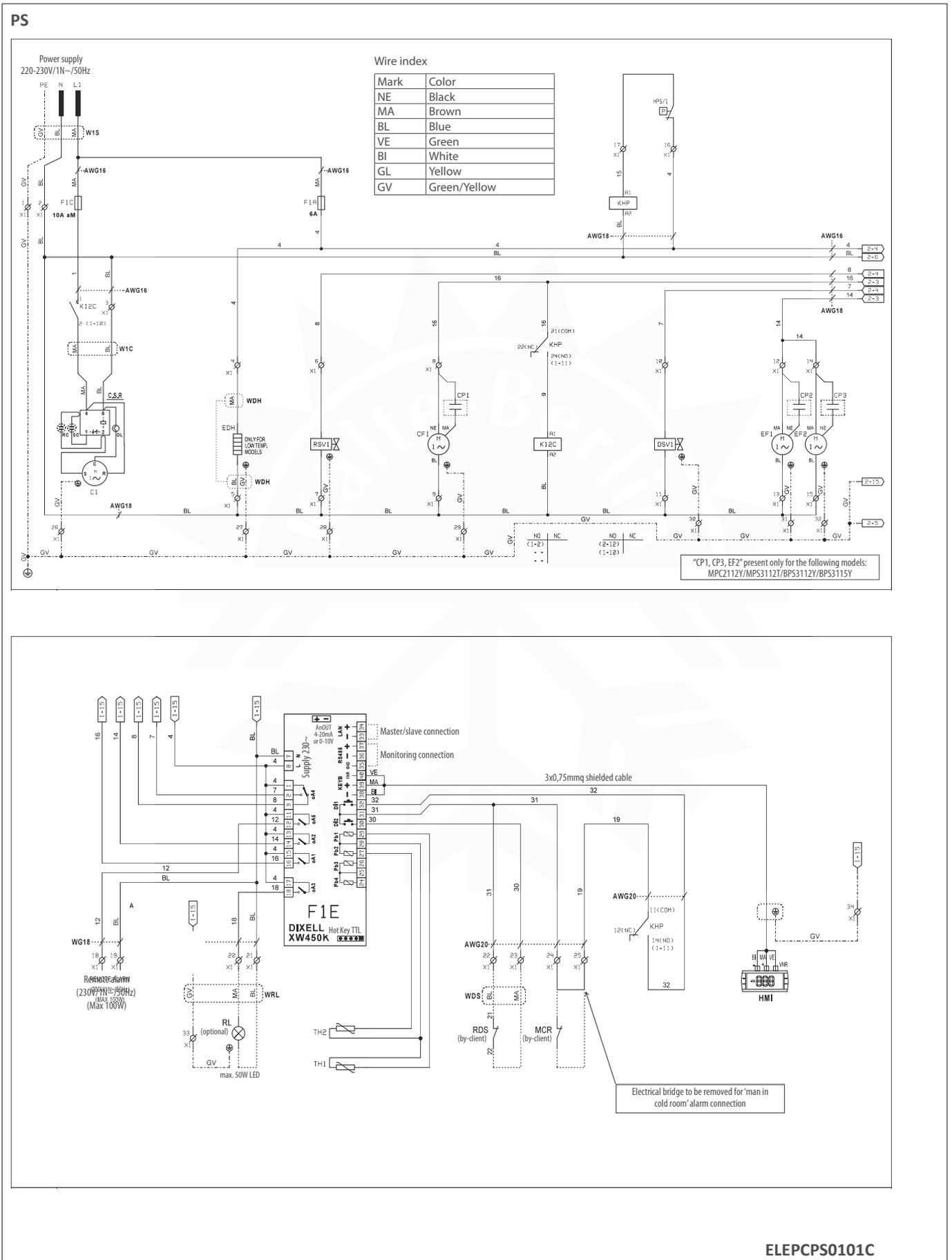


6 Wiring diagrams

6 - 1 Wiring Diagrams - Single Phase

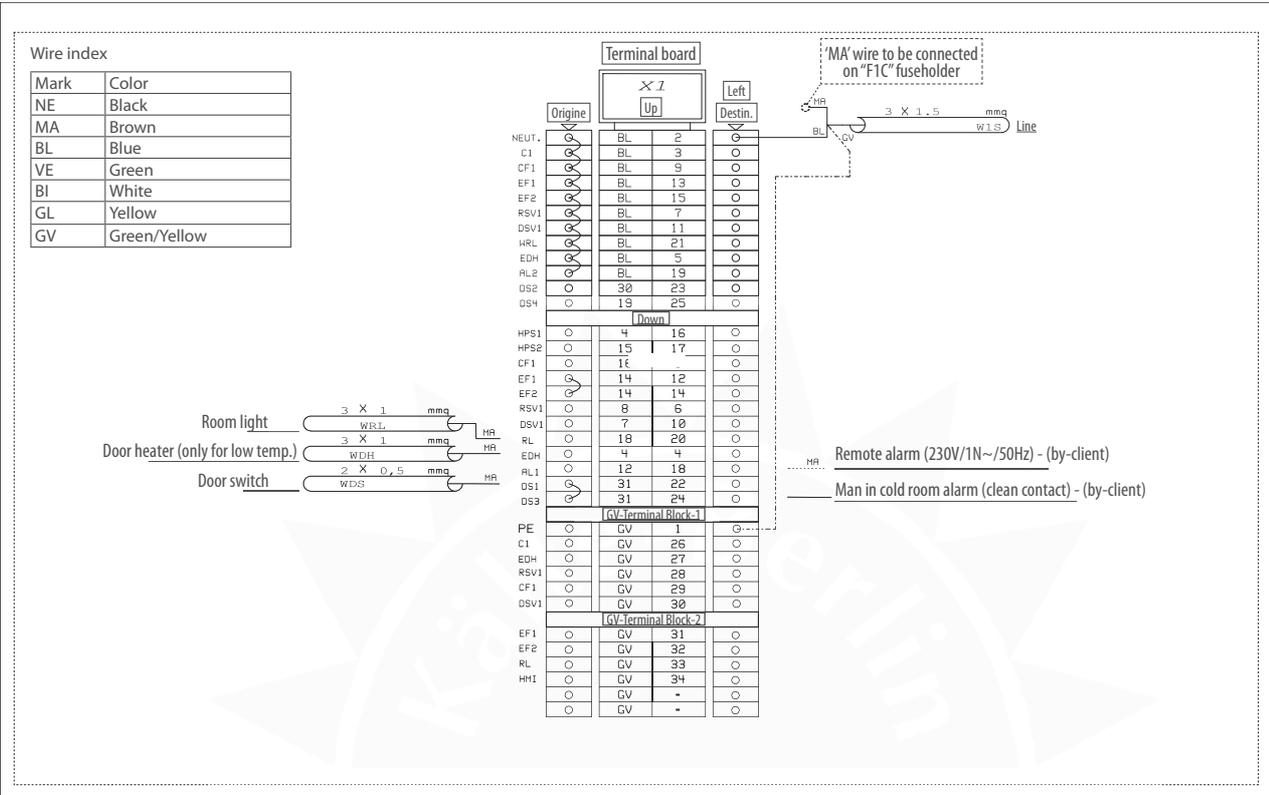


6 Wiring diagrams

6 - 1 Wiring Diagrams - Single Phase

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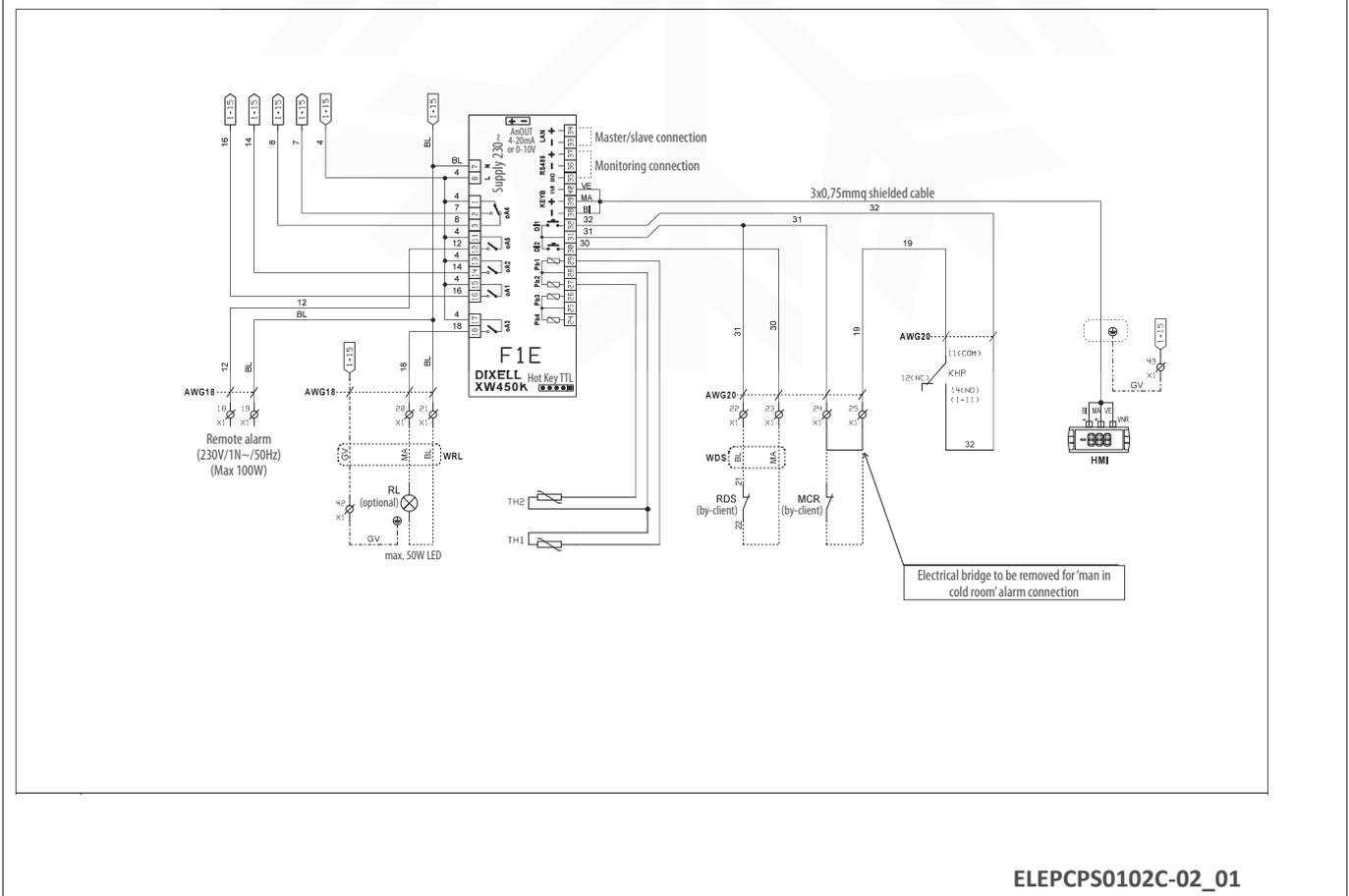
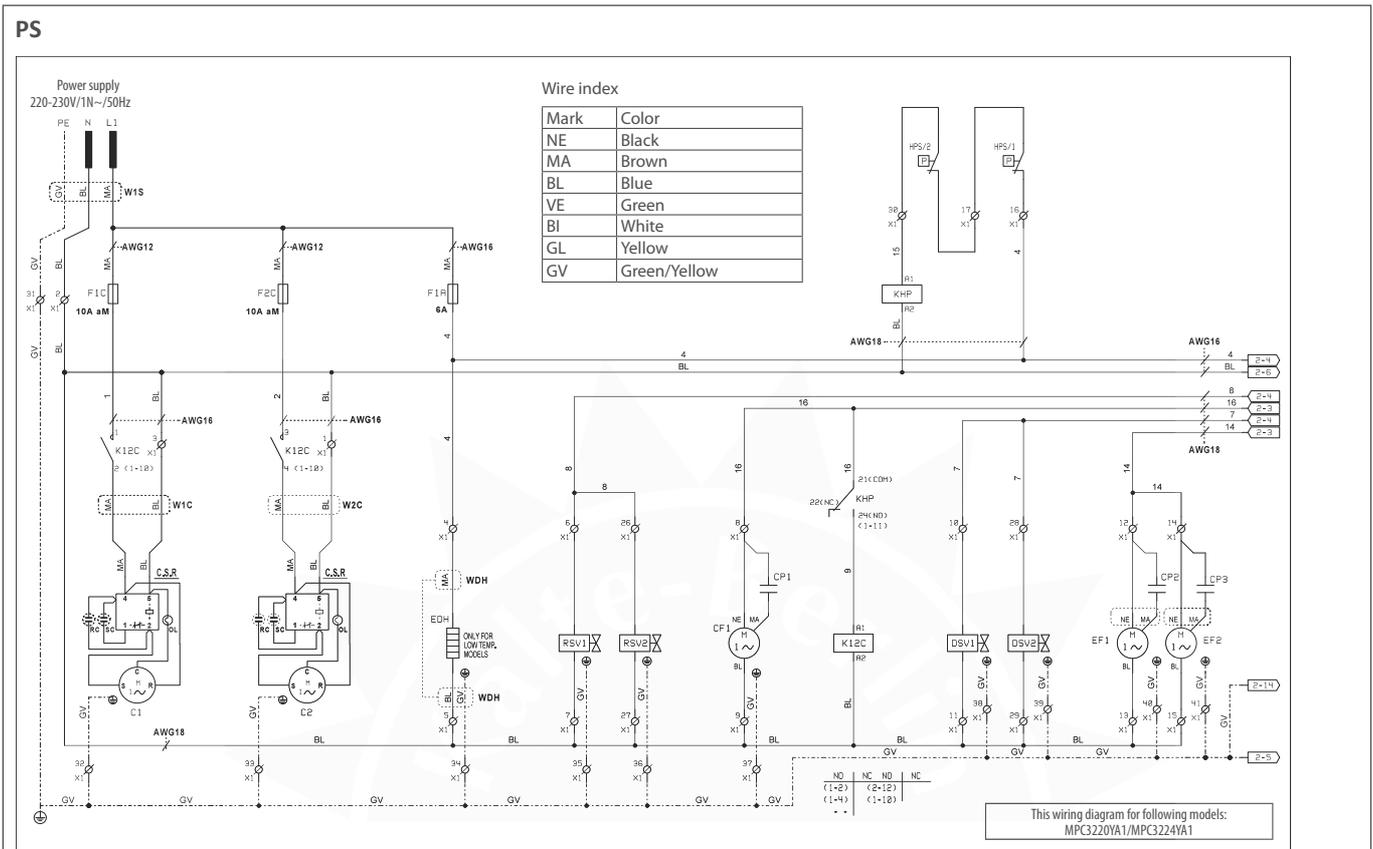
Device	Description
C1	Compressor 1
C.S.R.	Compressor starting kit
CF1	Condenser fan 1
CP1	Condensor fan 1 capacitor
CP3	Evaporator fan 1 capacitor
CP4	Evaporator fan 2 capacitor
DSV1	Defrost solenoid valve 1
EDH	Door heater
EF1	Evaporator fan 1
EF2	Evaproatore fan 2
F1C	Compressor 1 fuse
F1A	Auxiliary fuse
F1E	Control unit
HPS/1	High pressure switch 1
HMI	Human machine interface
K12C	Compressor 1 relay
KHP	High pressure switch relay
MCR	Man in cold room alarm
RSV1	Refrig. solenoid valve 1
RL	Room light (optional)
RDS	Room door switch
TH1	Ambient probe

Device	Description
TH2	Defrost probe
TH3	Condenser probe
W1S	Supply cable
W1C	Compressor 1 cable
WRL	Room light cable
WDS	Door switch cable

