
**SCHEMI ELETTRICI
UP - COMANDO REMOTO**

**UP - REMOTE CONTROL
WIRING DIAGRAMS**

**SCHÉMAS ELECTRIQUES
UP - COMMANDE À DISTANCE**

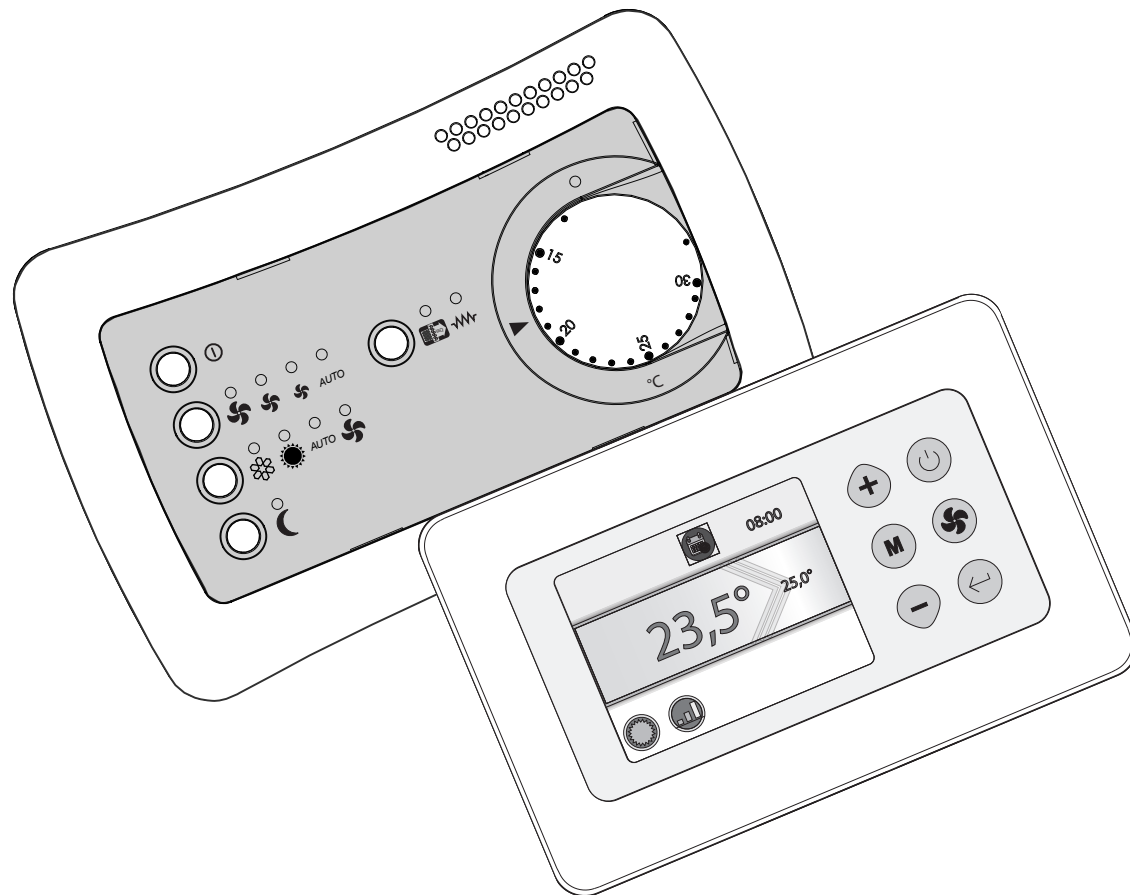
**ELEKTROPLÄNE
UP - FERNSTEUERUNG**

**ESQUEMAS ELÉCTRICOS
UP - MANDO A DISTANCIA**

**ЭЛЕКТРОСХЕМ UP - дистанционного
управления**

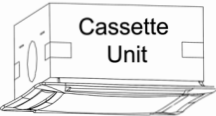
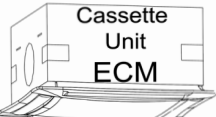
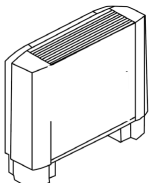
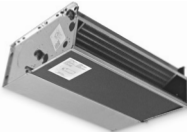


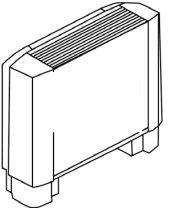
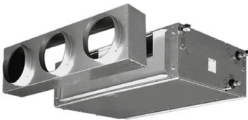
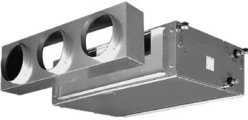
01/2024
Cod. 4050963B



(Questo documento integra il manuale di uso, installazione e manutenzione cod. 4050963A / 4050329 / 4050334)

(This document supplements the operating manual, installation and maintenance code 4050963A / 4050329 / 4050334)

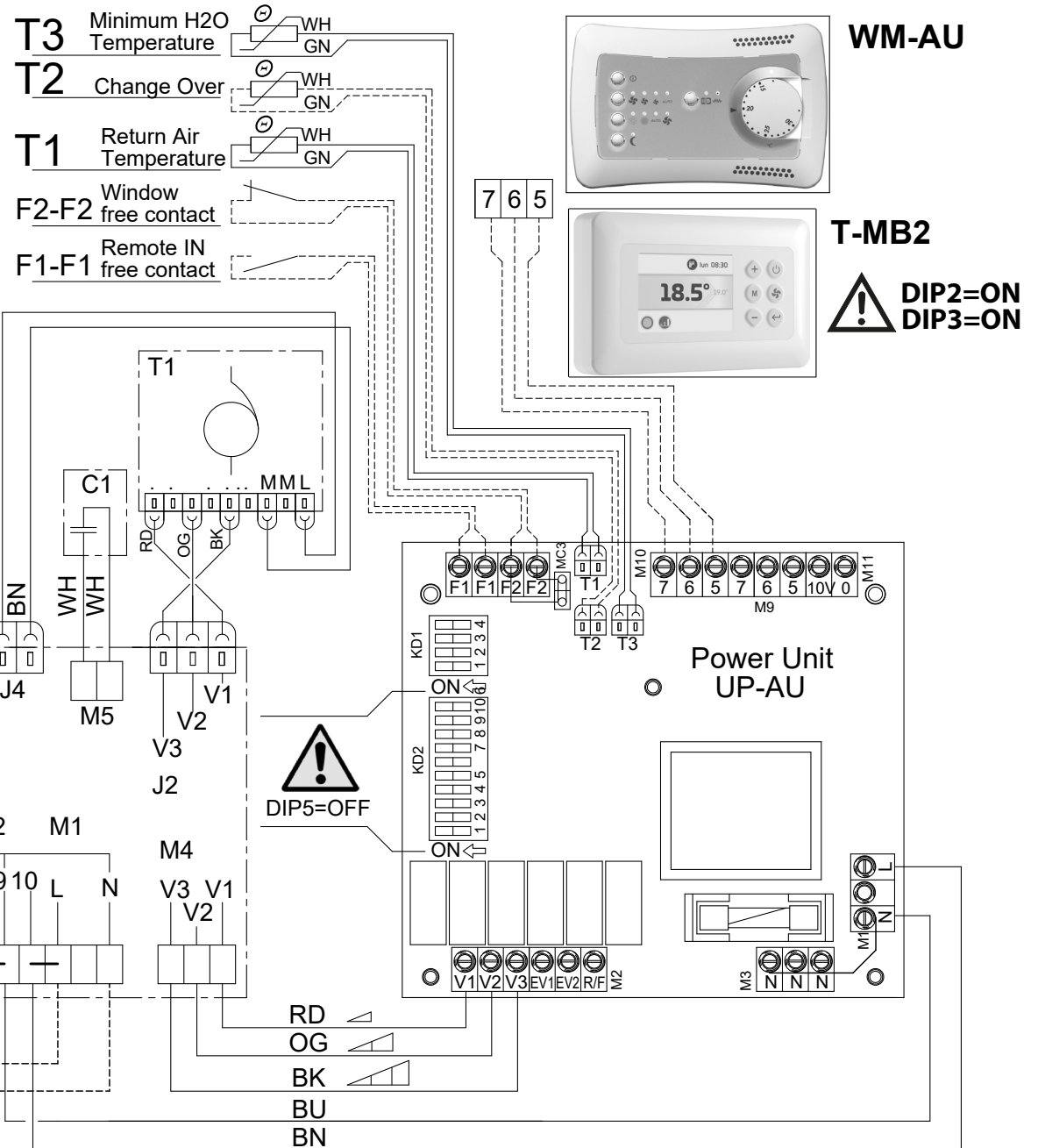
UNIT CONFIGURATION											
			MOTOR		VALVE/S		PUMP	EL.HEATER	EL. FILTER	UVC	
	UNIT TYPE	WIRING ID	AC	EC		 					
	Cassette AC 0-6	SE-0476	✓				✓				
		SE-0477	✓		✓		✓				
		SE-0478	✓				✓	✓			
		SE-0479	✓				✓		✓		
					✓		✓		✓		
	Cassette ECM 0-6	SE-0389-01		✓			✓				
		SE-0389-02		✓	✓		✓				
		SE-0389-03		✓		✓	✓				
		SE-0390-01		✓			✓	✓			
		SE-0390-02		✓	✓		✓	✓			
	Cassette ECM 7-8	SE-0689		✓	✓	✓	✓				
		SE-0690		✓	✓		✓	✓			
 Fan Coil AC 	Fan Coil AC	SE-0483	✓								
		SE-0484	✓			✓		✓			
					✓	✓	✓				
		SE-0485	✓			✓	✓				
		SE-0486	✓			✓	✓	✓			
		SE-0487	✓			✓	✓		✓		
		SE-0488	✓			✓	✓	✓	✓		

UNIT CONFIGURATION										
			MOTOR		VALVE/S		PUMP	EL.HEATER	EL. FILTER	UVC
	UNIT TYPE	WIRING ID	AC	EC		 				
 Fan Coil ECM 	Fan Coil ECM	SE-0489		✓	✓	✓				
		SE-0490		✓	✓	✓		✓		
		SE-0491		✓	✓	✓	✓			
		SE-0492		✓	✓	✓	✓	✓		
		SE-0493		✓	✓	✓			✓	
		SE-0494		✓	✓	✓	✓		✓	
	DUCTED FAN COIL AC 1 - 2	SE-0691-01	✓		✓	✓				
		SE-0691-02	✓			✓		✓		
	DUCTED FAN COIL AC 3 ÷ 7	SE-0692-01	✓		✓					
		SE-0692-02	✓			✓				
		SE-0692-03	✓			✓		✓		
 	DUCTED FAN COIL ECM	SE-0691-03		✓	✓	✓				
	MODULAR DUCTED UNITS ECM	SE-0691-04		✓✓		✓		✓		

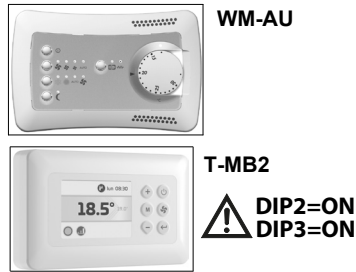
LEGENDA	LEGEND	LÉGENDE	LEGENDE	LEYENDA	ЛЕГЕНДА
SEC 1 = Scheda Cassette SEP = Scheda gestione pompa BLAC = Scheda elettronica Inverter M = Motoventilatore E = Valvola acqua (IMPIANTO A 2 TUBI) E1 = Valvola acqua CALDA o resistenza elettrica E2 = Valvola acqua FREDDA  = Estate - aria fredda  = Inverno - aria calda T1 = Sonda aria T2 = Sonda temperatura acqua/ CHANGE-OVER T3 = Sonda di minima T3 Q1 = Sezionatore con un polo protetto da fusibile (raccomandato) EH = Resistenza elettrica IAQ = Filtro elettronico M9/MP = Pompa di evacuazione condensa TS1 = Termostato di sicurezza a riarmo automatico TS2 = Termostato di sicurezza a riarmo manuale X1/X2/FCT = Morsettiera unità GNYE = Giallo/Verde RD = Rosso = Minima OG = Arancio = Media BK = Nero = Massima BN = Marrone BU = Blu	SEC 1 = Cassette electronic board SEP = Pump control board BLAC = Inverter circuit board M = Fan E = Water valve (two tube unit) E1 = Hot water valve or electrical heater E2 = Cold water valve  = Summer - cold air  = Winter - warm air T1 = Air probe T2 = water temperature probe/ CHANGE-OVER T3 = T3 low temperature (cut-out thermostat) Q1 = Circuit breakers with one pole protected by fuse (recommended) EH = Electrical heater IAQ = Electronic filter M9/MP = Condensate pump TS1 = Self reset safety thermostat TS2 = Manual reset safety thermostat X1/X2/FCT = Unit terminal board GNYE = Yellow/Green RD = Red = Low OG = Orange = Medium BK = Black = High BN = Brown BU = Dark blue	SEC 1 = Bornier Cassette SEP = Carte gestion pompe BLAC = Carte électronique de contrôle M = Motoventilateur E = Vanne à eau (installation à 2 tubes) E1 = Vanne eau chaude ou résistance électrique E2 = Vanne eau froide  = Été - air froid  = Hiver - air chaud T1 = Sonde air T2 = Sonde de temperature de l'eau / CHANGE-OVER T3 = Sonde de température minimum T3 Q1 = Interrupteur avec une pôle protégé par fusible (recommandé) EH = Résistance électrique IAQ = Filtre électronique M9/MP = Pompe d'évacuation des condensats TS1 = Thermostat à réarmement automatique TS2 = Thermostat à réarmement manuel X1/X2/FCT = Bornier unité GNYE = Jaune/Vert RD = Rouge = Mini OG = Orange = Moyenne BK = Noir = Maxi BN = Marron BU = Bleu foncé	SEC 1 = Platine Kassetten SEP = Karte für Pumpenverwaltung BLAC = Elektronikarte Inverter M = Motorventilator E = Wasserventil (Anlage mit zwei Rohren) E1 = Warmwasserventil oder Elektrischer Widerstand E2 = Kaltwasserventil  = Sommer - kalte Luft  = Winter - warme Luft T1 = Lufttemperaturfühler T2 = Wassertemperaturfühler / CHANGE-OVER T3 = Mindesttemperatur-sonde T3 Q1 = Hauptschalter (empfohlen) EH = Elektrischer Widerstand IAQ = Elektronsche Filter M9/MP = Kondensatpumpe TS1 = Thermostat mit automatischem Reset TS2 = Thermostat mit manuellem Reset X1/X2/FCT = Klemmenbrett Einheit GNYE = Gelb/Groen RD = Rot = Min OG = Orange = Med BK = Schwarz = Max BN = Braun BU = Blau	SEC 1 = Tarjeta Cassette del ventiloconvector SEP = Tarjeta gestión bomba M = Motoventilador E = Válvula agua (sistema de climatización a 2 tubos) E1 = Válvula agua caliente o resistencia eléctrica E2 = Válvula agua fría  = Verano - aire frío  = Invierno - aire caliente T1 = Sonda aire T2 = Sonda de temperatura del agua / CHANGE-OVER T3 = Sonda T3 de mínima Q1 = Interruptor de maniobra seccionador de una polo protección con fusible (recomendado) EH = Resistencia eléctrica IAQ = Filtre electrónico M9/MP = Bomba de evacuación de condensados TS1 = Termostato de rearme automático TS2 = Termostato de rearme manual X1/X2/FCT = Borna de conexión GNYE = Amarillo/Verde RD = Rojo = Mínima OG = Naranja = Media BK = Negro = Máxima BN = Marrón BU = Azul	SEC 1 = электронная плата SEP = Насос управления Электронная карта BLAC = Электронный инвертор карты M = Мотовентилятор E = Водяной клапан (УСТАНОВКА С 2 ТРУБАМИ) E1 = Клапан ГОРЯЧЕЙ воды или электрического нагревательного элемента E2 = Клапан ХОЛОДНОЙ воды  = Лето - холодный воздух  = Зима - горячий воздух T1 = зонд воздуха T2 = Температурный зонд воды / Смена сезона внешним устройством T3 = Зонд минимальной температуры T3 Q1 = Отсекающий выключатель с полюсом, защищённым плавким предохранителем (рекомендуется) EH = Электрический нагревательный элемент IAQ = Электрический фильтр M9/MP = Насос для вывода конденсата TS1 = Предохранительный термостат с автоматической перезарядкой TS2 = Предохранительный термостат с ручной перезарядкой X1/X2/FCT = Клеммными единица GNYE = Жёлтый/Зелёный RD = Красный = Минимальная OG = Оранжевый = Средняя BK = Чёрный = Максимальная BN = Коричневый BU = Синий

A • Impianto senza valvole • Термостатизация суд моторе	A • Without valves installation • Thermostatic control on the fan	A • Installation sans vannes • Thermostat sur le ventilateur	A • Ohne ventile-System • Temperaturregelung am Ventilator	A • Instalación sin válvulas • Termostatación sobre el ventilador	A • Установка без клапанов • Термостатическое устройство на двигателе
B • Impianto 2 tubi (1 valvola) • Термостатизация судла валвола	B • 2-tube installation (1 valve) • Thermostatic control on the valve	B • Installation à 2 tubes (1 vanne) • Thermostatisation sur le vanne	B • 2-Leiter-System (1 Ventil) • Temperaturregelung der Ventil	B • Instalación con 2 tubos (1 válvula) • Termostatación sobre la válvula	B • Установка с 2 трубами (1 клапан) • Термостатическое устройство на клапане
C • Impianto 4 tubi (2 valvole) • Термостатизация судле валволе	C • 4-tube installation (2 valves) • Thermostatic control on the valves	C • Installation à 4 tubes (2 vannes) • Thermostatisation sur les vannes	C • 4-Leiter-System (2 Ventilen) • Temperaturregelung der Ventile	C • Instalación con 4 tubos (2 válvulas) • Termostatación sobre las válvulas	C • Установка с 4 трубами (2 клапана) • Термостатическое устройство на клапанах

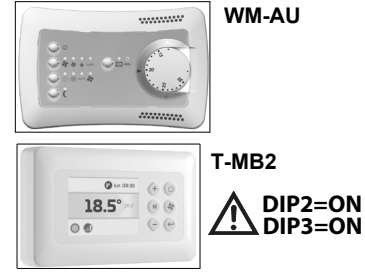
A



B

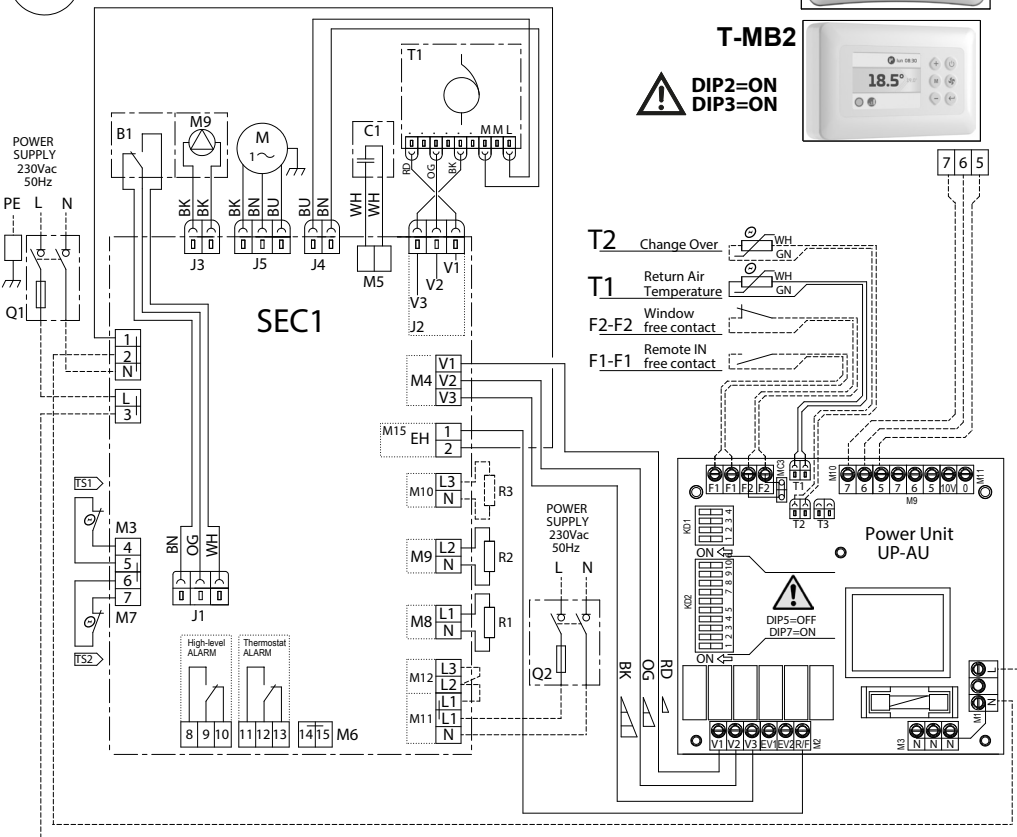


C

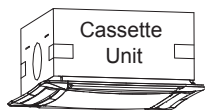
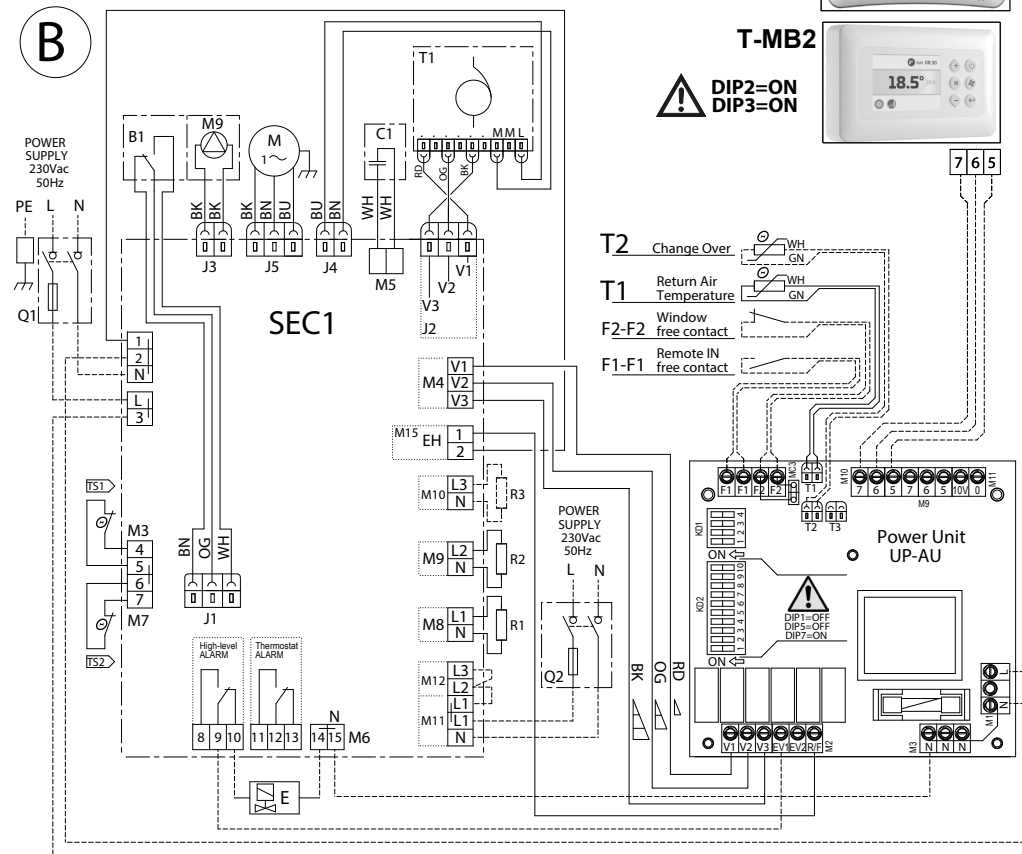


