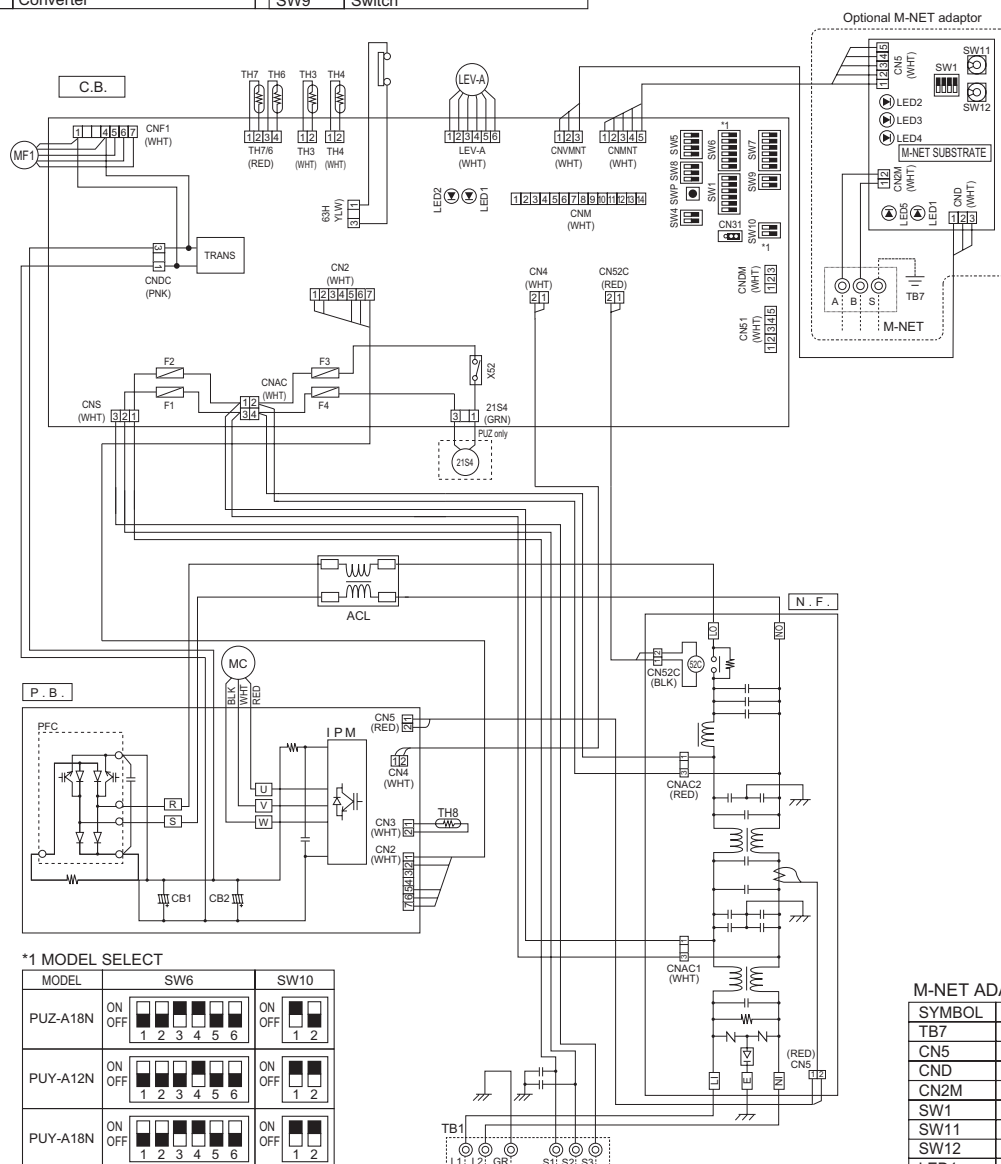


PUZ-A18NHA PUZ-A18NHA-BS PUY-A12/18NHA PUY-A12/18NHA₁ PUY-A12/18NHA₁-BS

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block<Power Supply, Indoor/Outdoor>	IPM	Power module	SW10	Switch<Model Select>
MC	Motor for Compressor	CB1~CB2	Main Smoothing Capacitor	LED1, LED2	Light Emitting Diodes<Operation Inspection Indicators>
MF1	Fan Motor	N.F.	Noise Filter Circuit Board	F1~4	Fuse<6.3 A>
21S4	Solenoid Valve (Four-Way Valve)	LI/LO	Connection Terminal<L1-Phase>	SWP	Switch<Pump Down>
63H	High Pressure Switch	NI/NO	Connection Terminal<L2-Phase>	CN31	Connector<Emergency Operation>
TH3	Thermistor<Outdoor Pipe>	E	Connection Terminal<Ground>	CNM	Connector<A-Control Service Inspection Kit>
TH4	Thermistor<Discharge>	52C	52C Relay	CNMNT	Connector<Connected to Optional M-NET Adapter Board>
TH6	Thermistor<Outdoor 2-Phase Pipe>	C.B.	Controller Circuit Board	CNVMT	Connector<Connected to Optional M-NET Adapter Board>
TH7	Thermistor<Outdoor>	SW1	Switch<Forced defrost, Defect history record reset, Refrigerant address>	CNDM	Connector<Connected for Option (Contact Input)>
TH8	Thermistor<Heat Sink>	SW4	Switch<Test Operation>	X52	Relay
LEV-A	Electronic Expansion Valve	SW5	Switch<Function Switch>		
ACL	Reactor	SW6	Switch<Model Select>		
P.B.	Power Circuit Board	SW7	Switch<Function Setup>		
R/S	Connection Terminal<L1/L2-Phase>	SW8	Switch		
U/V/W	Connection Terminal<U/V/W-Phase>	SW9	Switch		
PFC	Converter				



*1 MODEL SELECT

MODEL	SW6	SW10
PUZ-A18N	ON OFF 1 2 3 4 5 6	ON OFF 1 2
PUY-A12N	ON OFF 1 2 3 4 5 6	ON OFF 1 2
PUY-A18N	ON OFF 1 2 3 4 5 6	ON OFF 1 2

Symbols used in wiring diagram above are,
 □ : Connector, ⊙ : Terminal(block).

NO FUSE BREAKER
 POWER SUPPLY
 208/230V 60Hz

*Use copper supply wire.

M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block<M-net connection>
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>
SW1	Switch<Status of communication>
SW11	Switch<Address setting : 1st digit>
SW12	Switch<Address setting : 2nd digit>
LED1	LED<Power Supply : DC5V>
LED2	LED<Connection to Outdoor Unit>
LED3	LED<Transmission : Sending>
LED4	LED<Transmission : Receiving>
LED5	LED<Power Supply : DC12V>

Cautions when Servicing

⚠ WARNING: When the main supply is turned off, the voltage [340 V] in the main capacitor will drop to 20 V in approx. 2 minutes (input voltage: 230 V). When servicing, make sure that LED1 (green) on the outdoor circuit board goes out, and then wait for at least 1 minute.
 Components other than the outdoor board may be faulty: Check and take corrective action.
 Do not replace the outdoor board without checking.