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6 Wiring diagrams

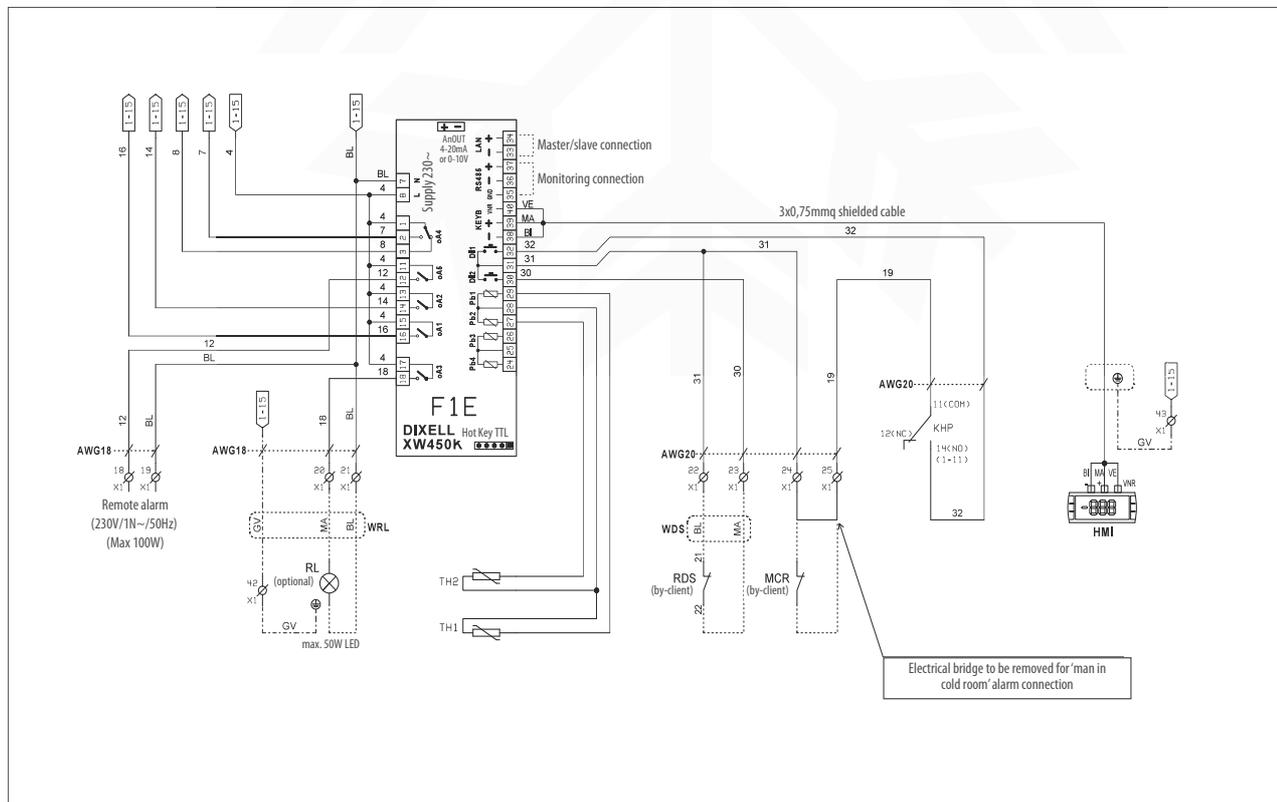
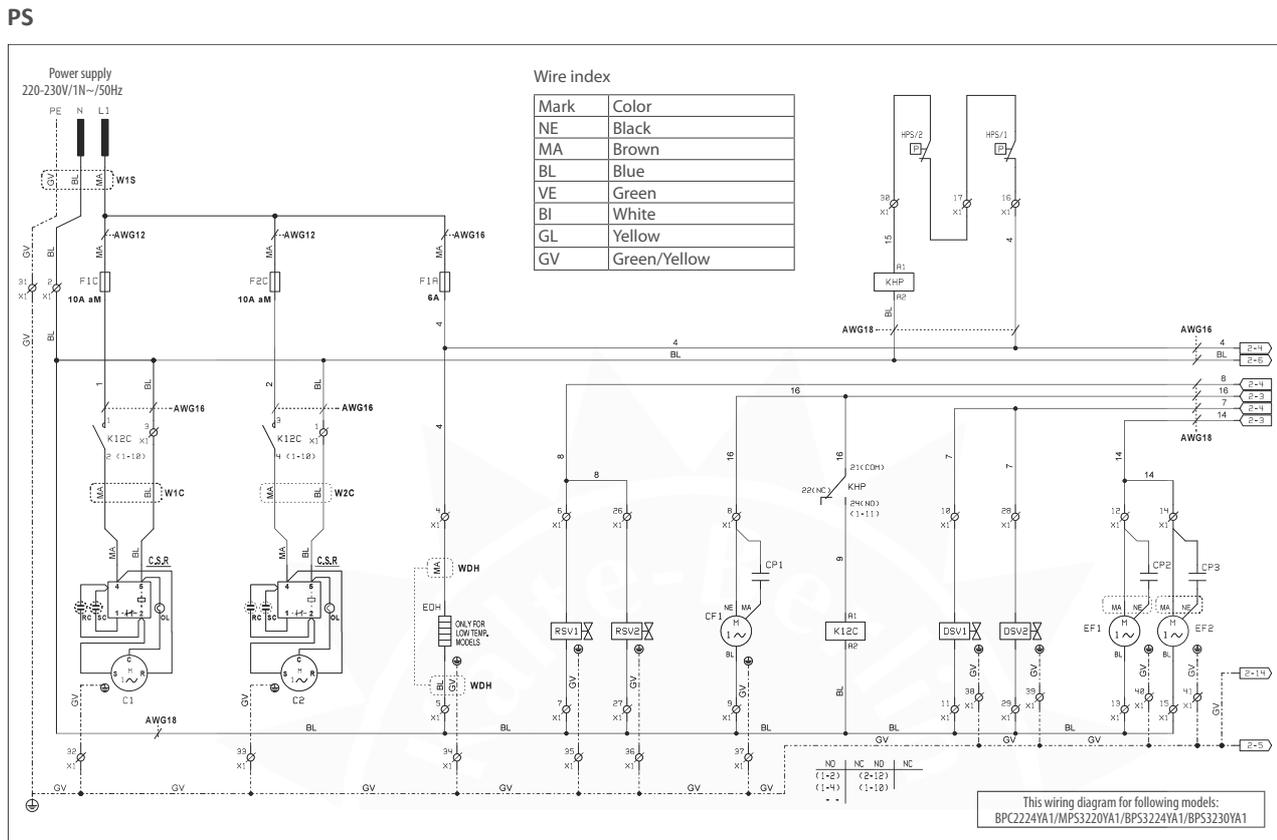
6 - 1 Wiring Diagrams - Single Phase