SE-0477

A

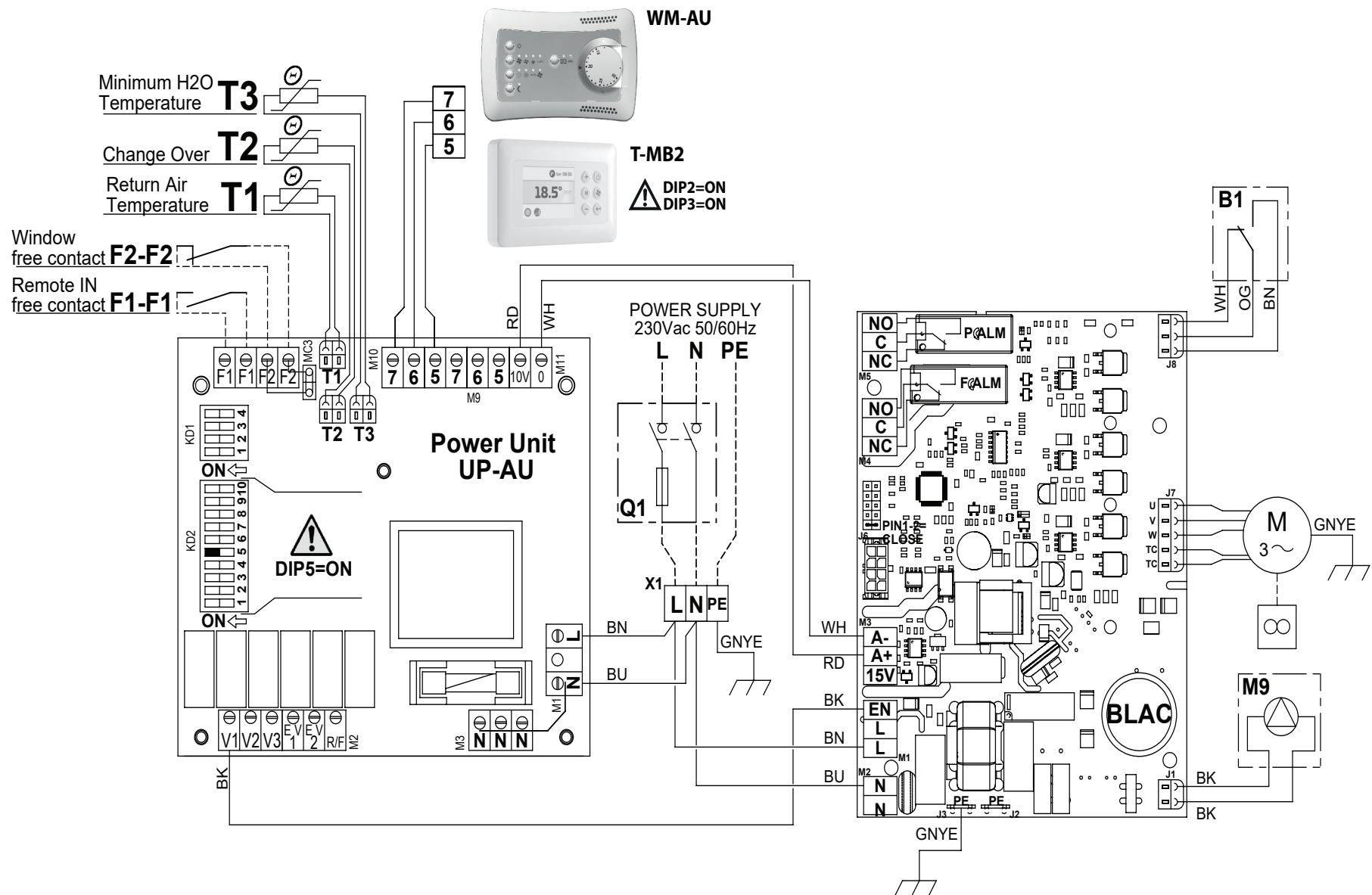


B



SE-0478

A



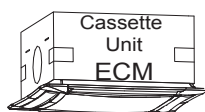
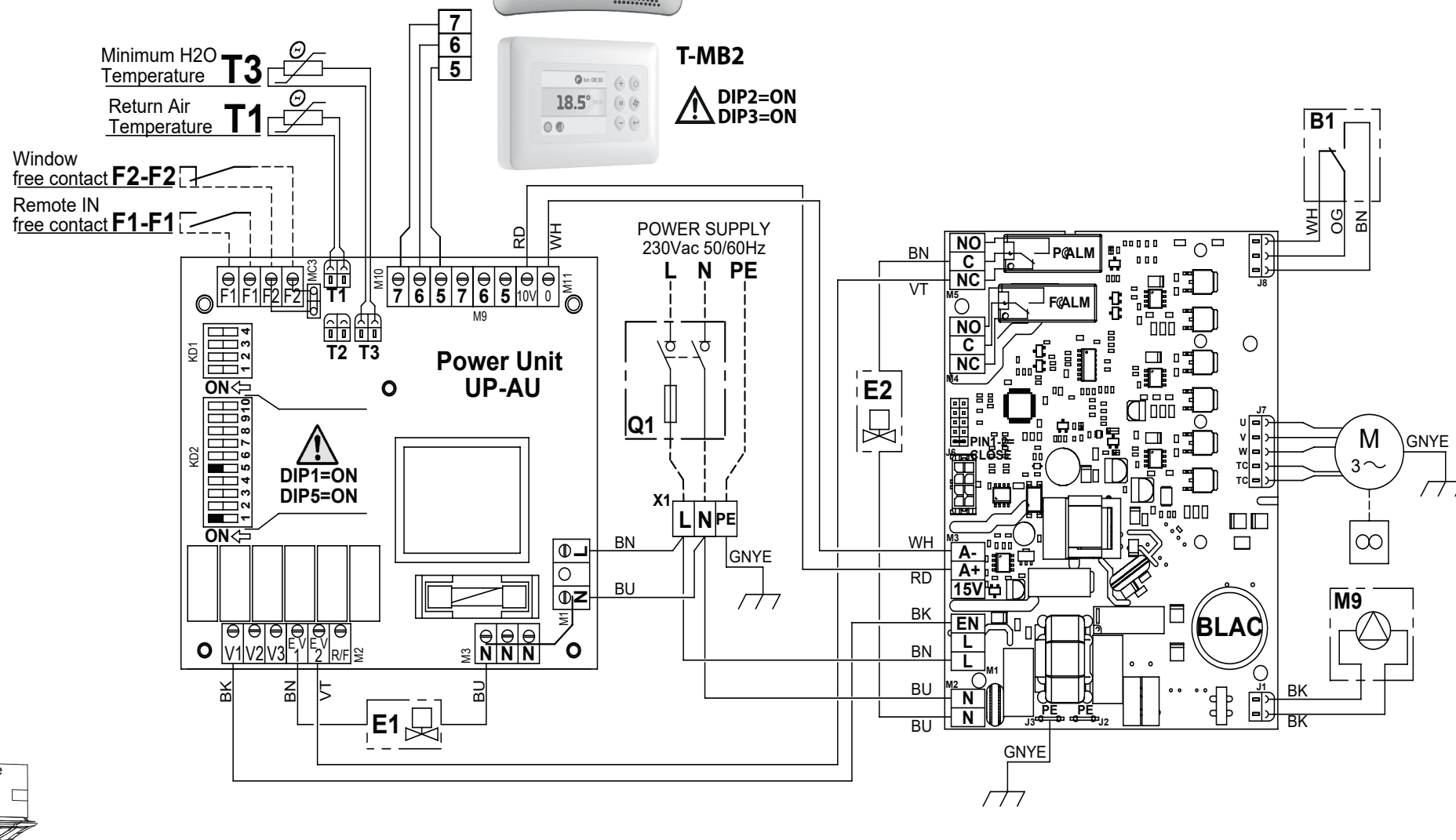
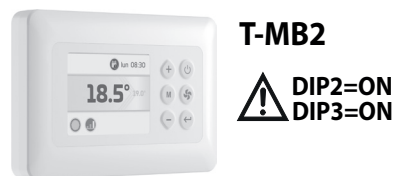
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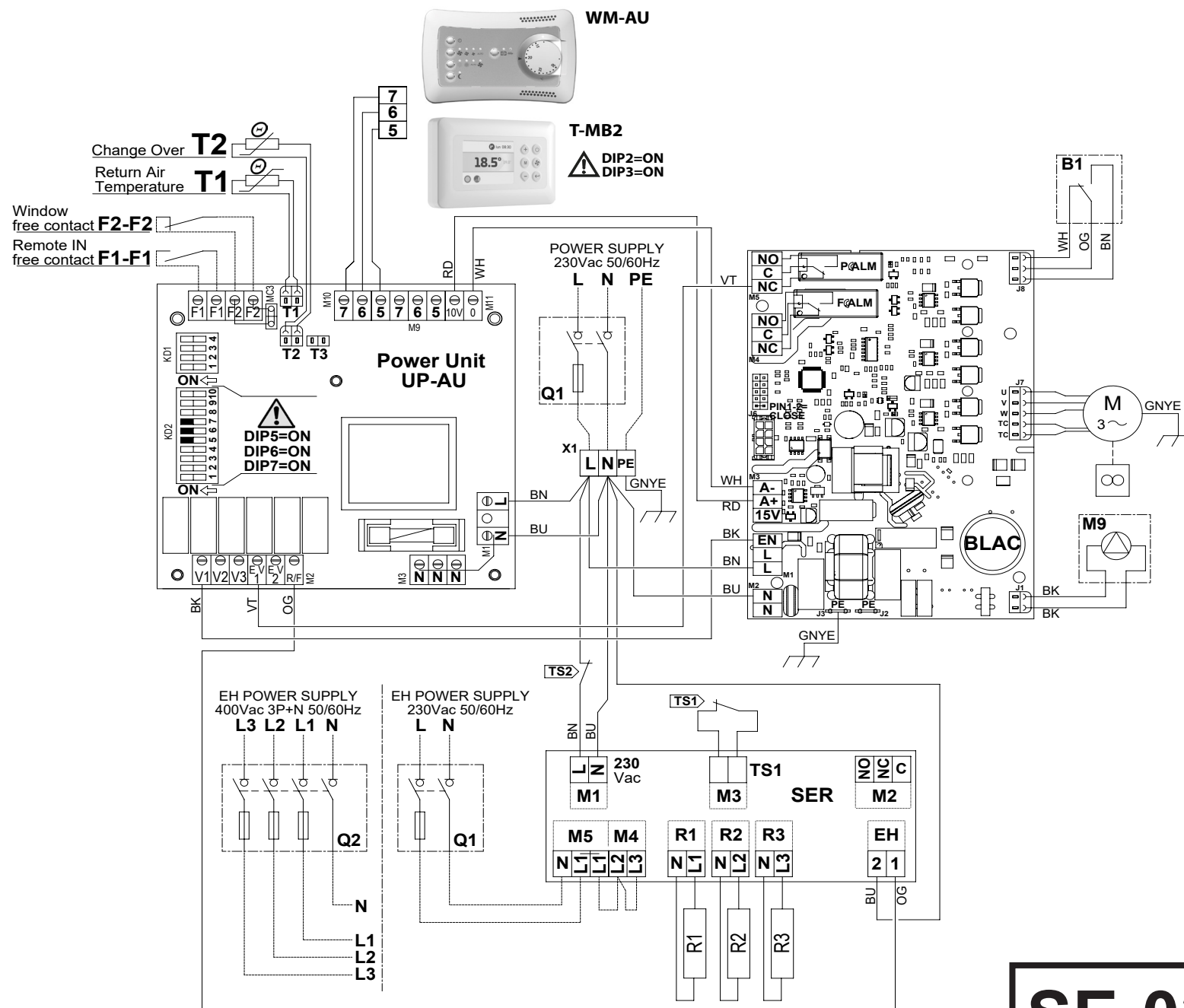
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©

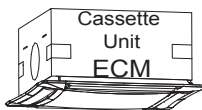


SE-0389-03

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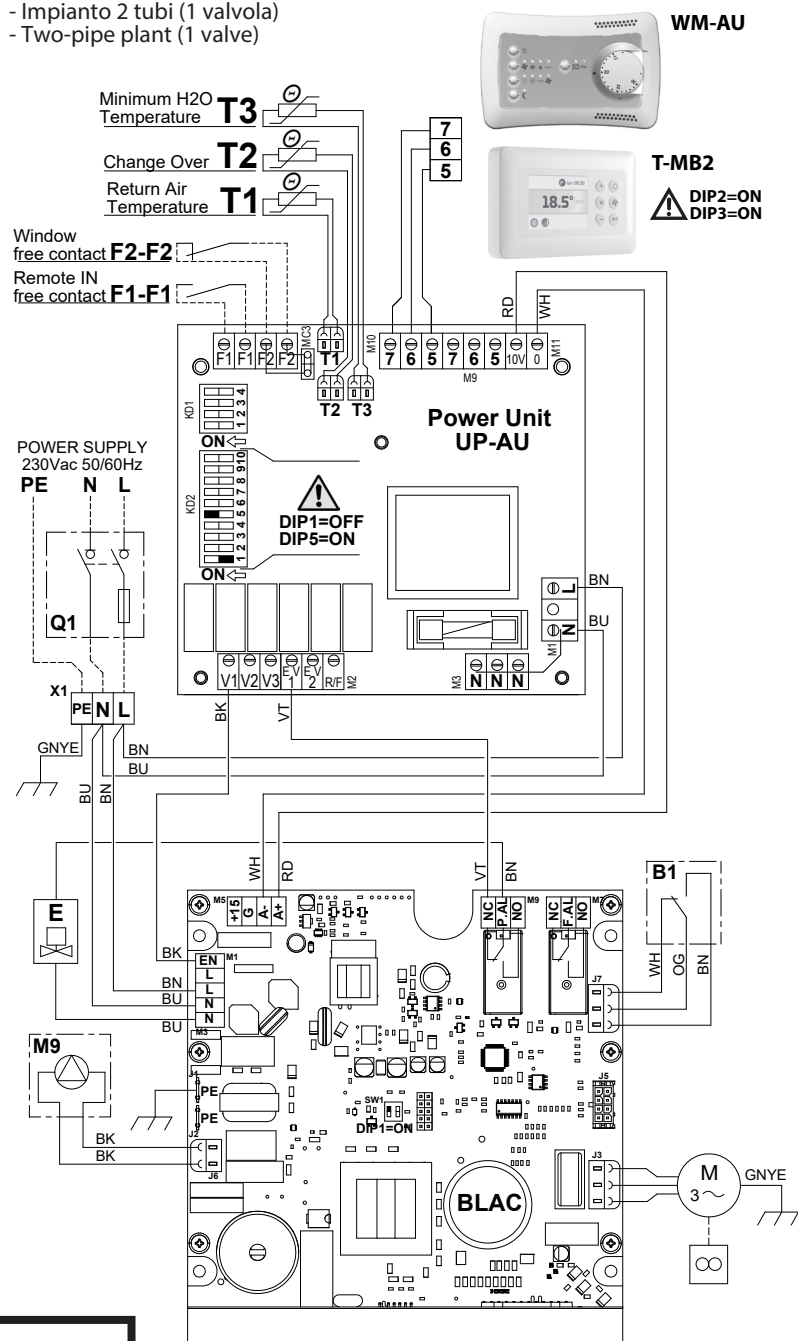


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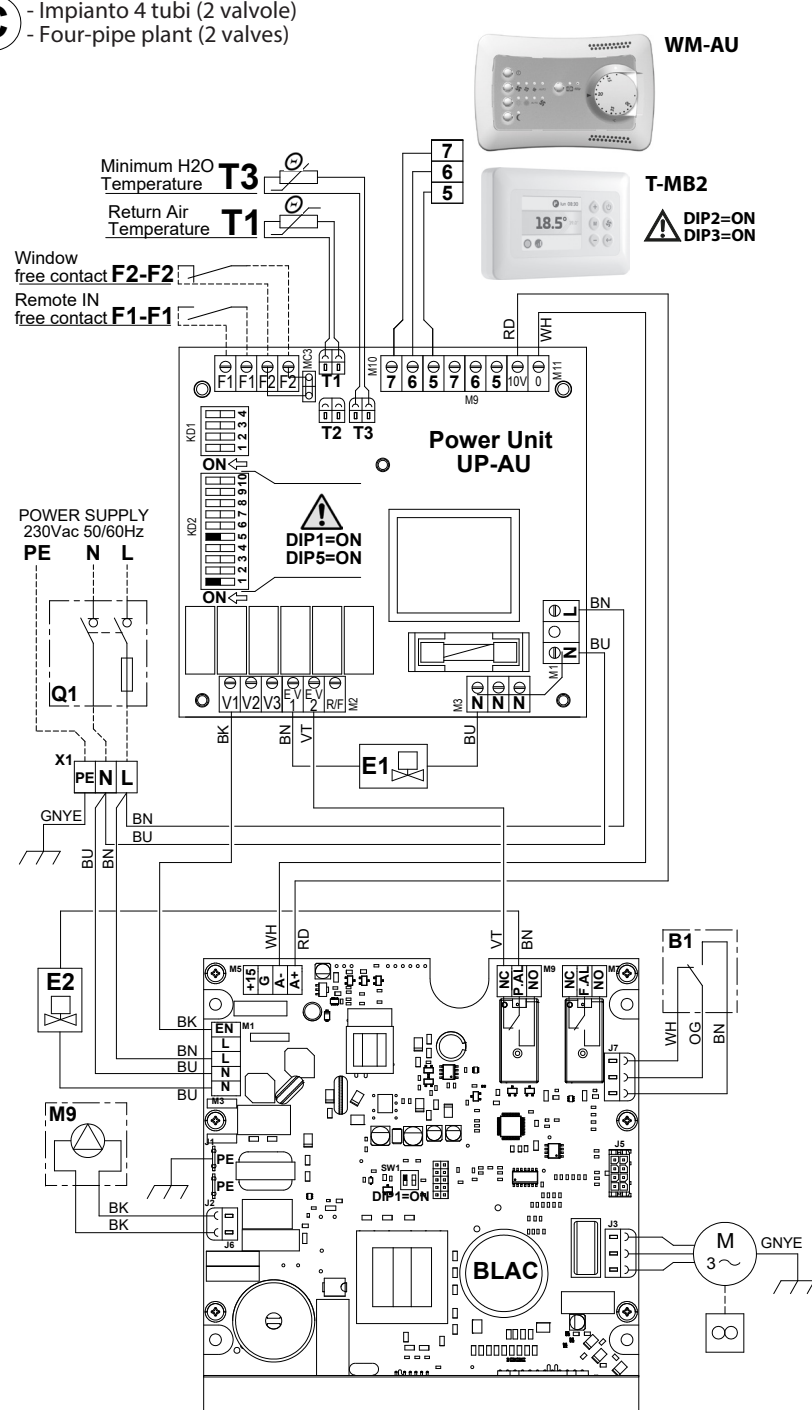


SE-0390-02

- B** - Impianto 2 tubi (1 valvola)
- Two-pipe plant (1 valve)



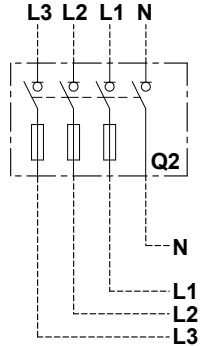
- C** - Impianto 4 tubi (2 valvole)
- Four-pipe plant (2 valves)



