on CONT.B are as follows.
SW1:0
SW2:0



CMB-P1016NU-HB1

(Symbol explanation)

Symbol	Name
TR	Transformer
TH12,15	Thermister sensor
LEV3	Expansion valve
REL.B	Circuit Relay
CONT.B	board BC controller
TB01	Terminal block (for power source)
TB02	Terminal block (for Transmission)
SV1~16A,B,C	Solenoid valve
T1~T16	Terminal
F01	Fuse AC250V 6.3A F



Note:1.TB02 is transmission terminal block.Never connect power line to it.
2.The initial set values of switch on CONT.B are as follows.
SW1:0
SW2:0