6 Wiring diagrams

6 - 1 Wiring Diagrams - Single Phase

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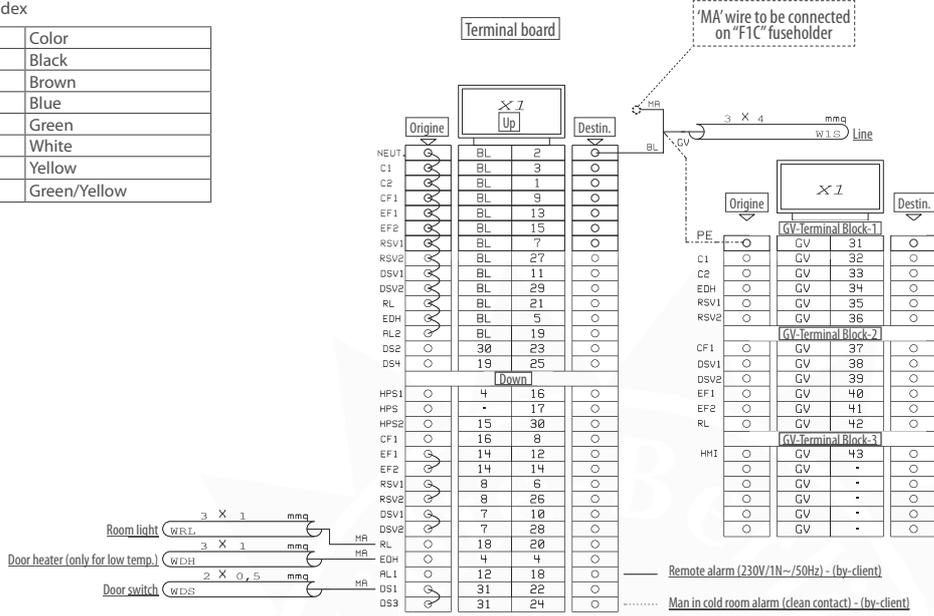
6 Wiring diagrams

6 - 1 Wiring Diagrams - Single Phase

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Wire index

Mark	Color
NE	Black
MA	Brown
BL	Blue
VE	Green
BI	White
GL	Yellow
GV	Green/Yellow



Device	Description
C1	Compressor 1
C2	Compressor 2
C.S.R.	Compressor starting kit
CF1	Condenser fan 1
CP1	Condenser fan 1 capacitor
CP3	Evaporator fan 1 capacitor
CP4	Evaporator fan 2 capacitor
DSV1	Defrost solenoid valve 1
DSV2	Defrost solenoid valve 2
EDH	Door heater
EF1	Evaporator fan 1
EF2	Evaproatore fan 2
F1C	Compressor 1 fuse
F2C	Compressor 2 fuse
F1A	Auxiliary fuse
F1E	Control unit
HPS/1	High pressure switch 1
HPS/2	High pressure switch 2
HMI	Human machine interface
K12C	Compressor 1-2 relay
KHP	High pressure switch relay
MCR	Man in cold room alarm

Device	Description
RSV1	Refrig. solenoid valve 1
RSV2	Refrig. solenoid valve 2
RL	Room light (optional)
RDS	Room door switch
TH1	Ambient probe
TH2	Defrost probe
TH3	Condenser probe
W1S	Supply cable
W1C	Compressor 1 cable
W2C	Compressor 2 cable
WRL	Room light cable
WDS	Door switch cable