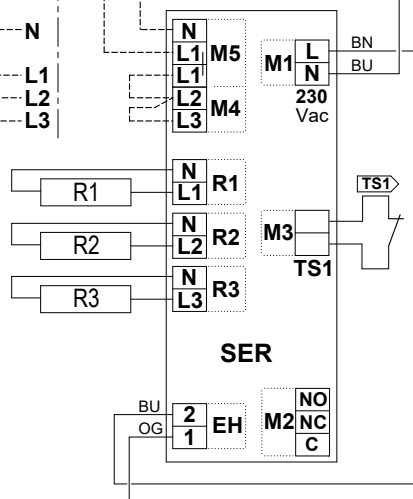
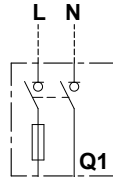
A

- Impianto senza valvole (resistenza elettrica)
- Without valves installation (electric heater)

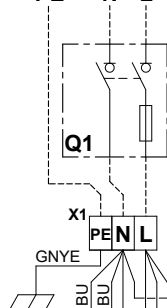
EH POWER SUPPLY
400Vac 3Ph 50/60Hz



EH POWER SUPPLY
230Vac 50/60Hz

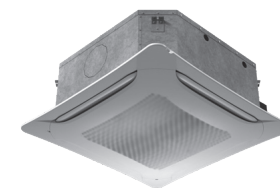
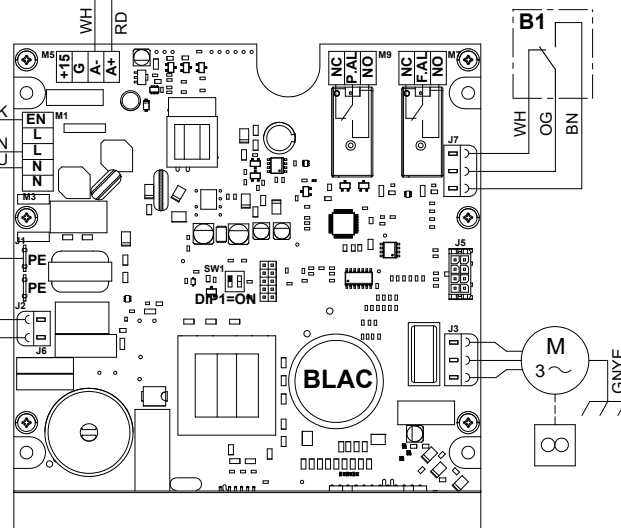
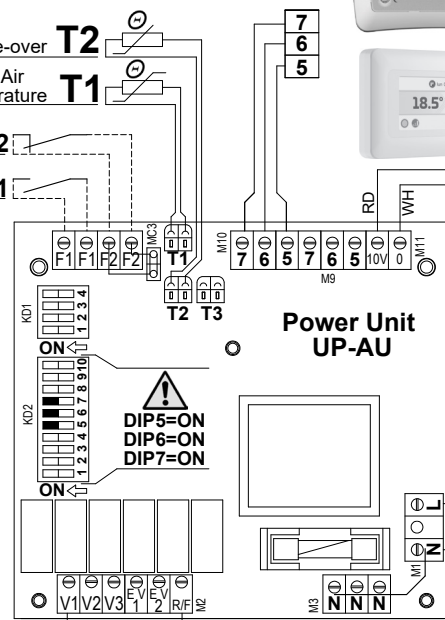


POWER SUPPLY
230Vac 50/60Hz



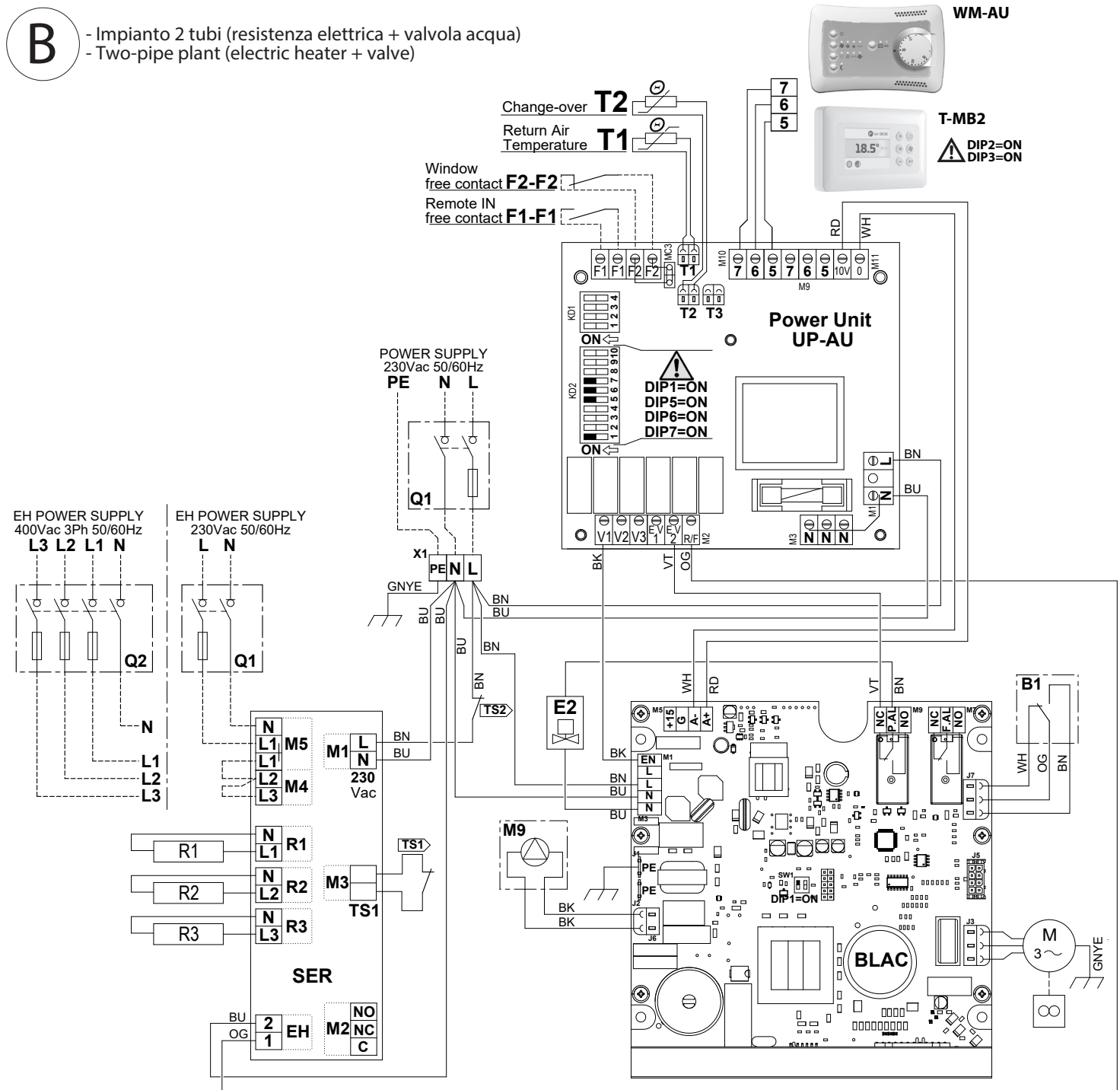
Change-over **T2**
Return Air
Temperature **T1**

Window
free contact **F2-F2**
Remote IN
free contact **F1-F1**



SE-0690

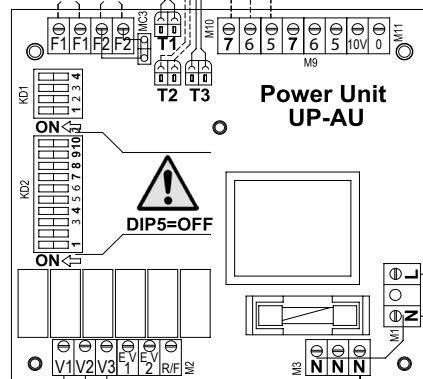
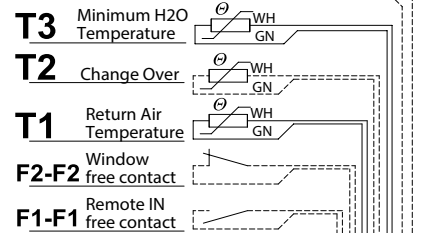
- Impianto 2 tubi (resistenza elettrica + valvola acqua)
- Two-pipe plant (electric heater + valve)



A**WM-AU****T-MB2**

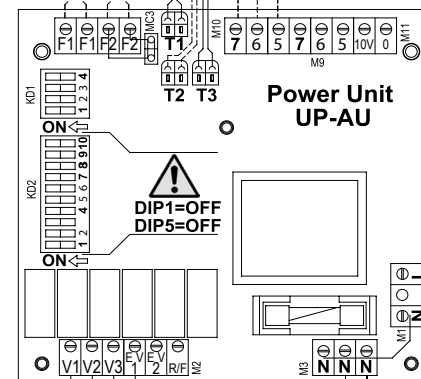
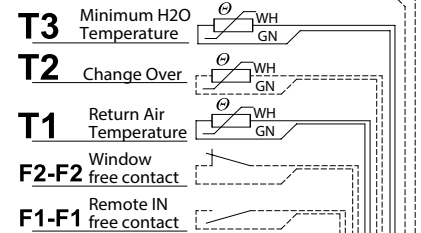
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DIP3=ON

7 6 5

**B****WM-AU****T-MB2**

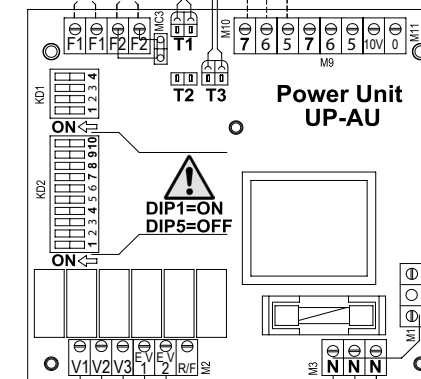
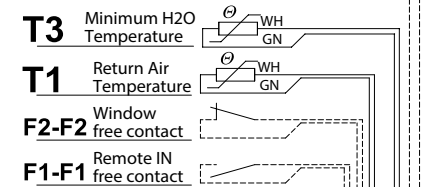
⚠ DIP2=ON
DIP3=ON

7 6 5

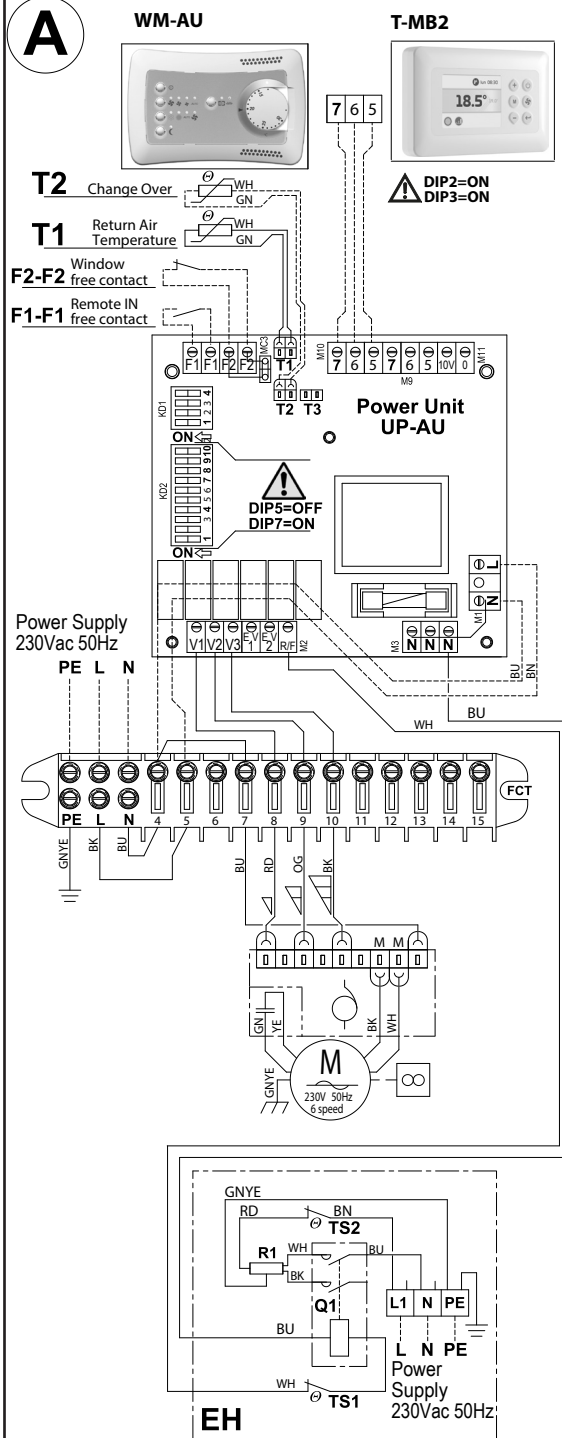
**C****WM-AU****T-MB2**

⚠ DIP2=ON
DIP3=ON

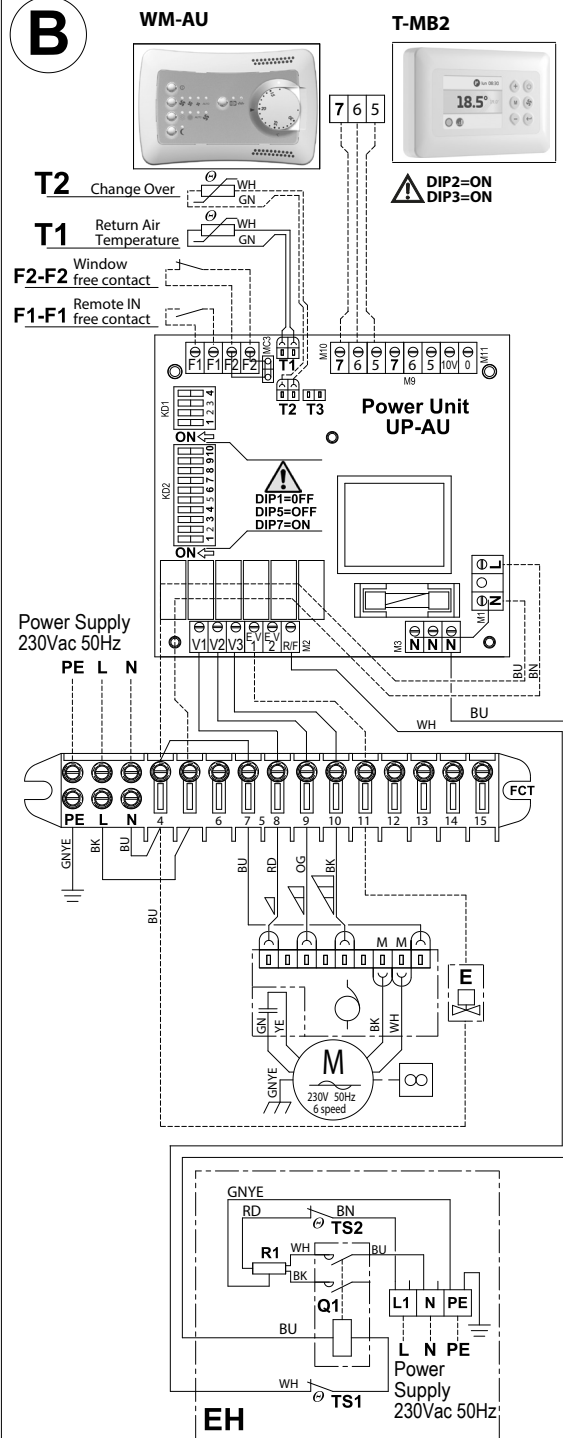
7 6 5

**SE-0483**

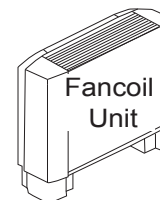
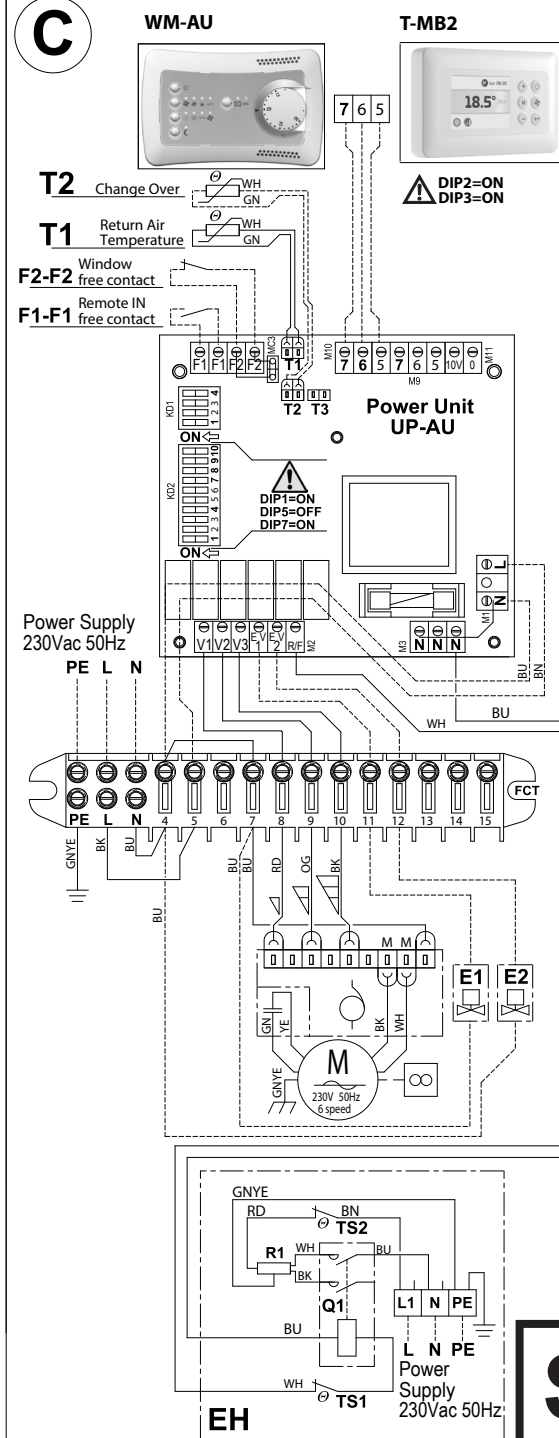
A



B

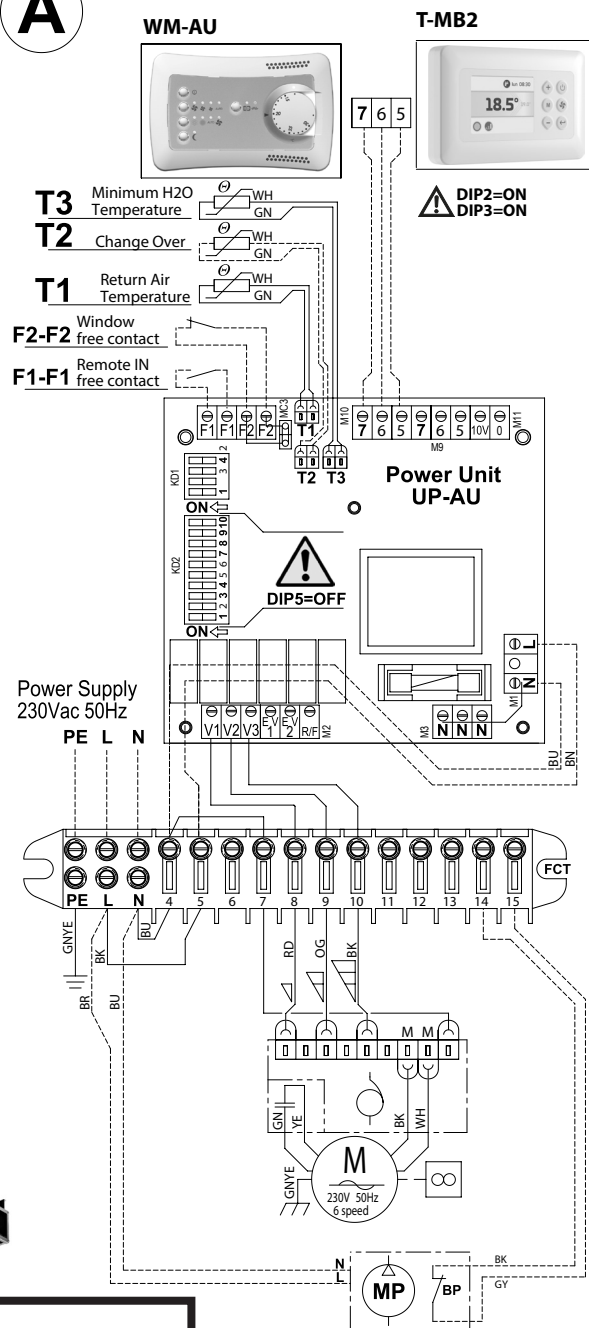


C

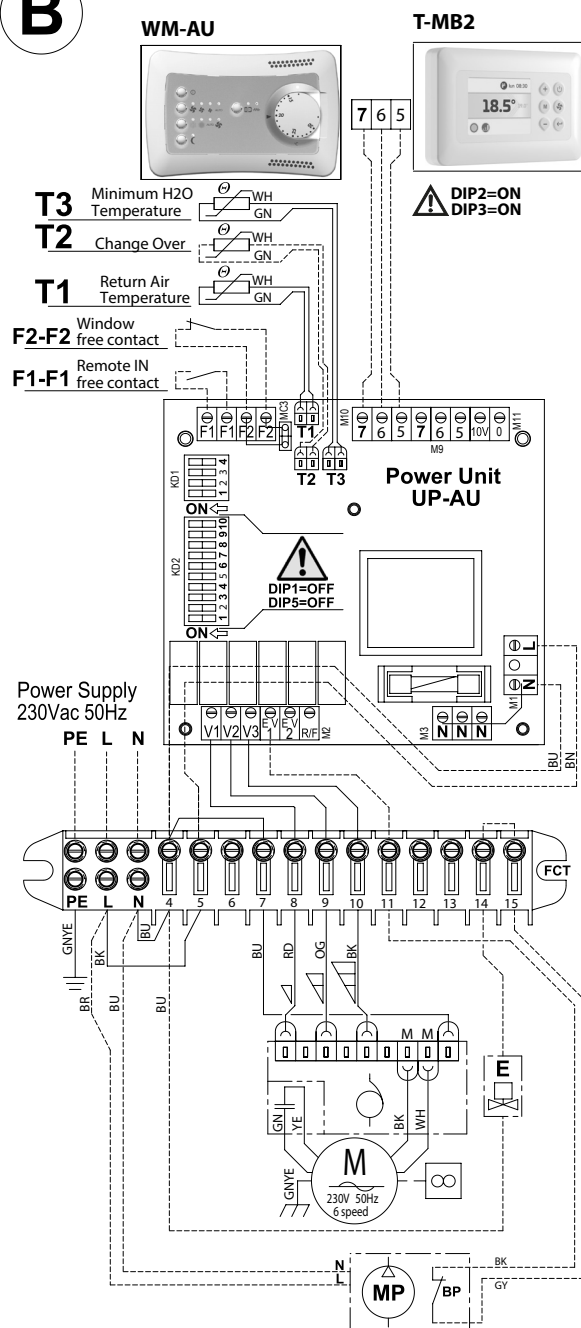


SE-0484

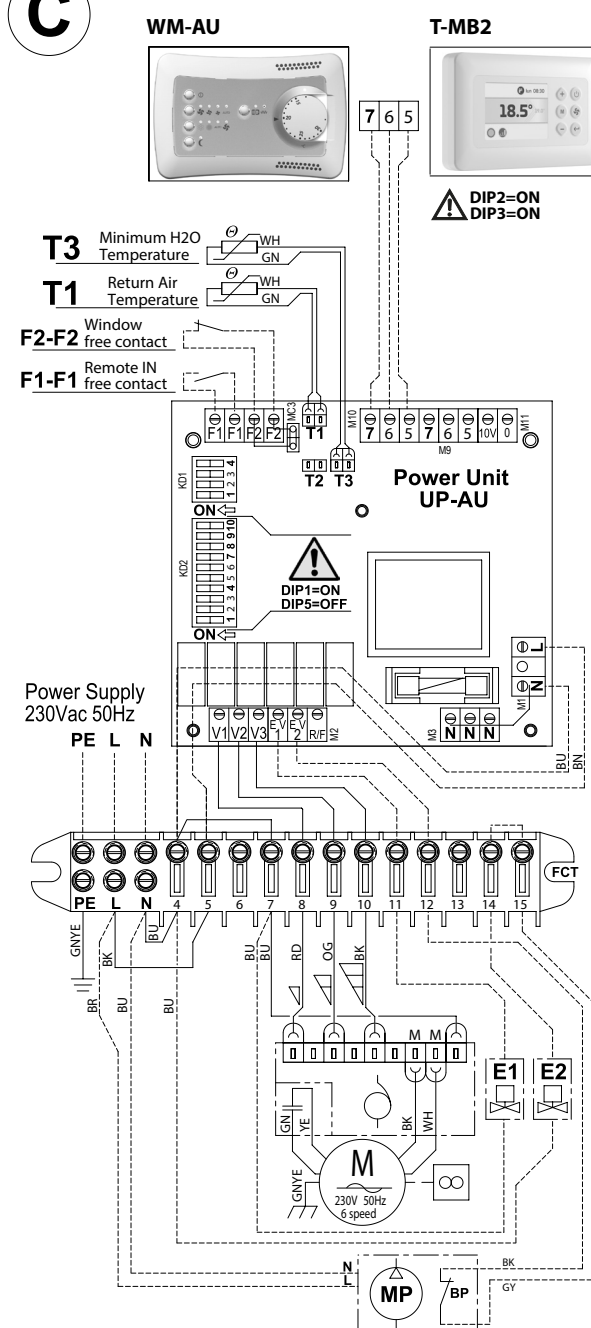
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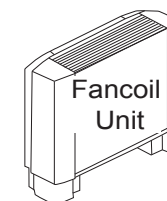
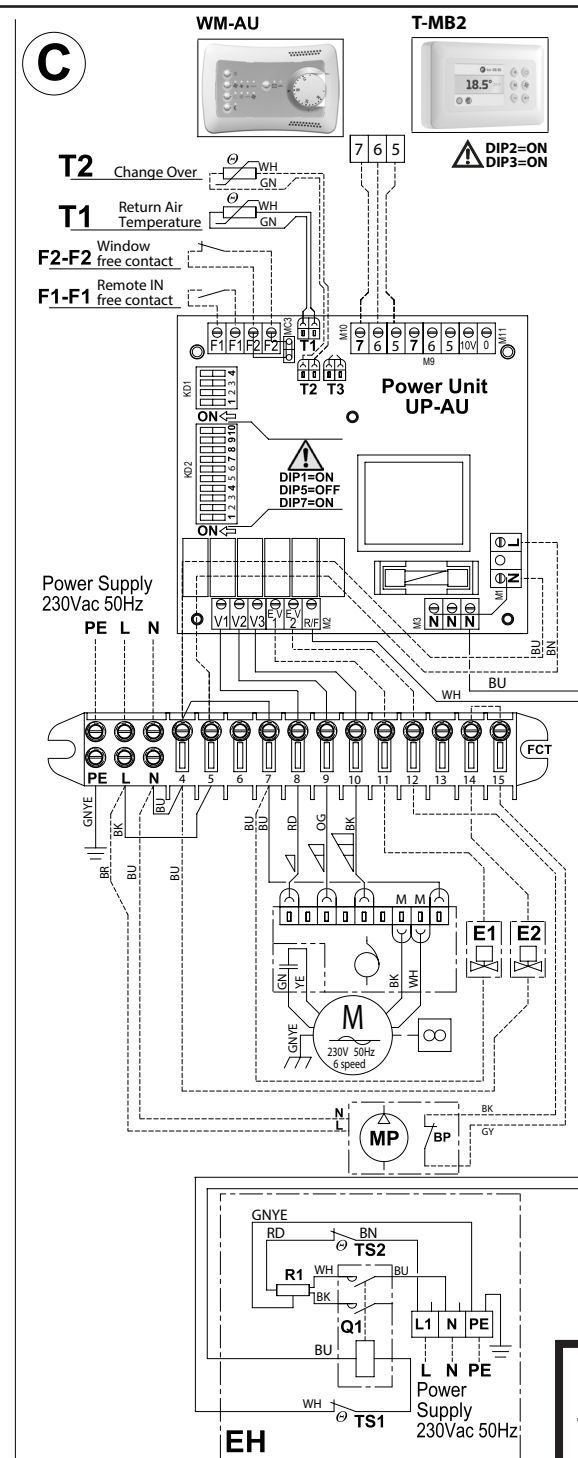
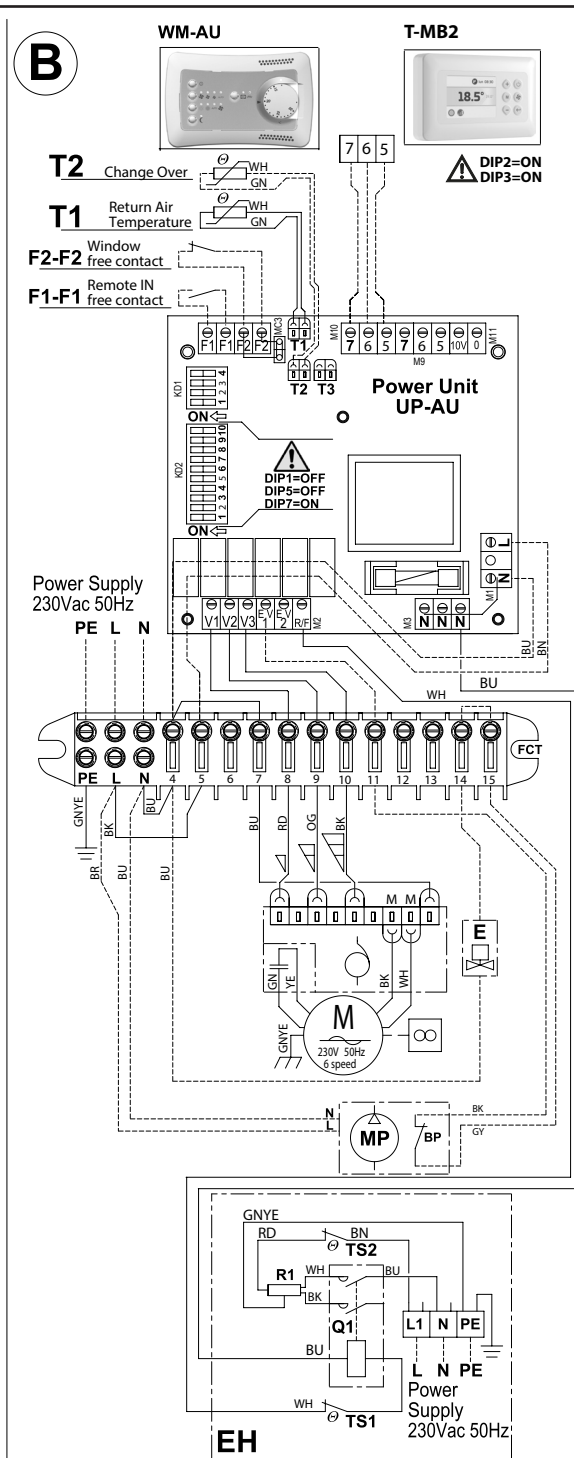
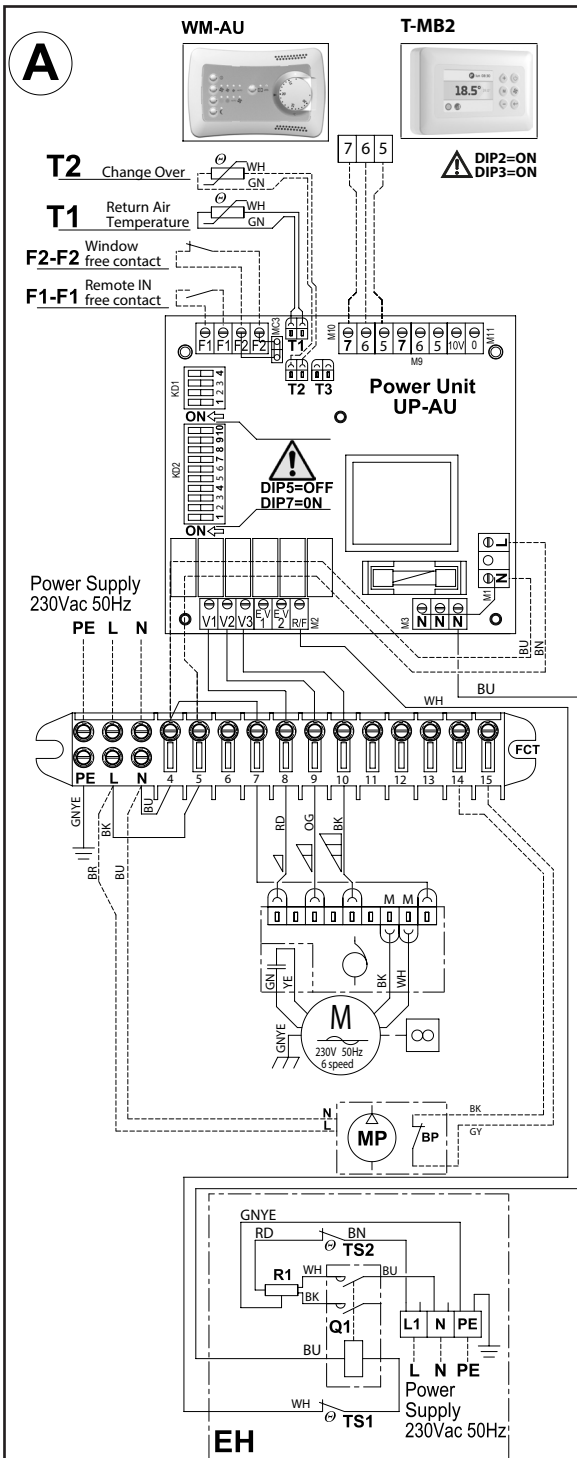
B



C

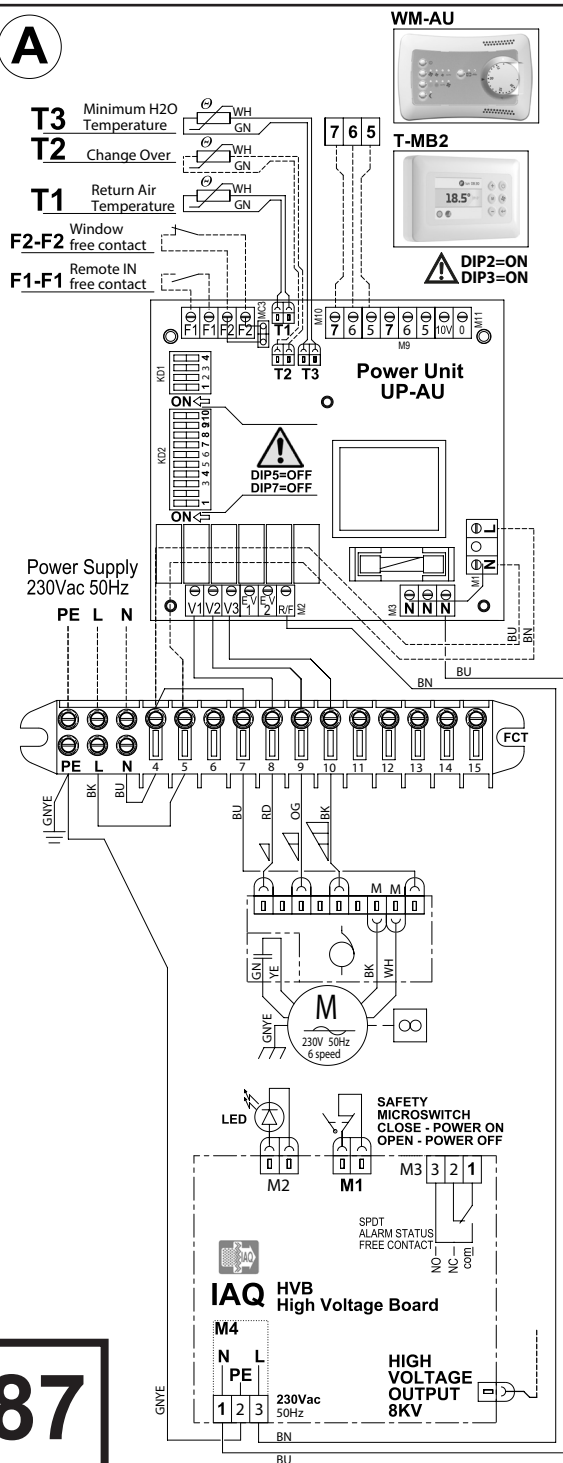


SE-0485

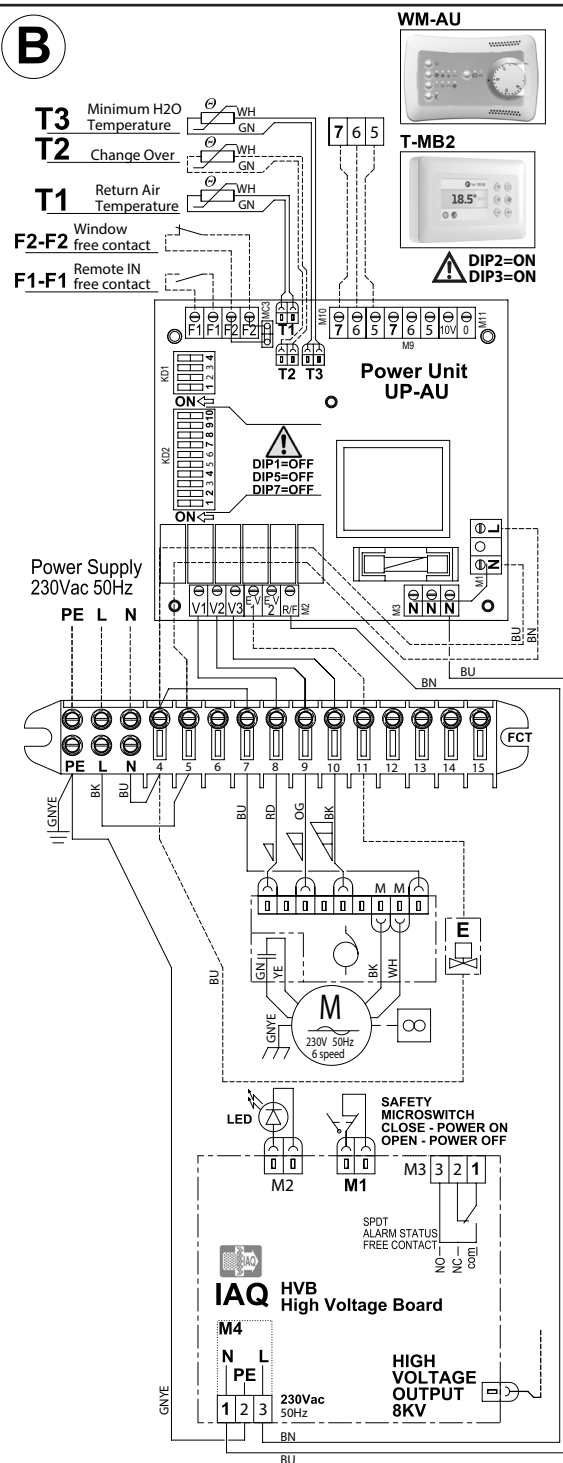


SE-0486

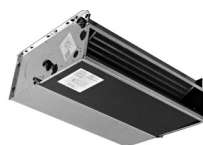
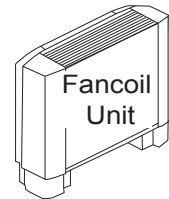
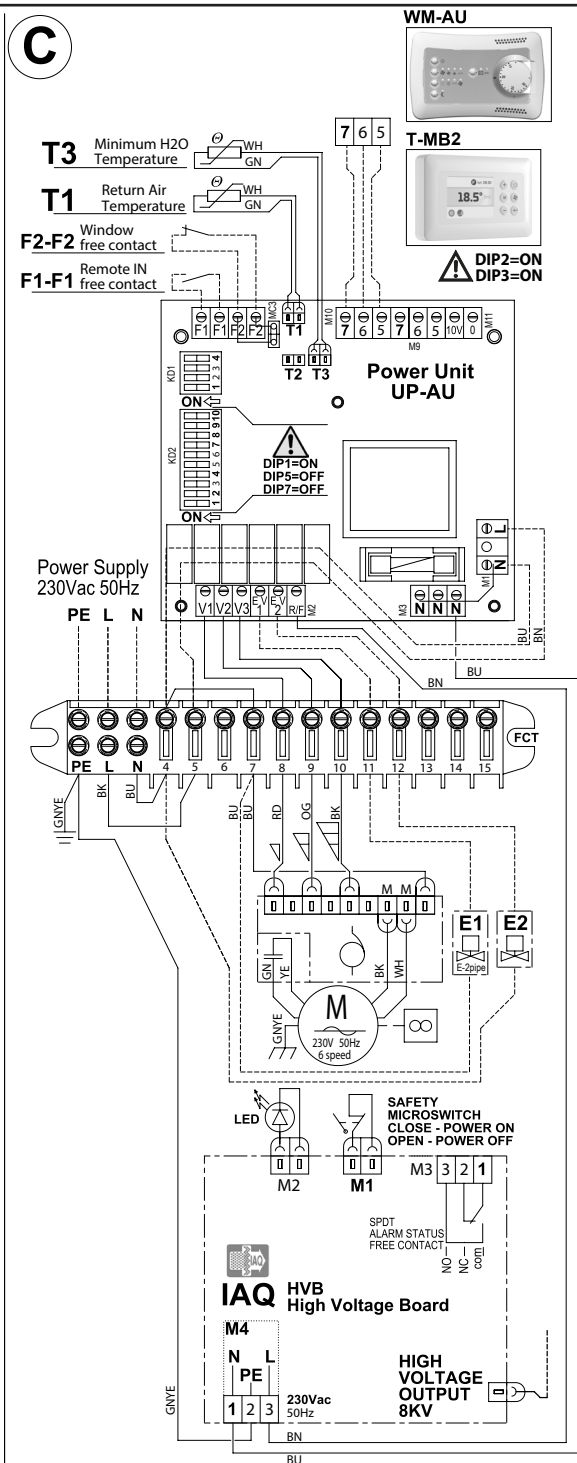
A