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6 Wiring diagrams

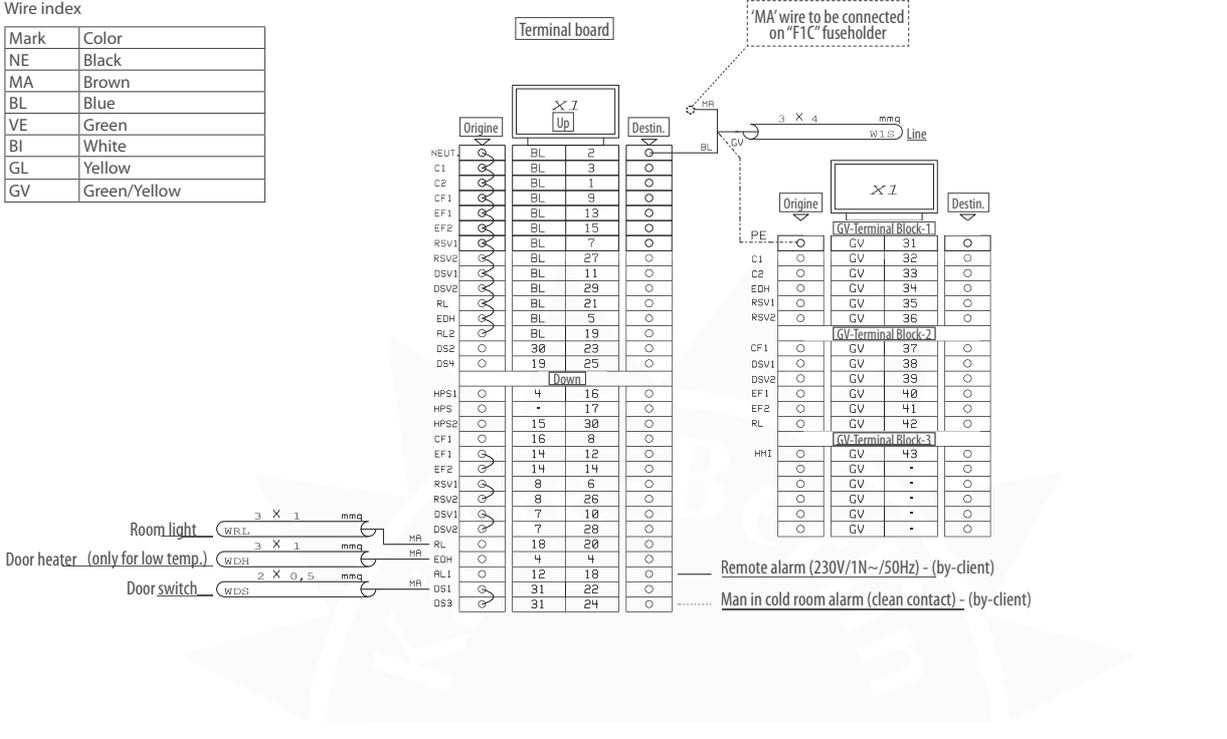
6 - 1 Wiring Diagrams - Single Phase

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6

Wire index

Mark	Color
NE	Black
MA	Brown
BL	Blue
VE	Green
BI	White
GL	Yellow
GV	Green/Yellow



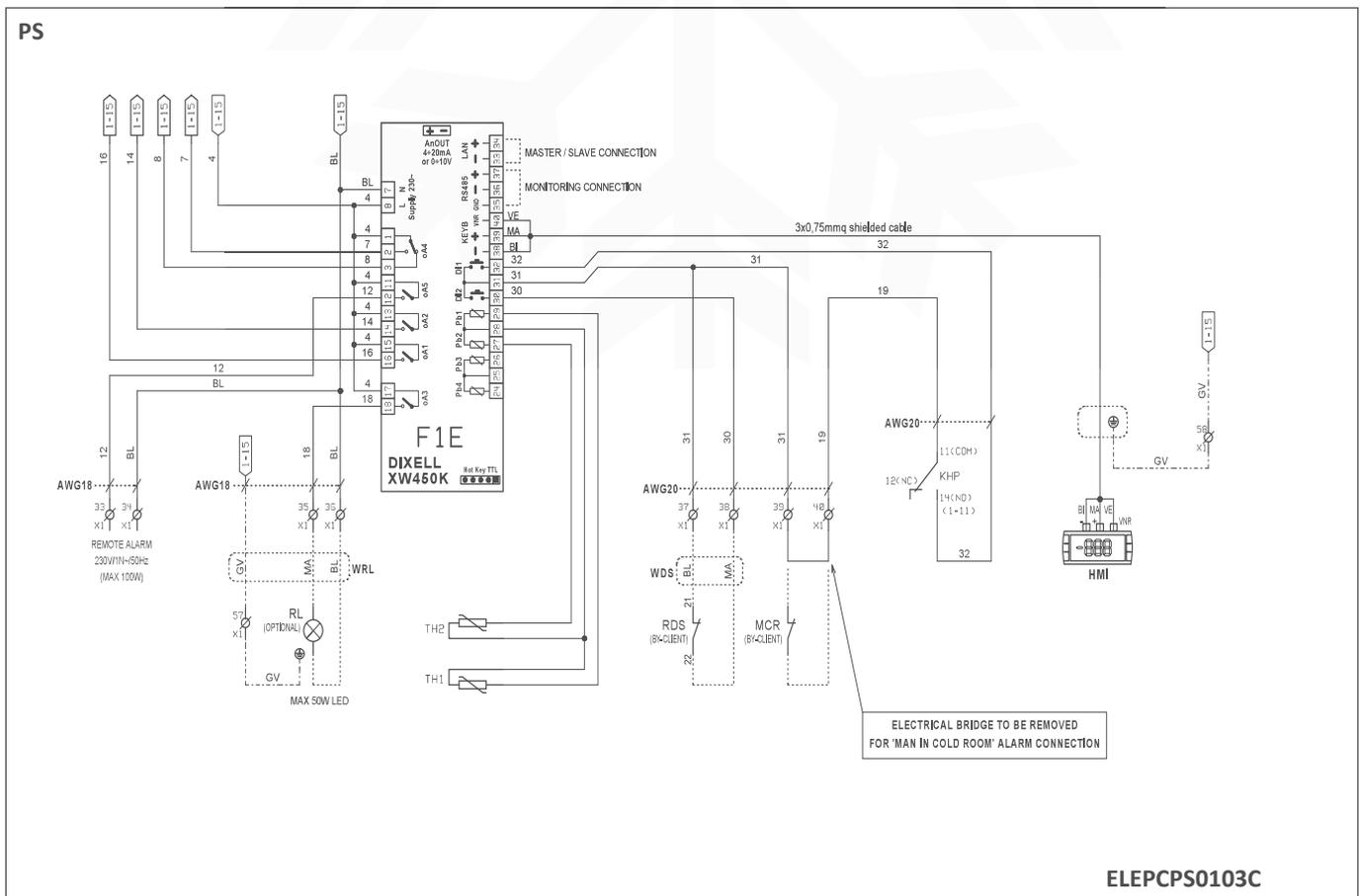
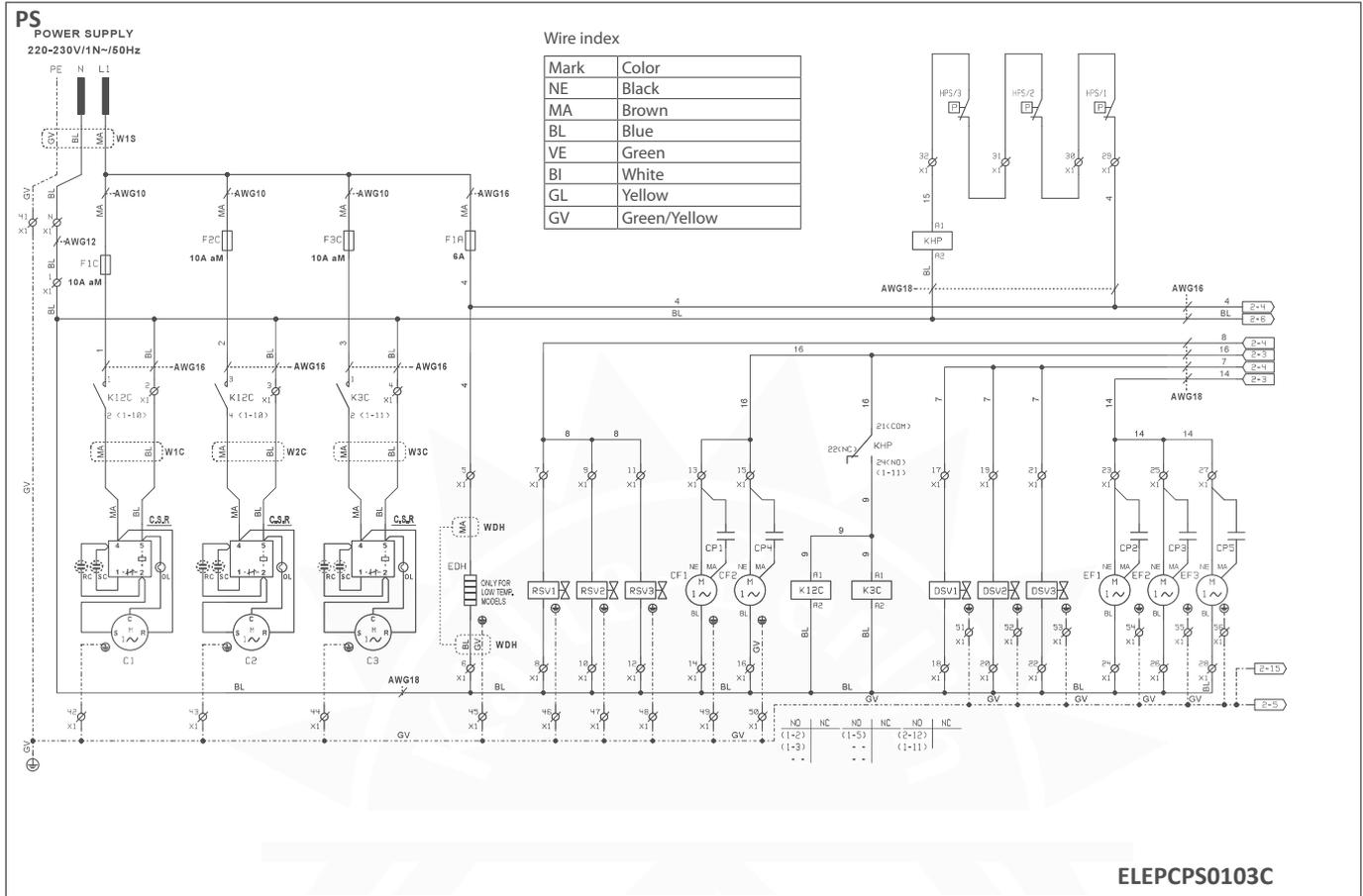
Device	Description
C1	Compressor 1
C2	Compressor 2
C.S.R.	Compressor starting kit
CF1	Condenser fan 1
CP1	Condensor fan 1 capacitor
CP3	Evaporator fan 1 capacitor
CP4	Evaporator fan 2 capacitor
DSV1	Defrost solenoid valve 1
DSV2	Defrost solenoid valve 2
EDH	Door heater
EF1	Evaporator fan 1
EF2	Evaproator fan 2
F1C	Compressor 1 fuse
F2C	Compressor 2 fuse
F1A	Auxiliary fuse
F1E	Control unit
HPS/1	High pressure switch 1
HPS/2	High pressure switch 2
HMI	Human machine interface
K12C	Compressor 1-2 relay
KHP	High pressure switch relay
MCR	Man in cold room alarm

Device	Description
RSV1	Refrig. solenoid valve 1
RSV2	Refrig. solenoid valve 2
RL	Room light (optional)
RDS	Room door switch
TH1	Ambient probe
TH2	Defrost probe
TH3	Condenser probe
W1S	Supply cable
W1C	Compressor 1 cable
W2C	Compressor 2 cable
WRL	Room light cable
WDS	Door switch cable