B

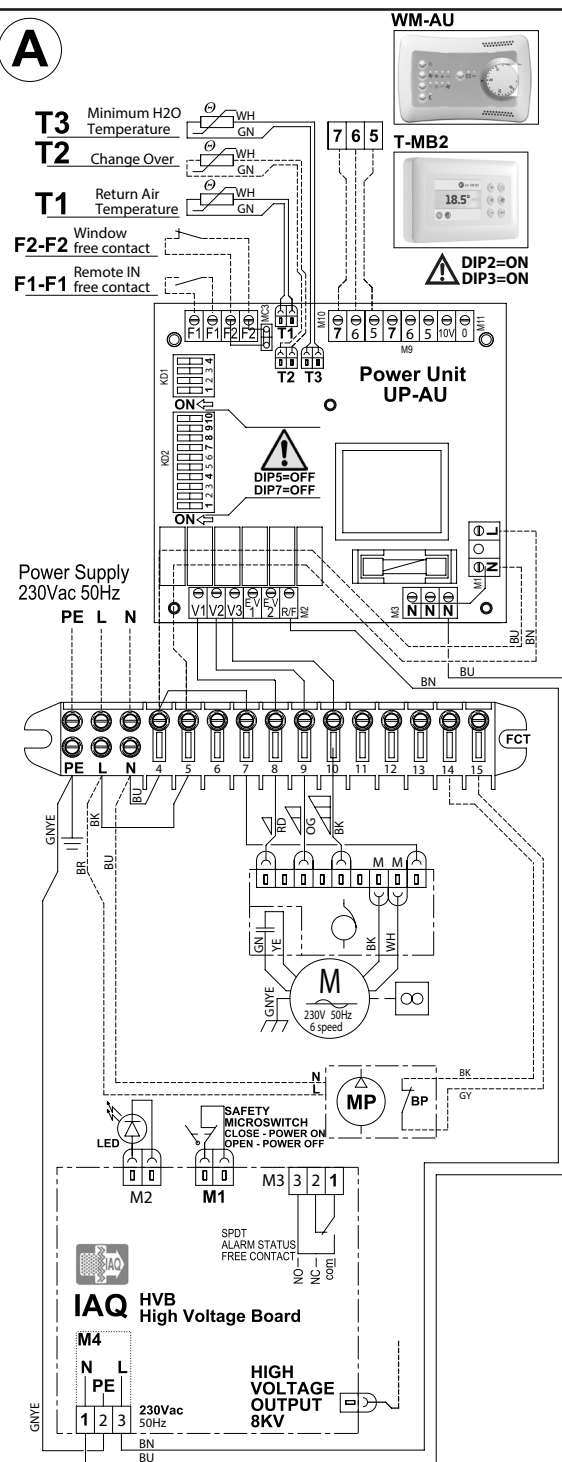


C

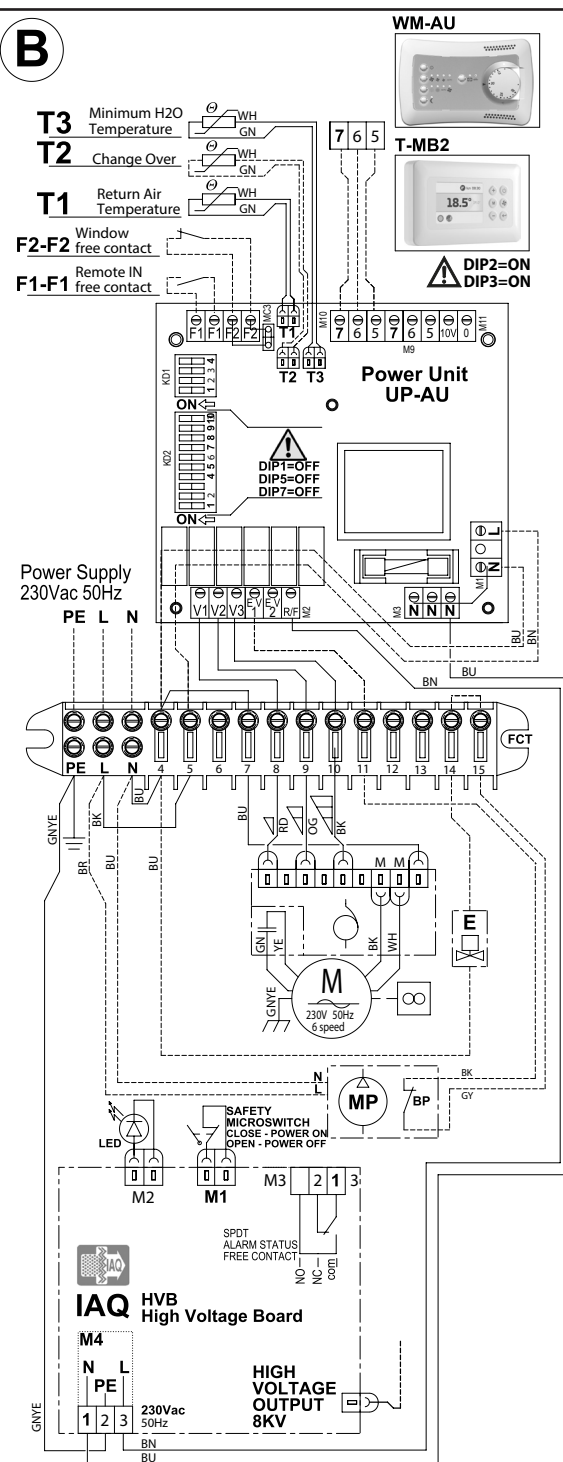


SE-0487

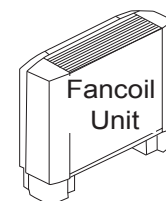
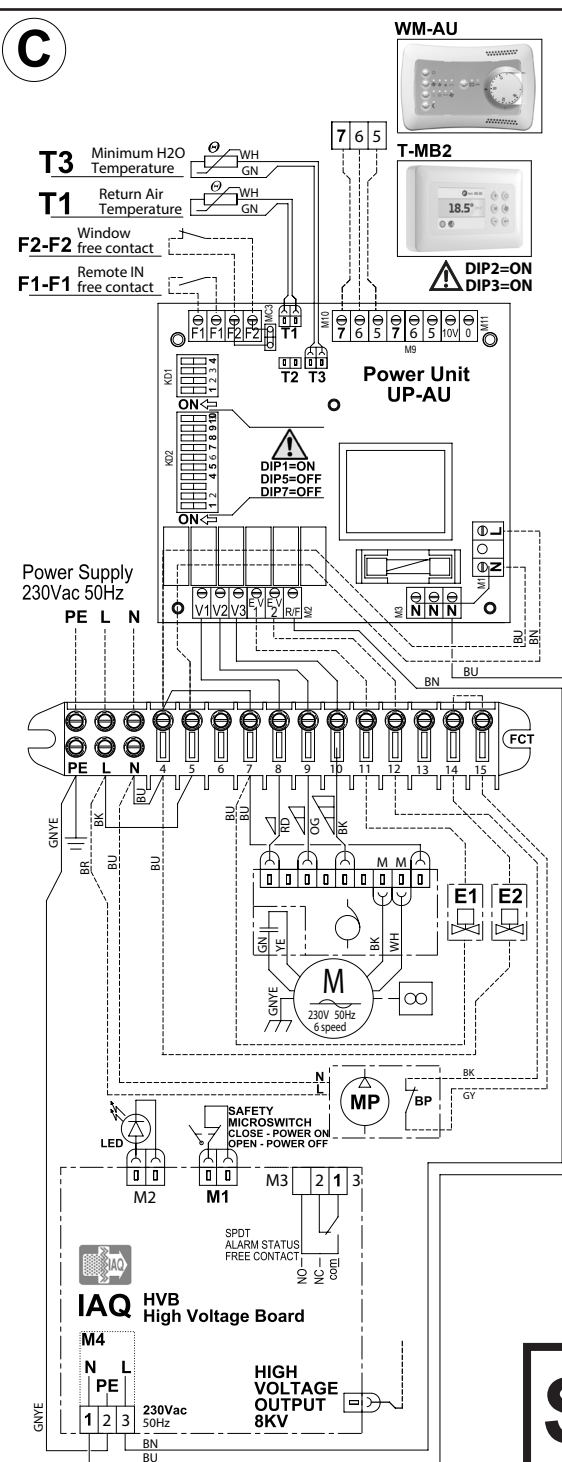
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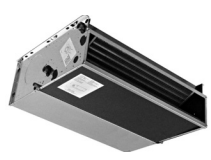
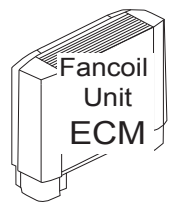
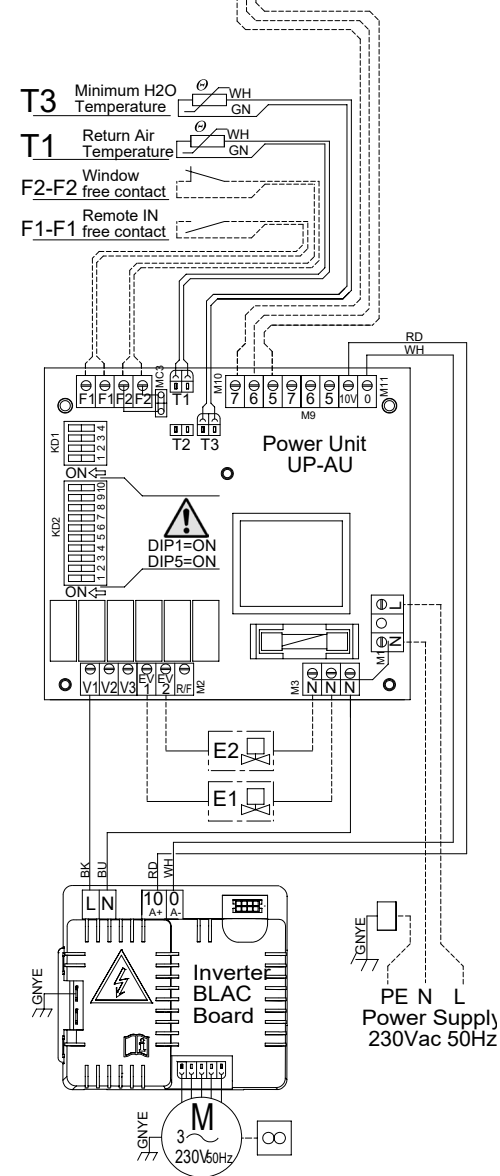
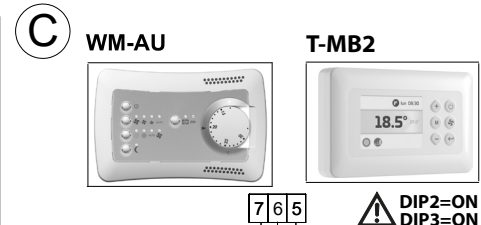
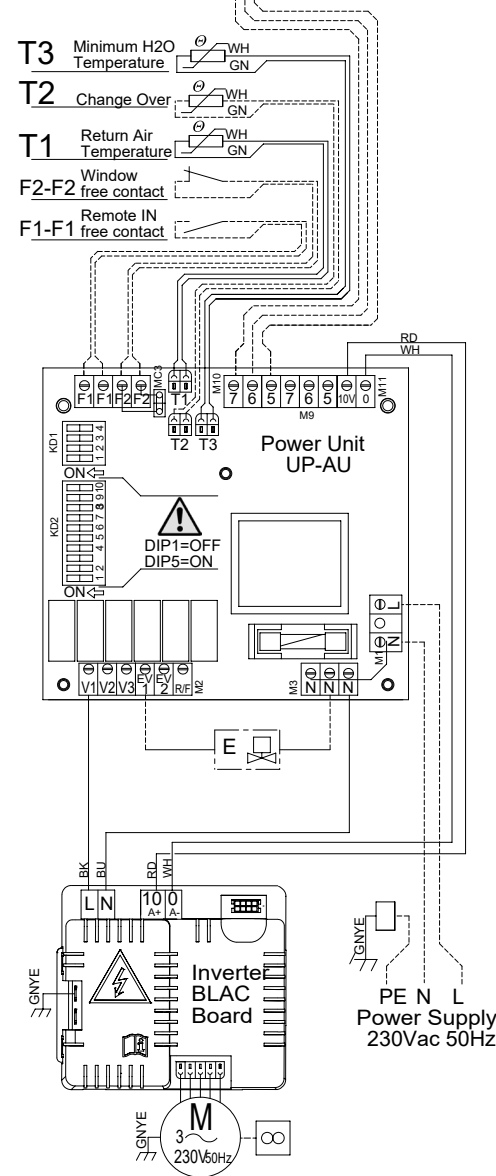
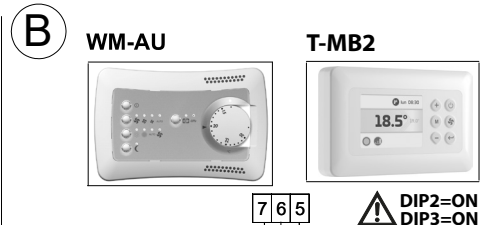
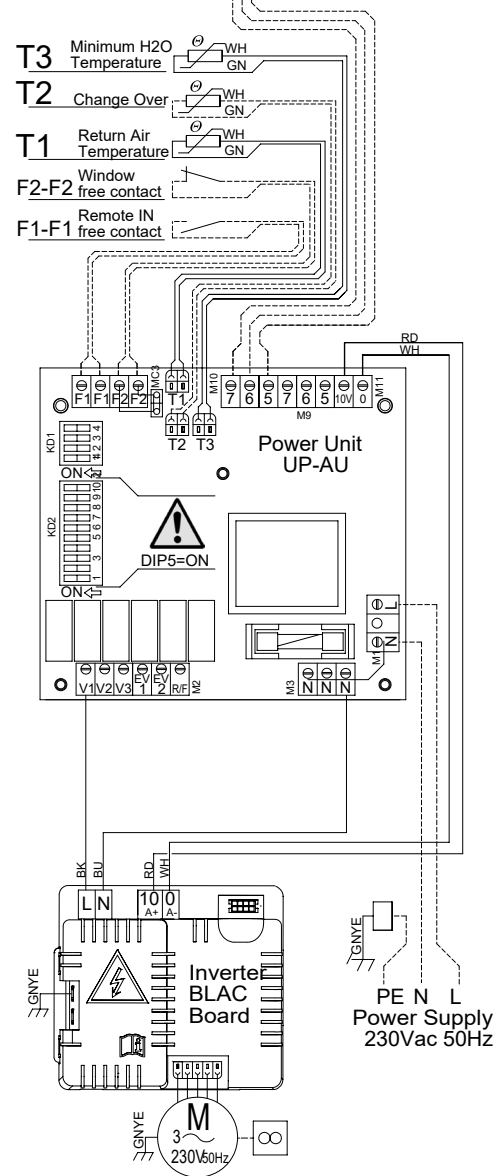
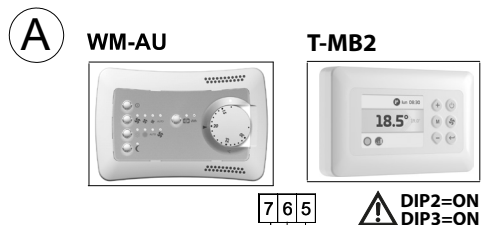
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C

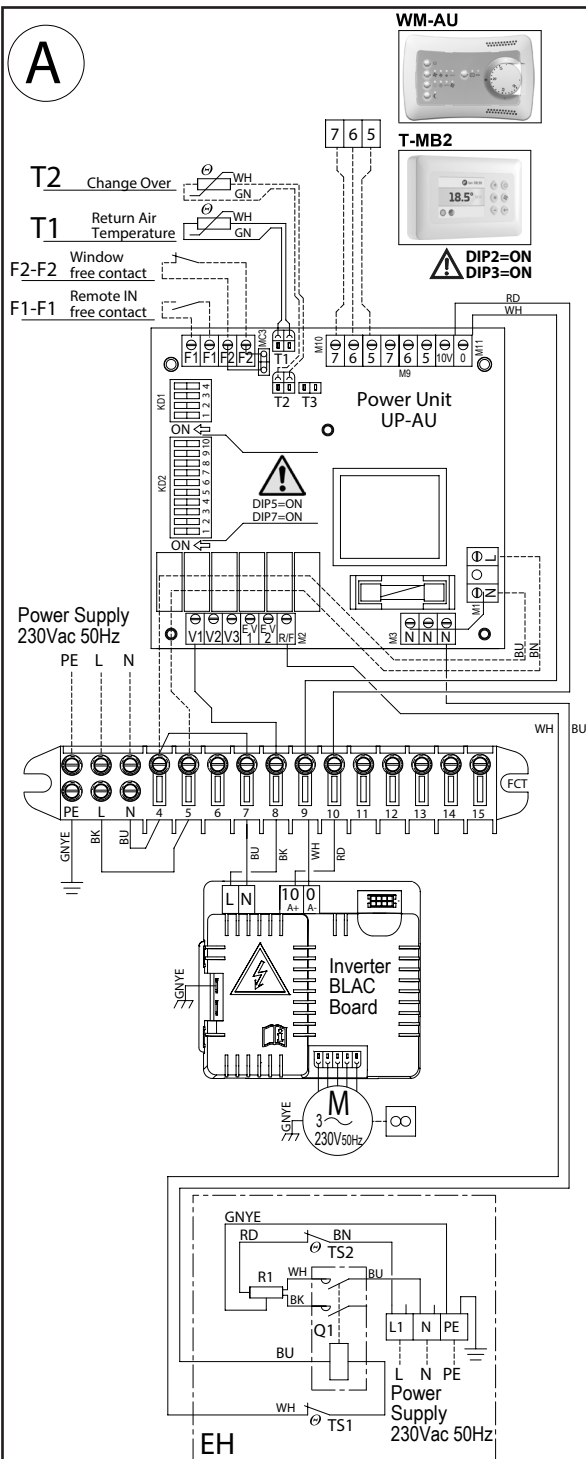


SE-0488

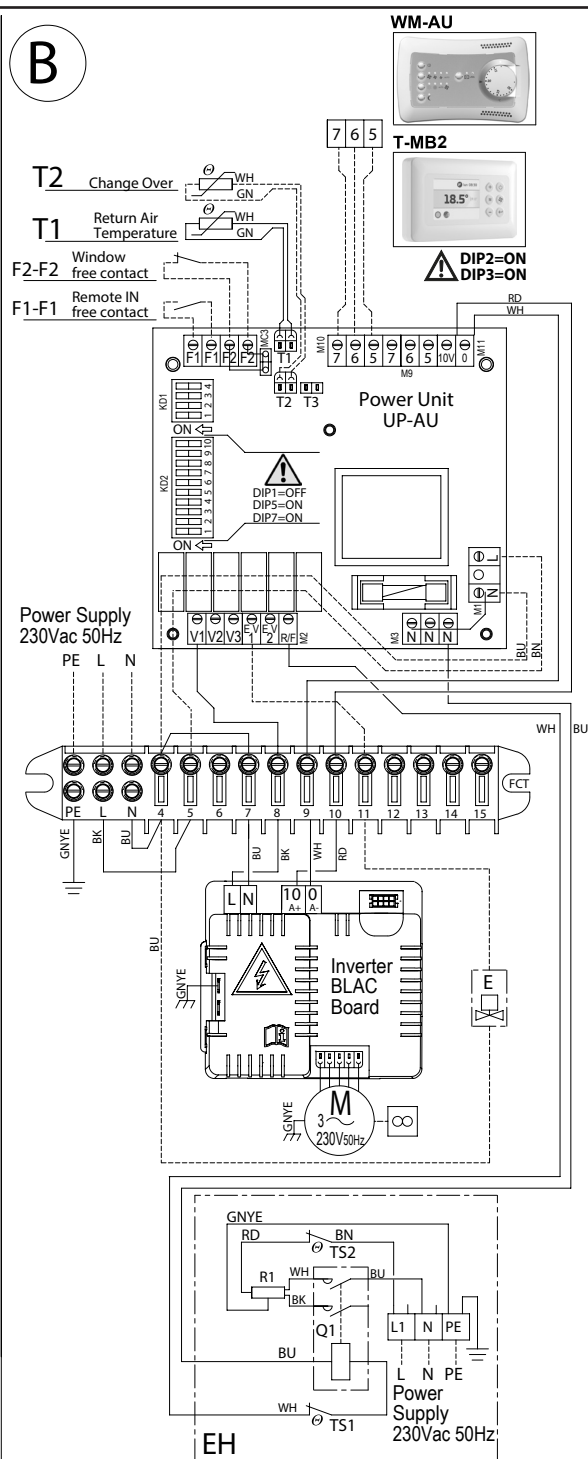


SE-0489

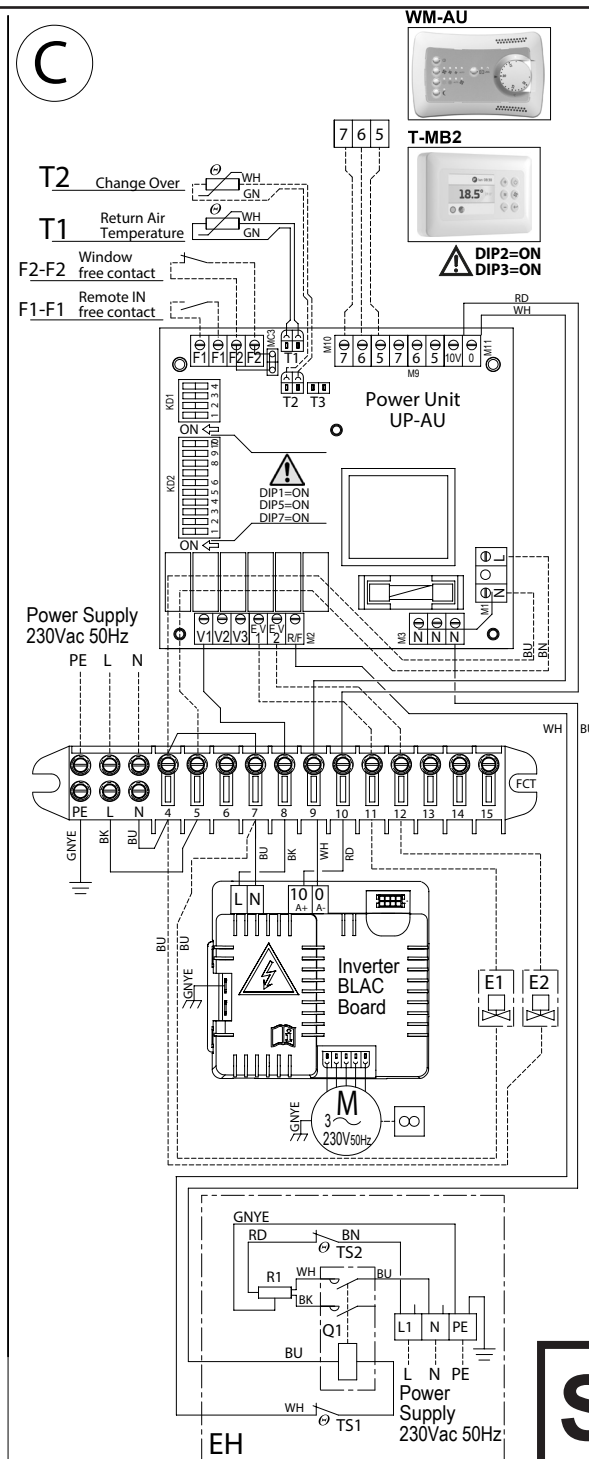
A



B

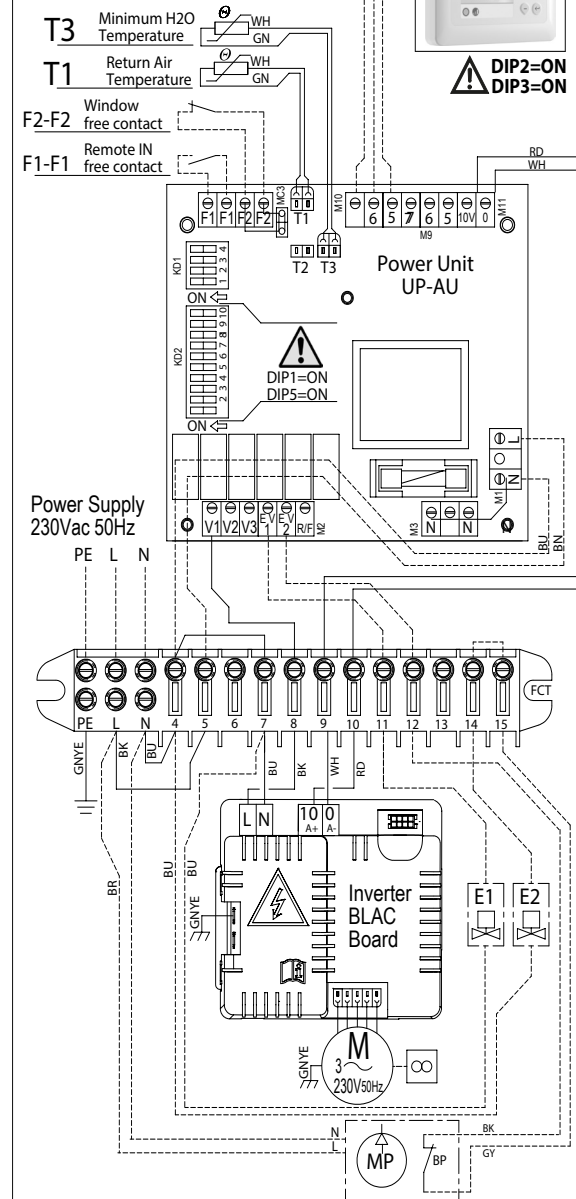
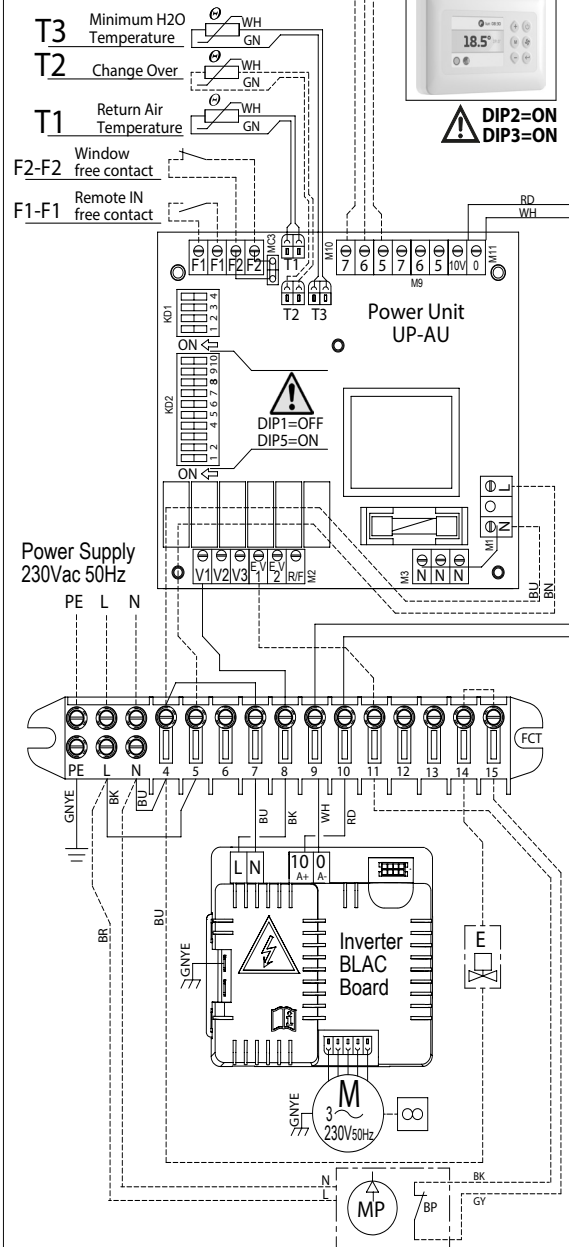


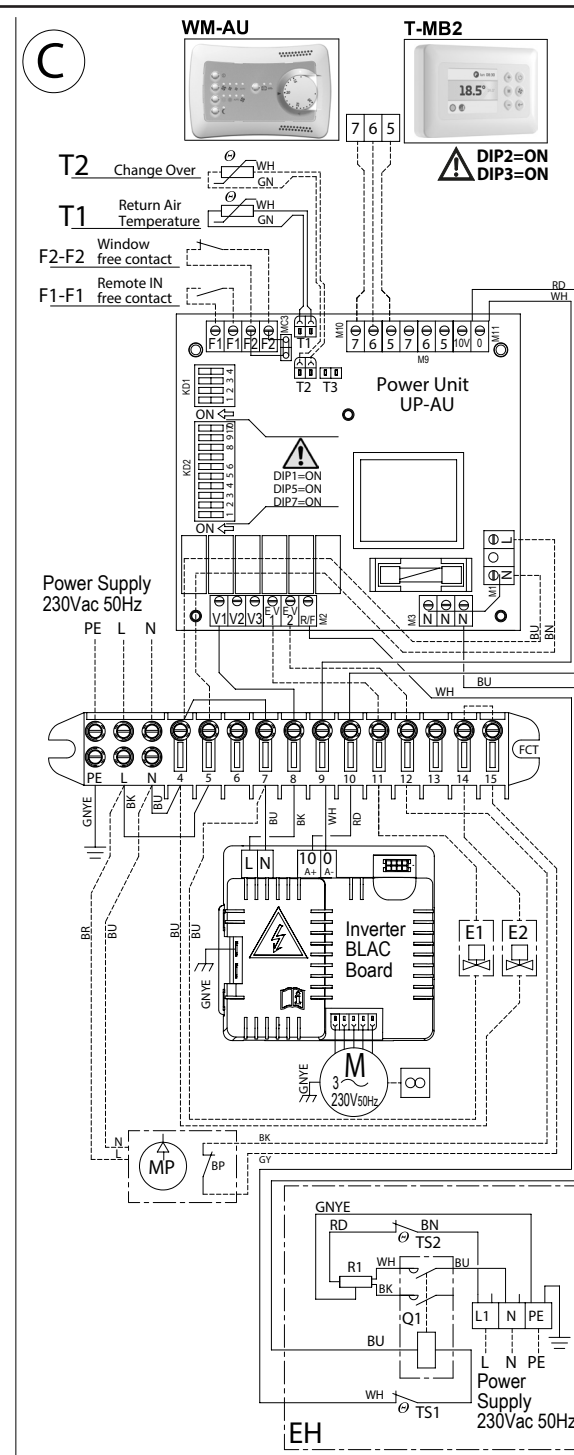
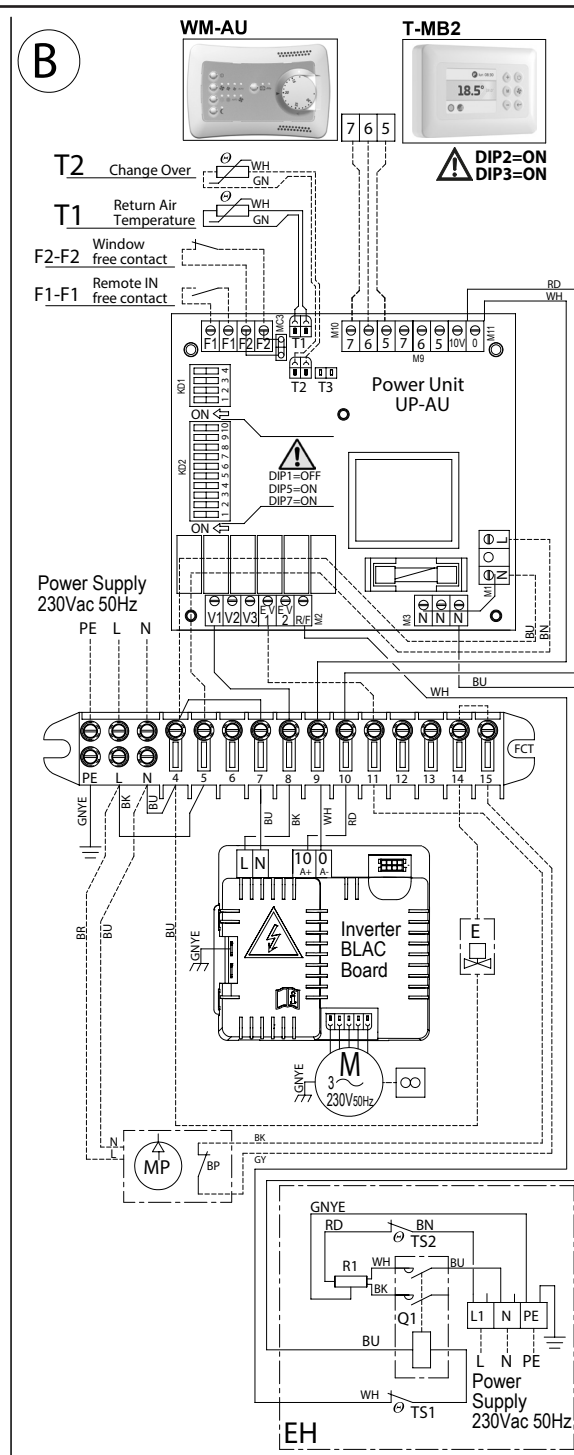
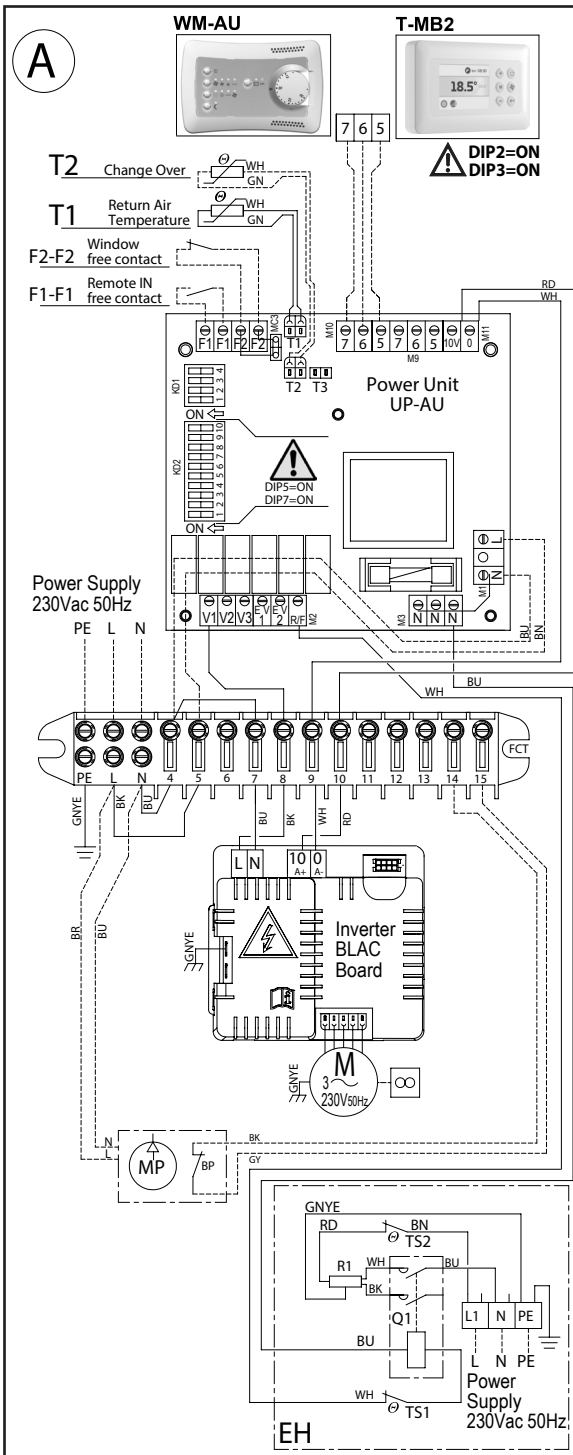
C



SE-0490

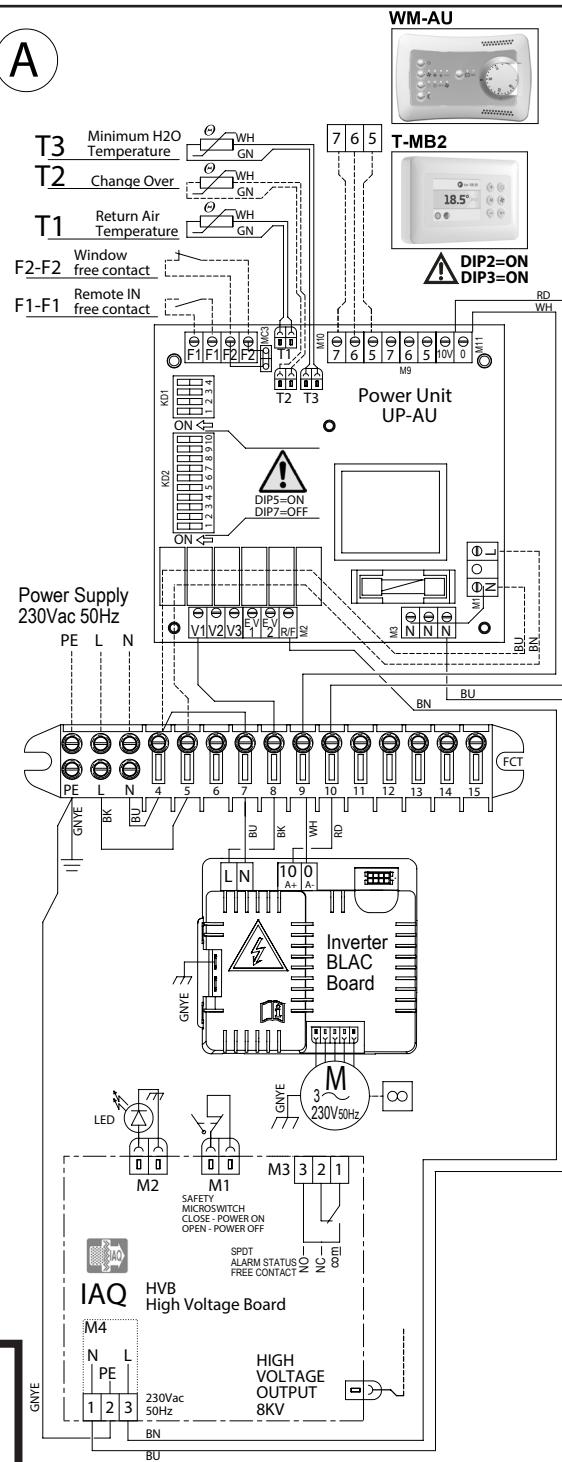
SE-0491



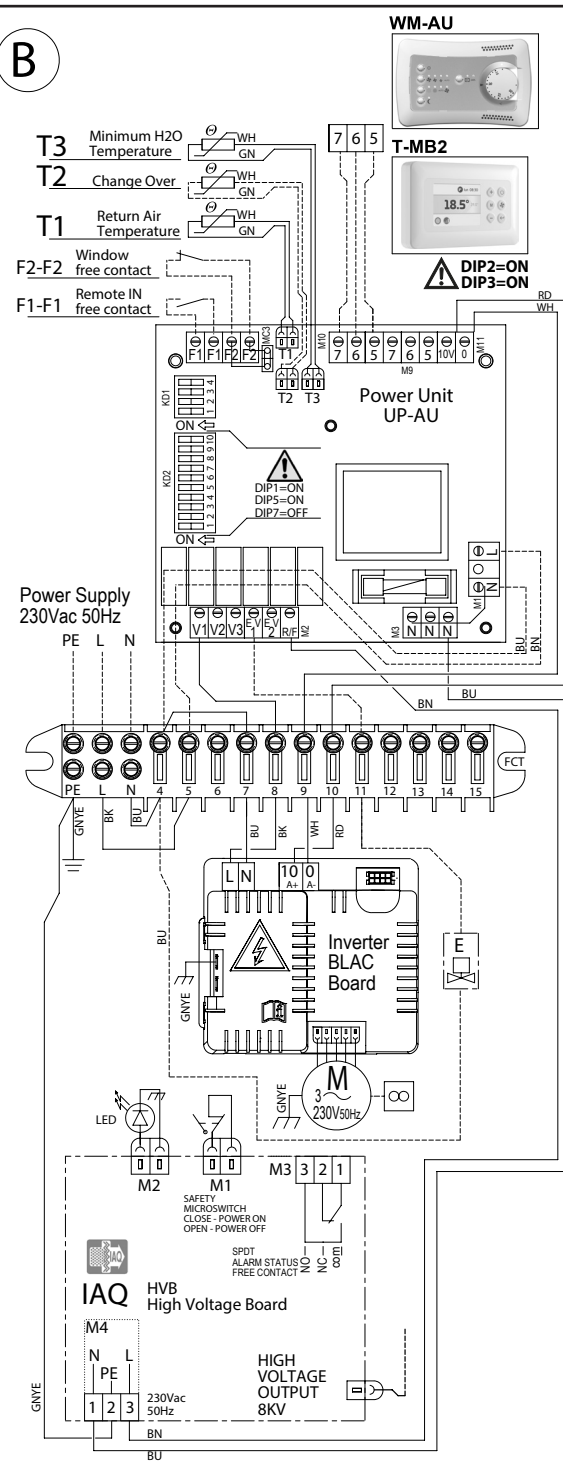


SE-0492

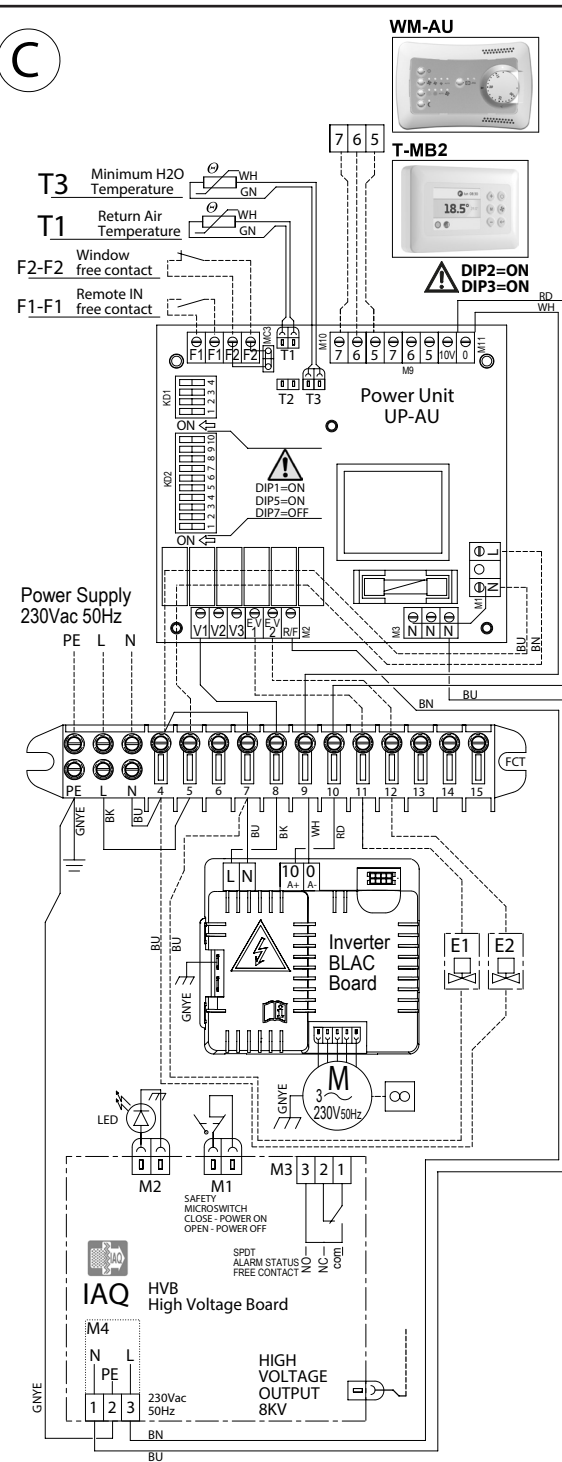
A



B

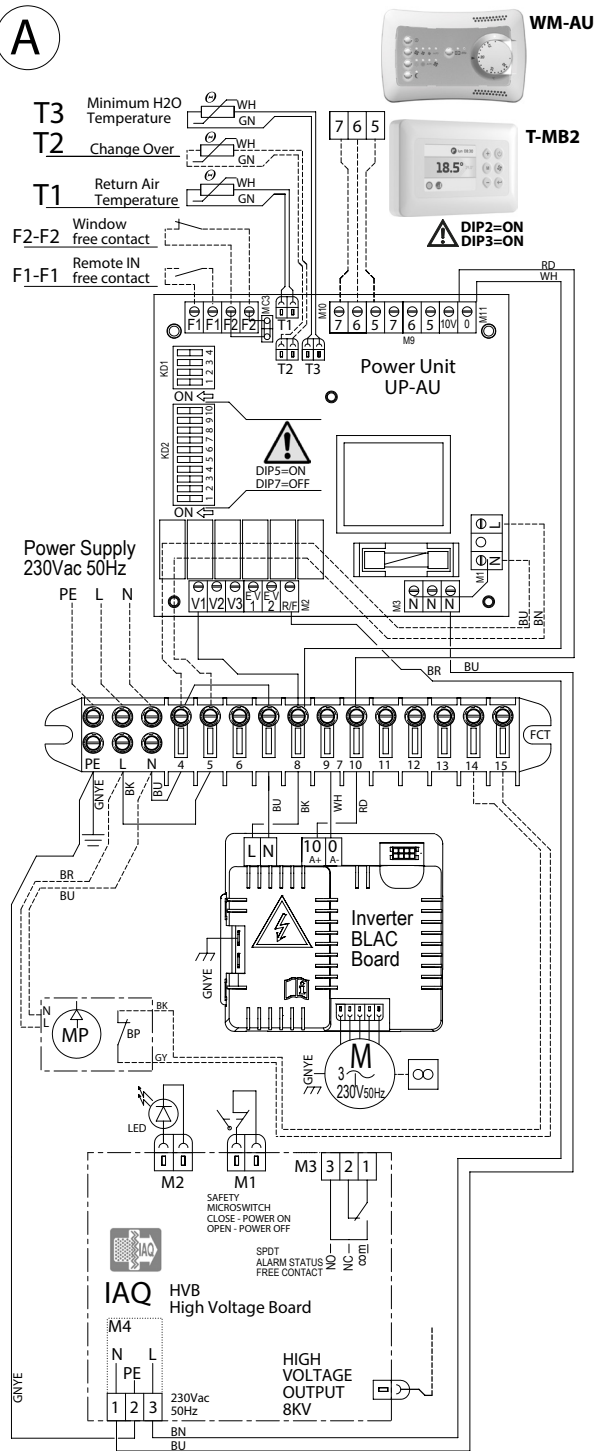


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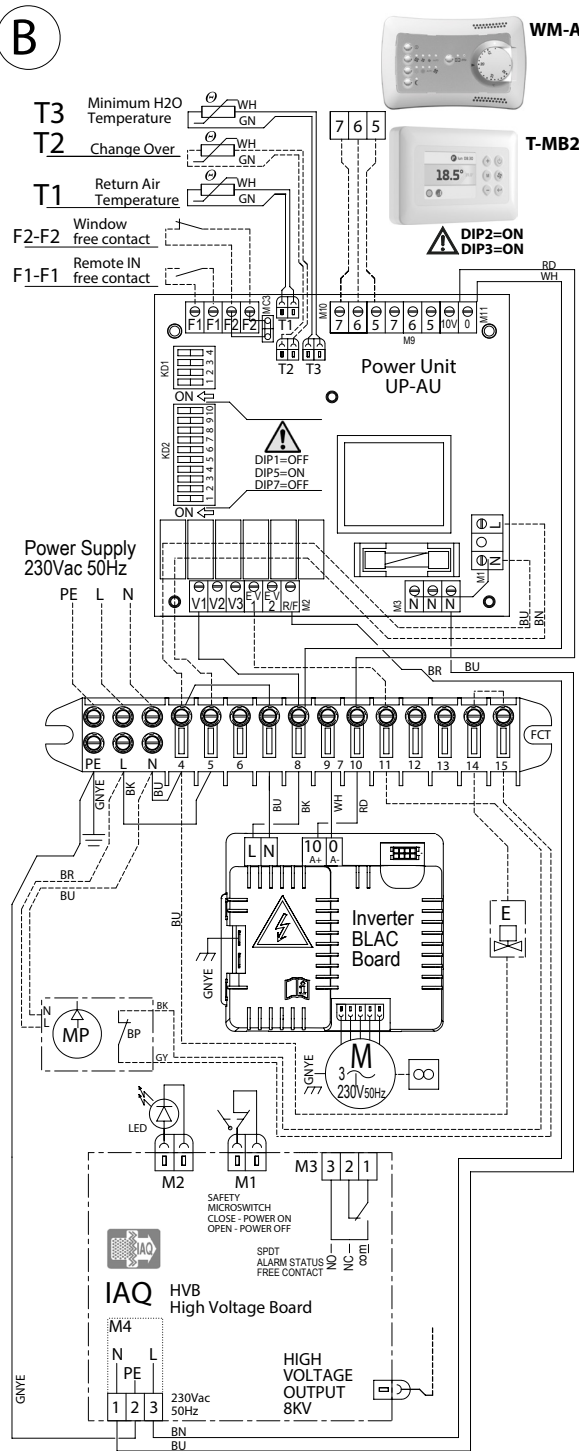


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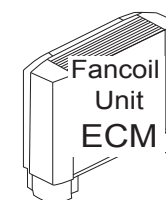
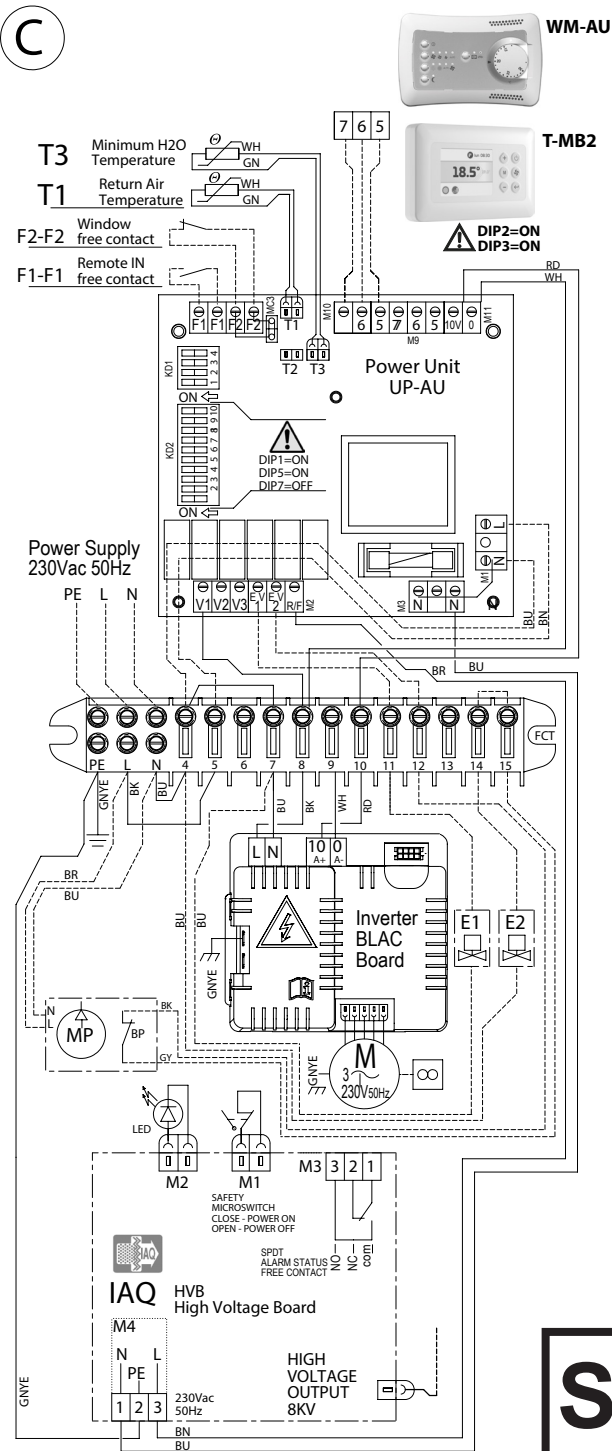
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B



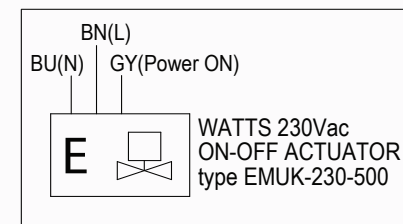
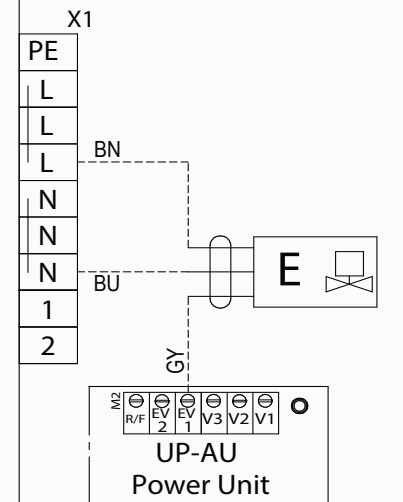
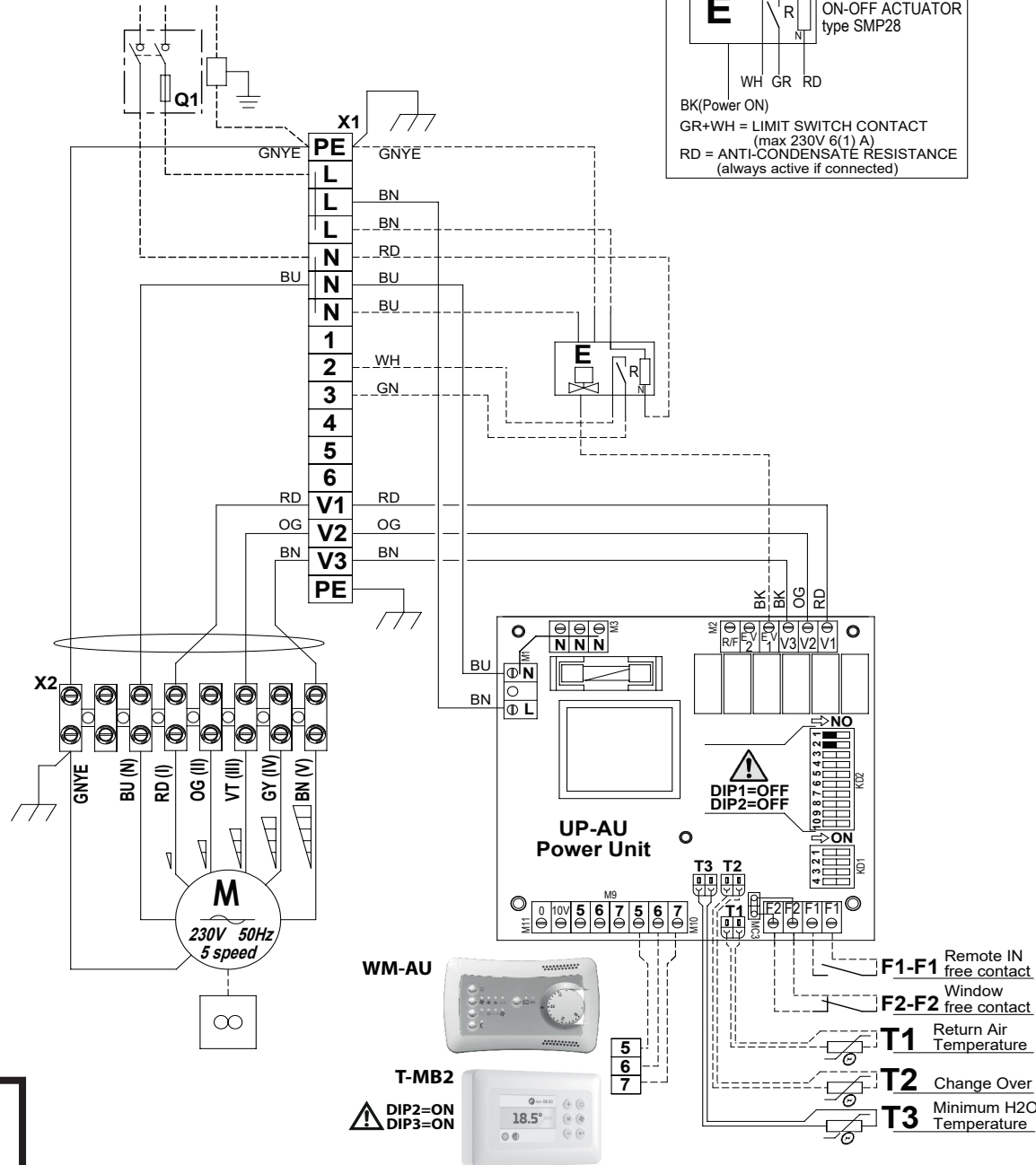
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SE-0494

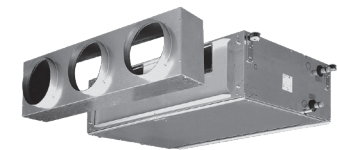
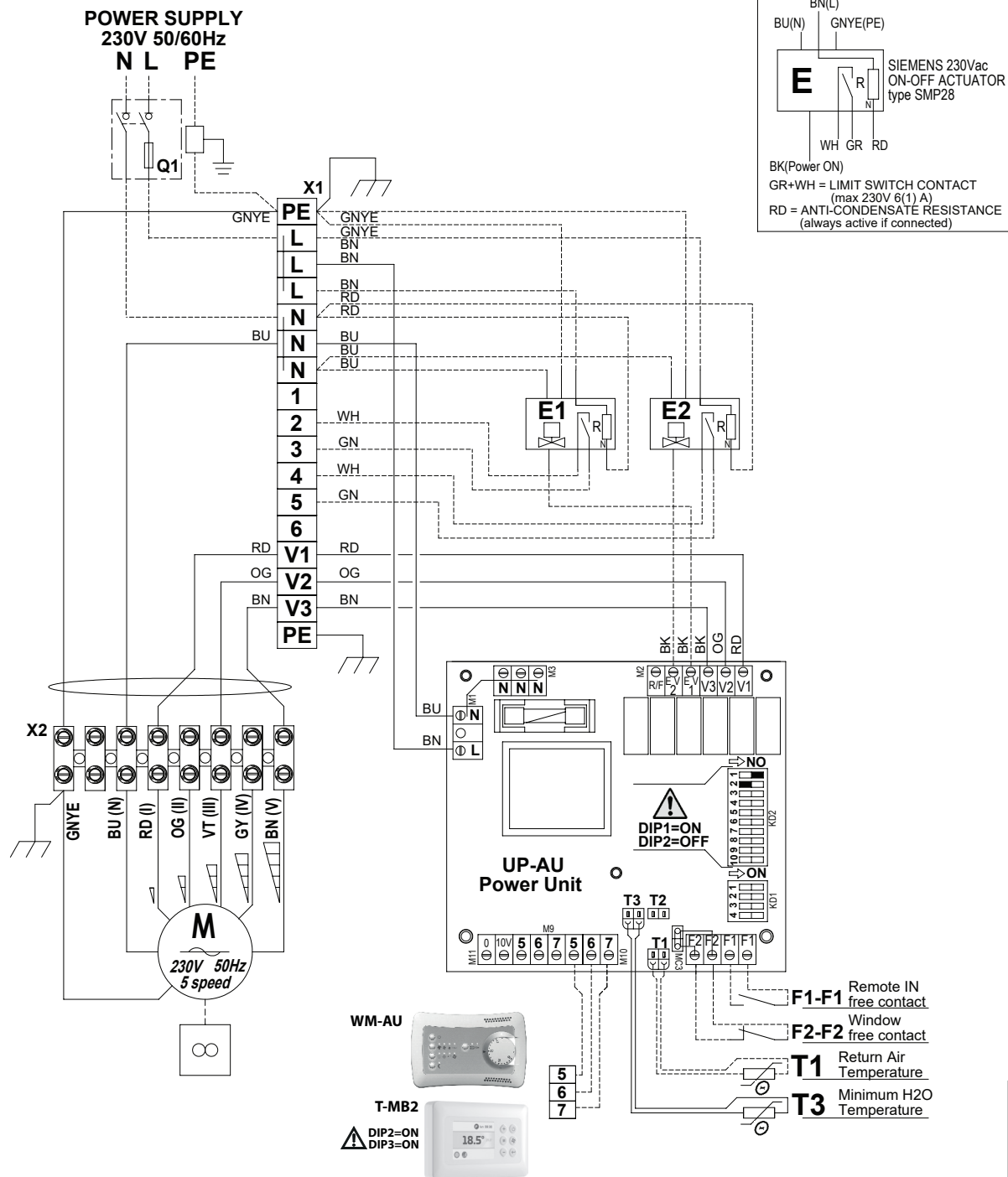
B

POWER SUPPLY
230V 50/60Hz
N L PE



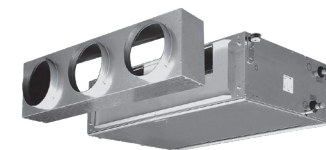
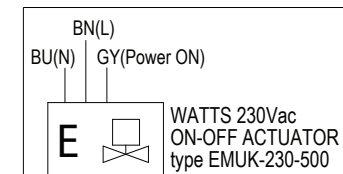
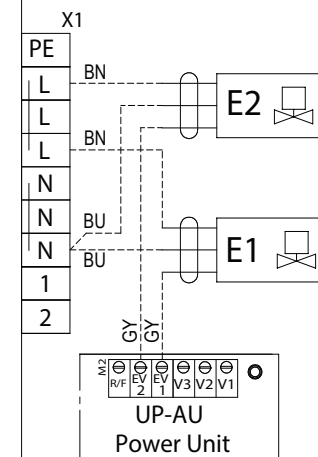
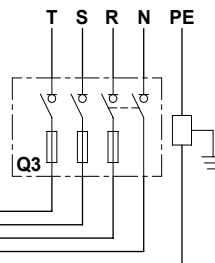
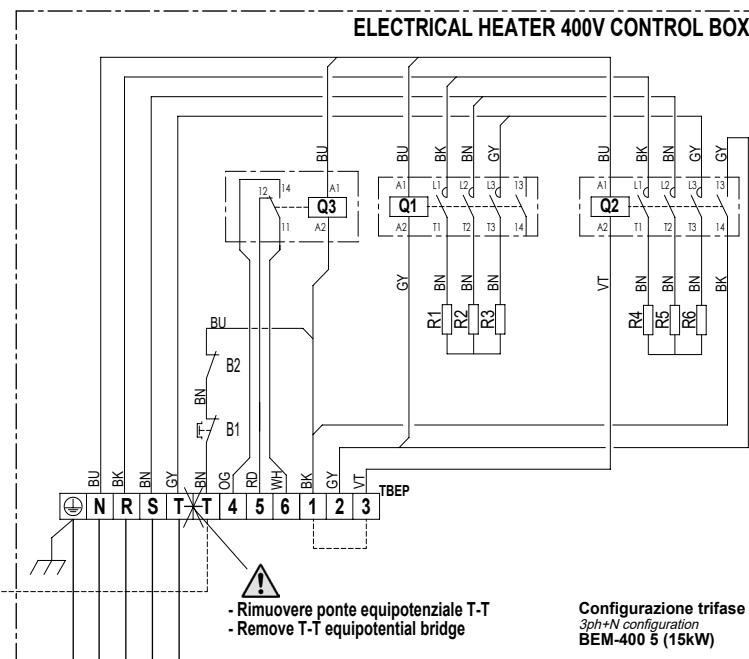
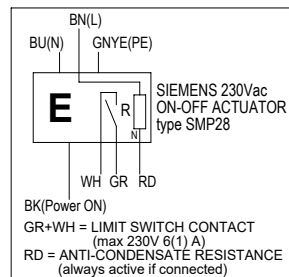
SE-0691-01

C

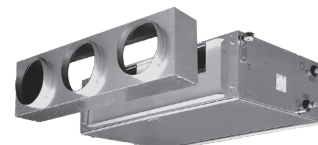
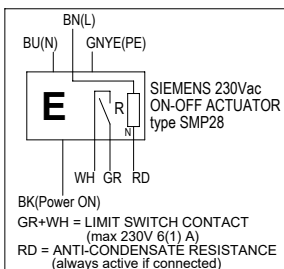
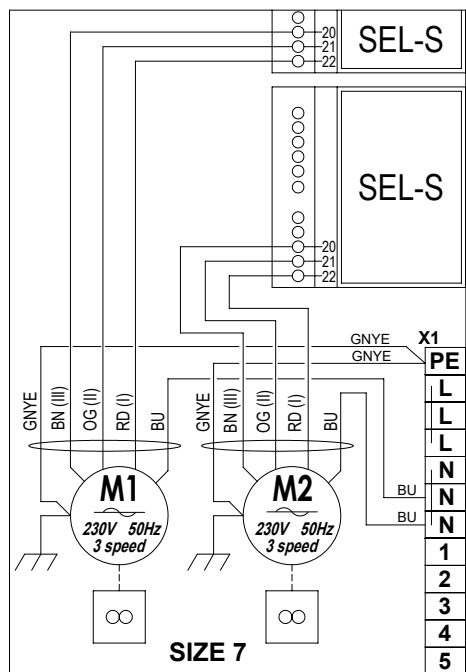


SE-0691-01

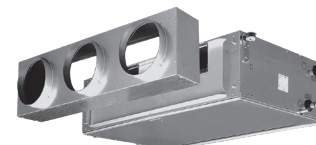
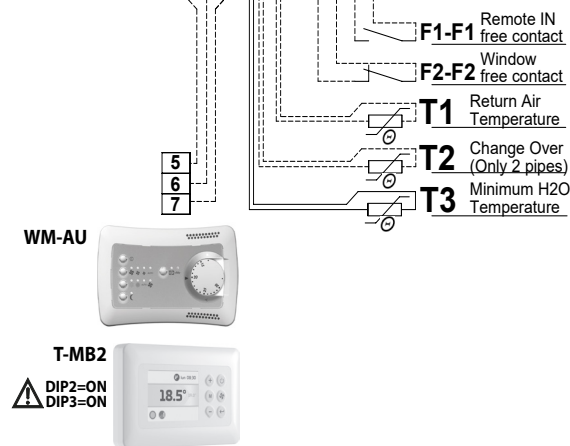
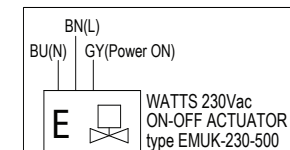
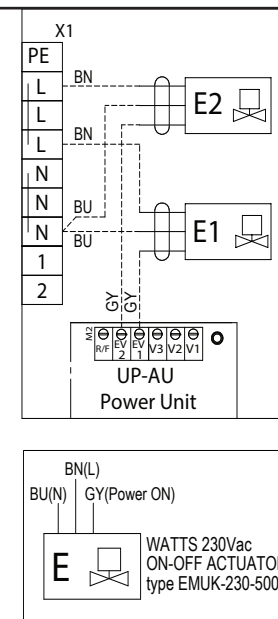
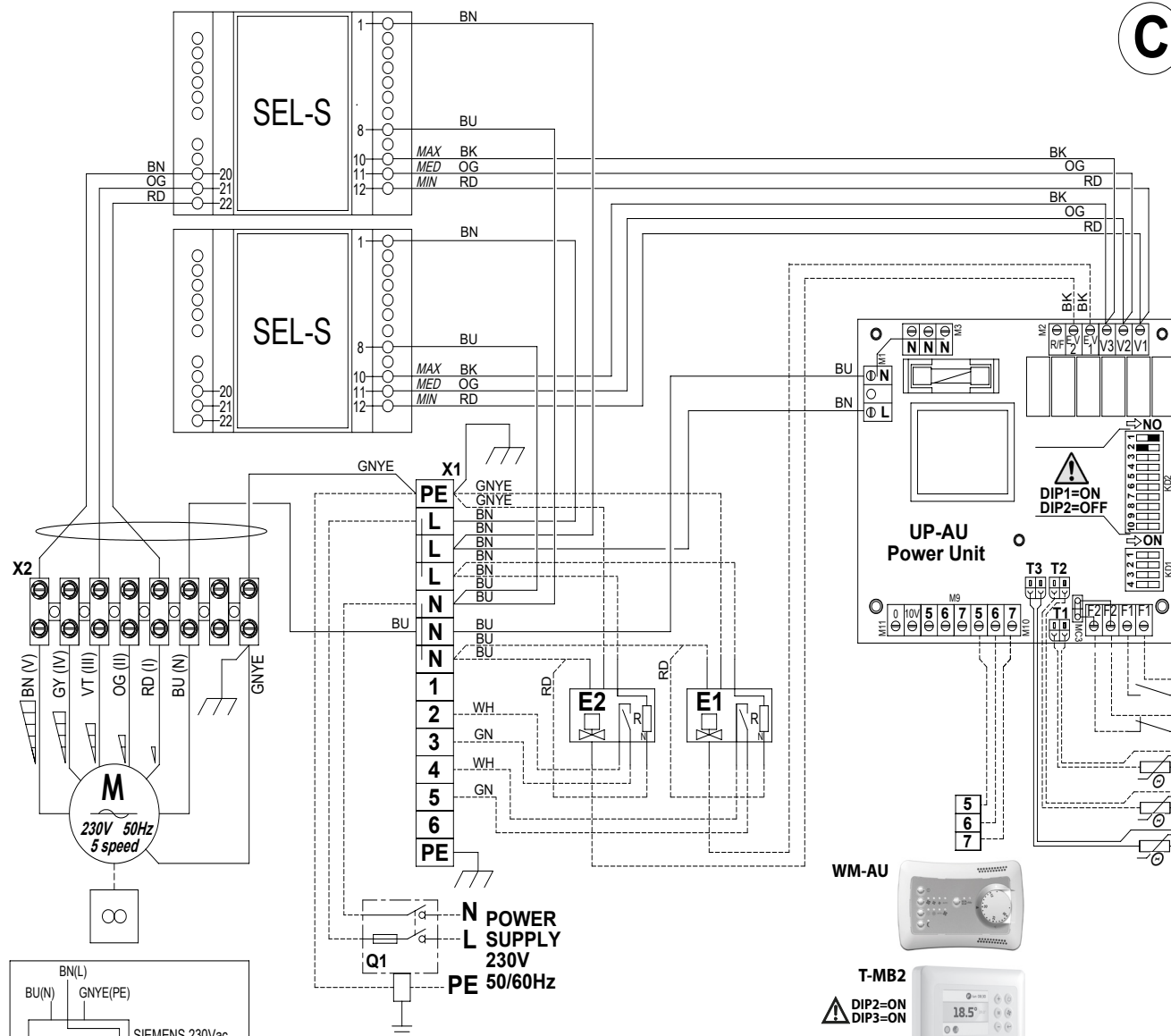
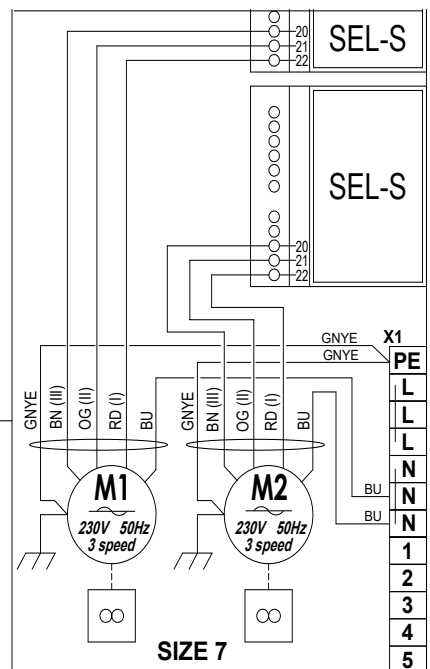
POWER SUPPLY
230V 50/60Hz
N L PE



SE-0691-02

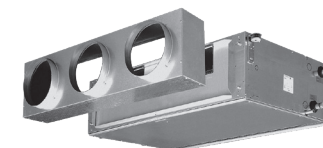
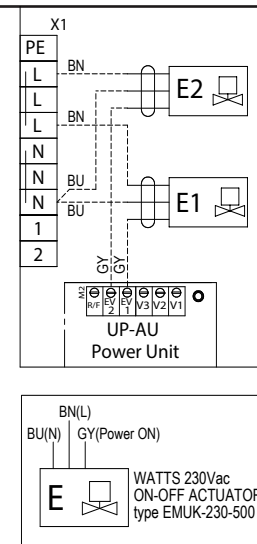
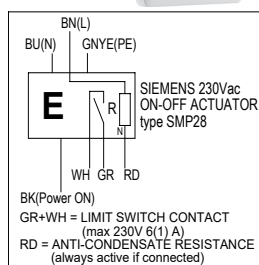


SE-0692-01



SE-0692-02

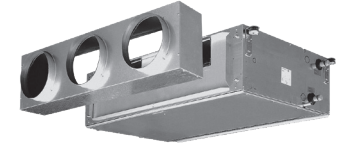
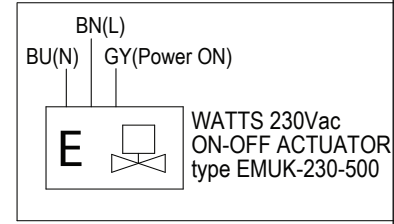
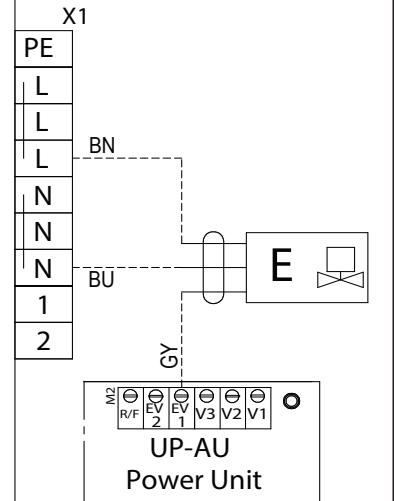
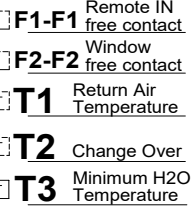
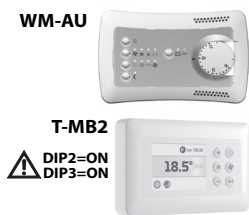
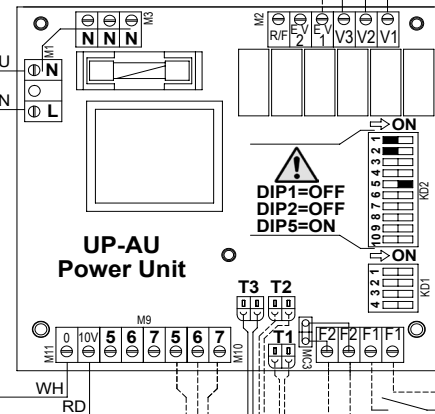
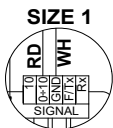
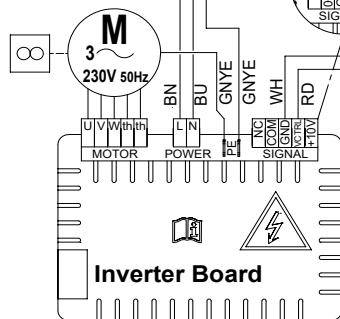
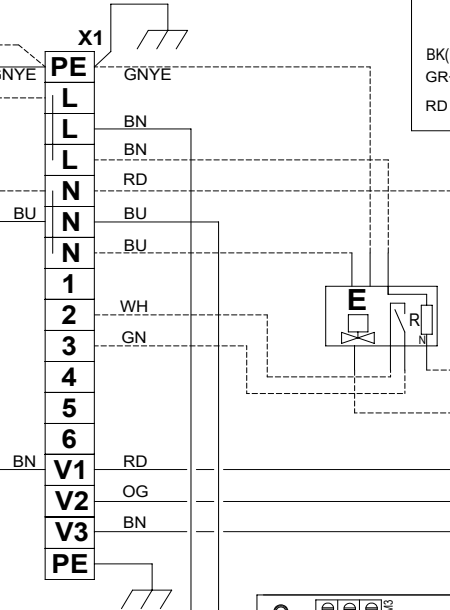
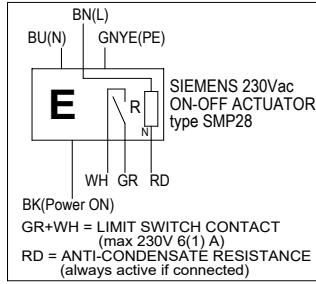
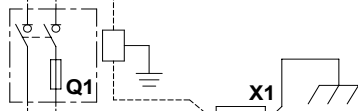
©



SE-0692-03

B

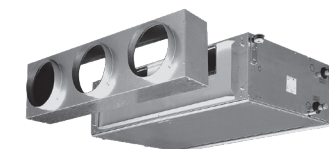
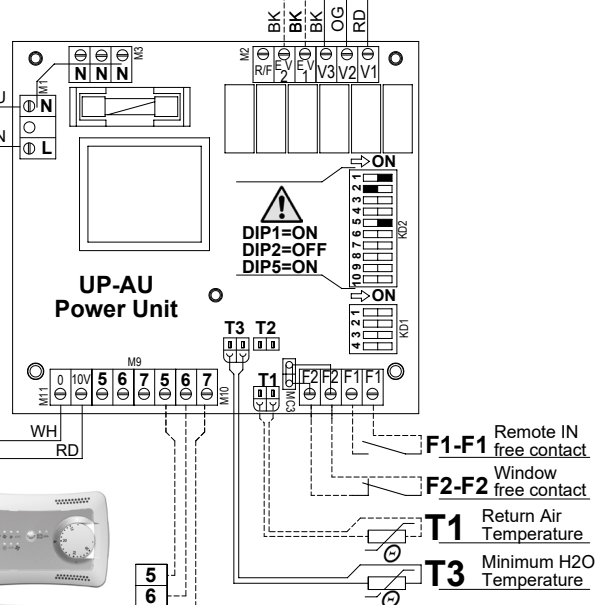
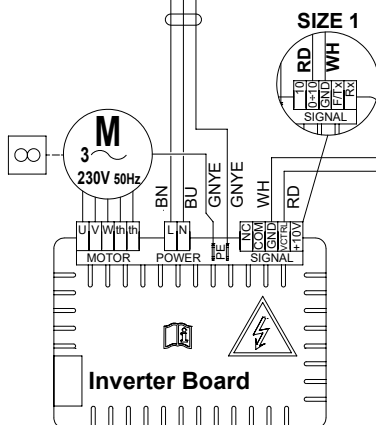
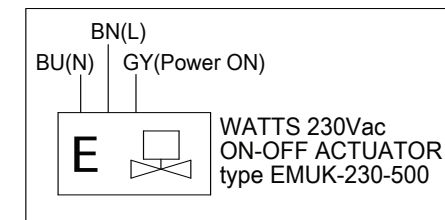
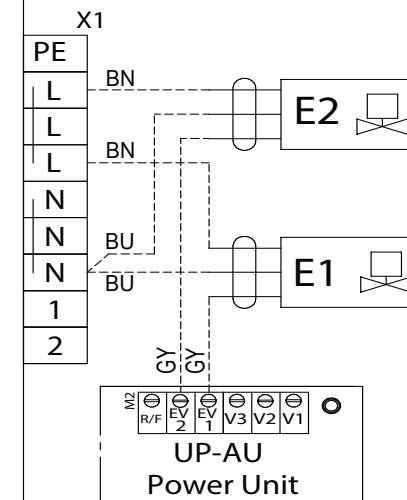
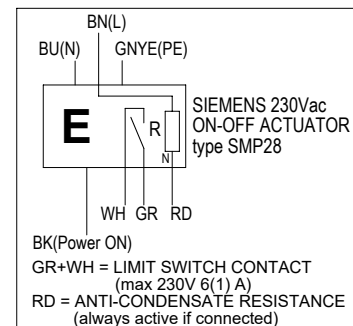
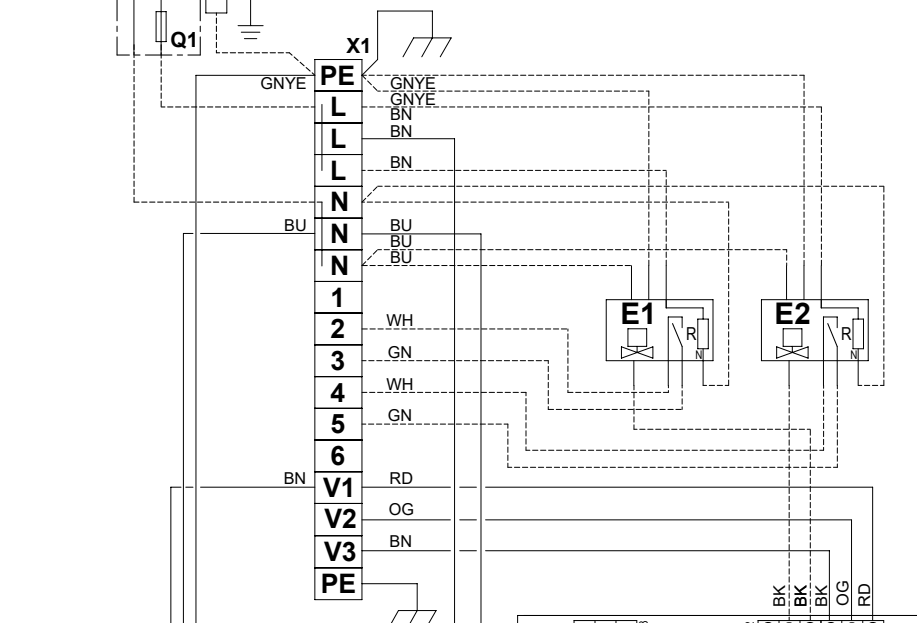
POWER SUPPLY
230V 50/60Hz
N L PE



SE-0691-03

C

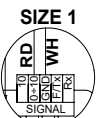
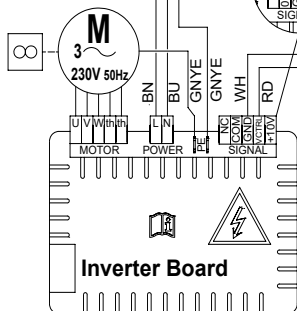
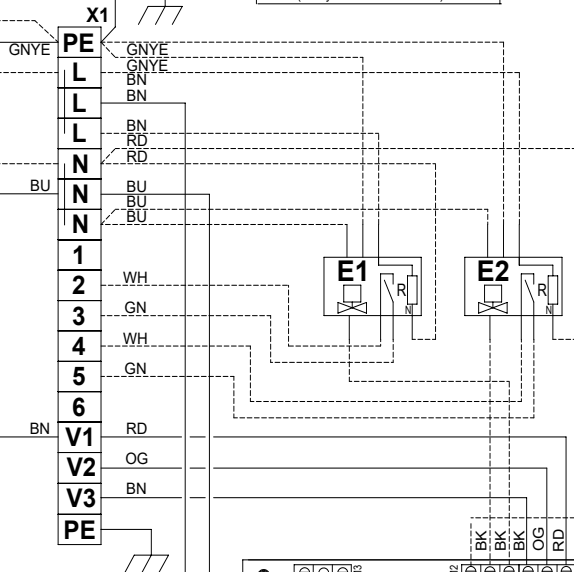
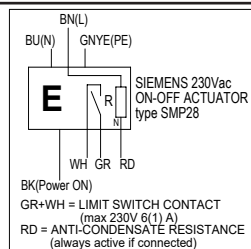
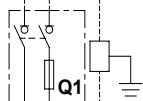
Power Supply
230V 50/60Hz
N L PE



SE-0691-03

C

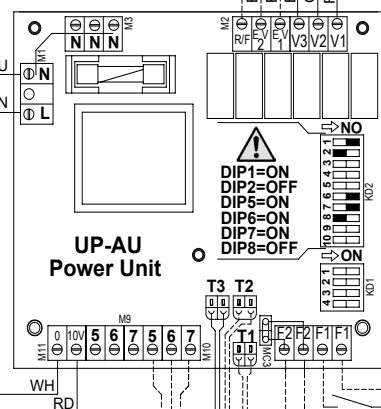
POWER SUPPLY
230V 50/60Hz
N L PE



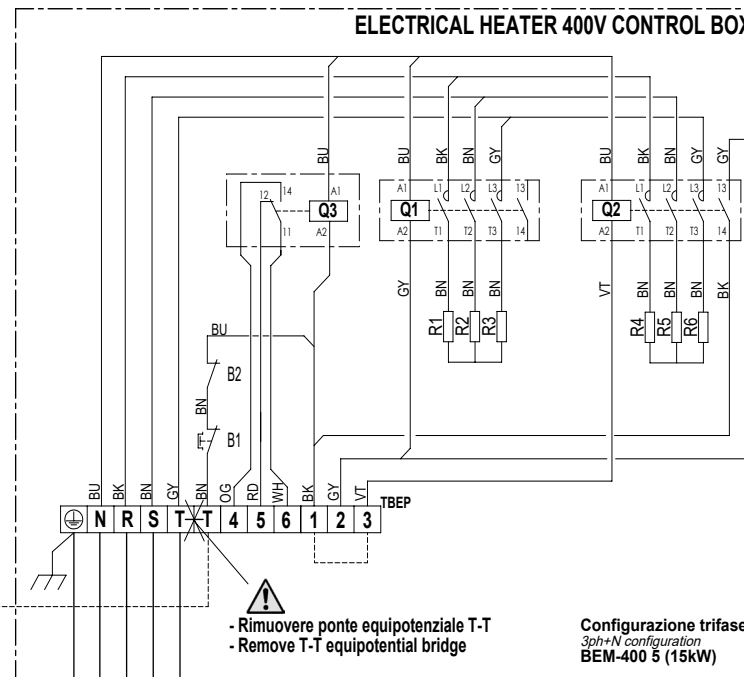
WM-AU



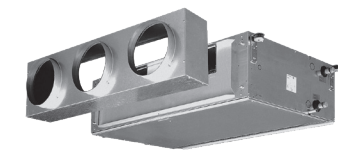
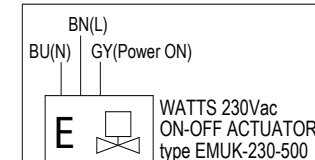
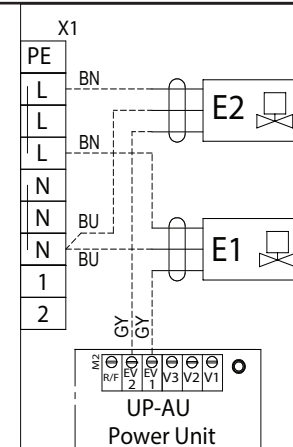
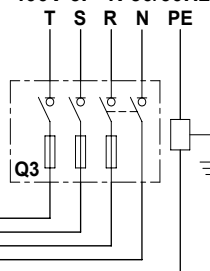
T-MB2
DIP2=ON
DIP3=ON



- F1-F1 Remote IN free contact
- F2-F2 Window free contact
- T1 Return Air Temperature
- T2 Change Over
- T3 Minimum H2O Temperature



POWER SUPPLY
400V 3P+N 50/60Hz
T S R N PE



SE-0691-04