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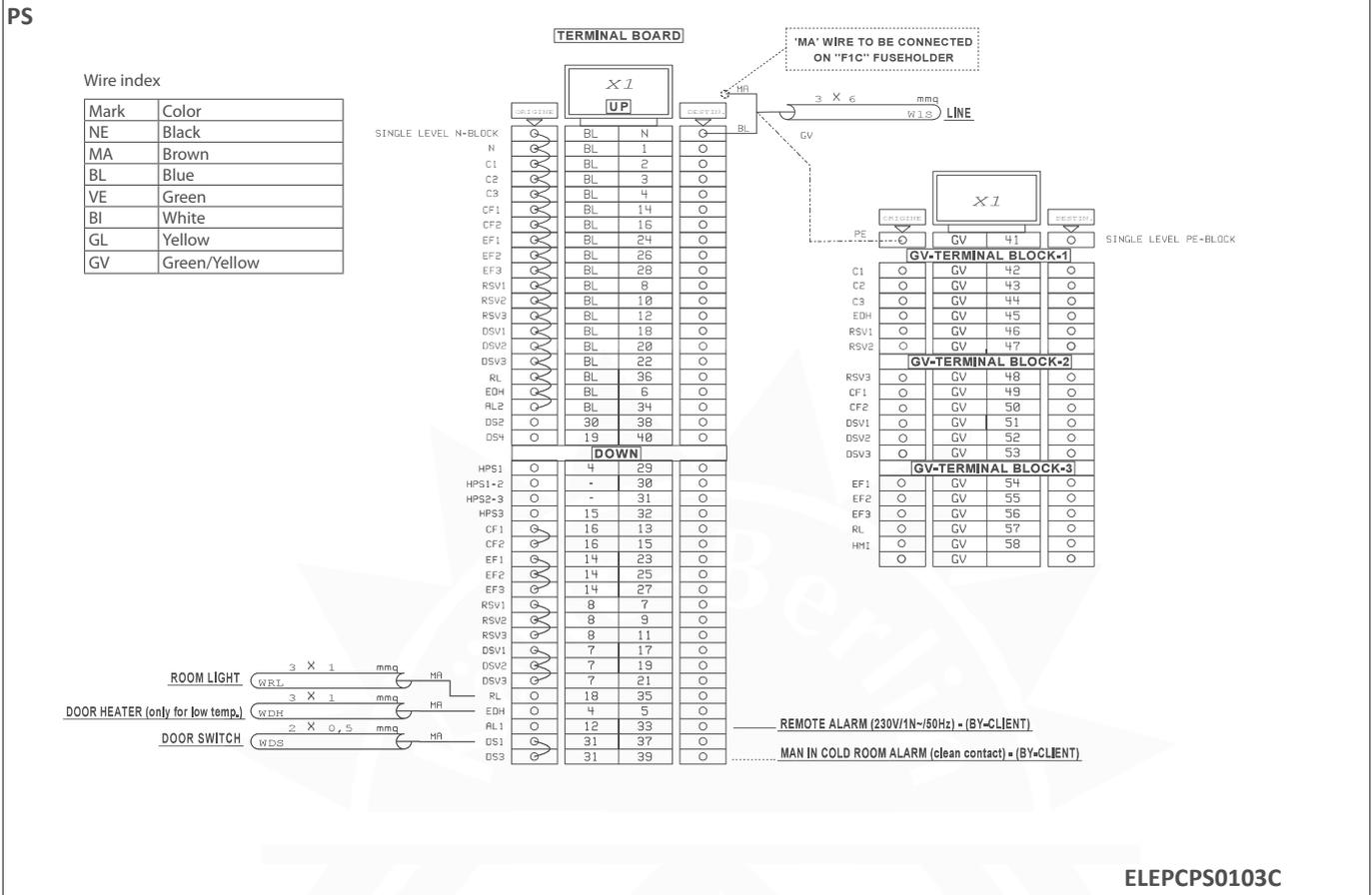
6 Wiring diagrams

6 - 1 Wiring Diagrams - Single Phase



6 Wiring diagrams

6 - 1 Wiring Diagrams - Single Phase



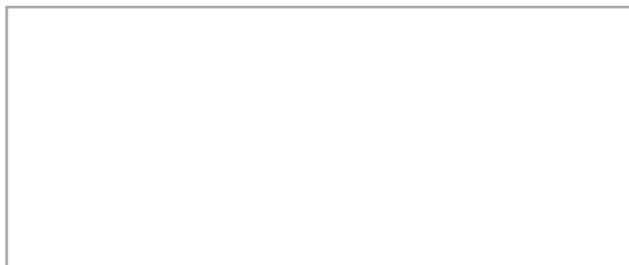
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DEVICE DISPOSIT.	DESCRIPTION / DESCRIZIONE	DEVICE DISPOSIT.	DESCRIPTION / DESCRIZIONE
C1	COMPRESSOR 1 / COMPRESSORE 1	HMI	HUMAN MACHINE INTERFACE
C2	COMPRESSOR 2 / COMPRESSORE 2	K12C	COMPRESSOR 1-2 RELAY / RELE' COMPRESSORE 1-2
C3	COMPRESSOR 3 / COMPRESSORE 3	K3C	COMPRESSOR 3 RELAY / RELE' COMPRESSORE 3
C,S,R.	COMPRESSOR STARTING KIT/KIT AVVIAMENTO COMPRESSORE	KHP	HIGH PRESSURE SWITCH RELAY / RELE' PRESSOSTATO ALTA PRESSIONE
CF1	CONDENSER FAN 1 / VENTOLA CONDENSATORE 1	MCR	MAN IN COLD ROOM ALARM / ALLARME UOMO IN CELLA
CF2	CONDENSER FAN 2 / VENTOLA CONDENSATORE 2	RL	ROOM LIGHT (OPTIONAL) / LUCE CELLA (OPZIONALE)
CP1	CONDENSER FAN1 CAPACITOR / CONDENSATORE VENTOLA 1 CAPACITA'	RDS	ROOM DOOR SWITCH / MICRO PORTA (BY-CLIENT)
CP4	CONDENSER FAN2 CAPACITOR / CONDENSATORE VENTOLA 2 CAPACITA'	RSV1	REFRIG. SOLENOID VALVE 1 / REFRIGER, VALVOLA SOLENOIDE 1
CP2	EVAPORATOR FAN1 CAPACITOR / EVAPORATORE VENTOLA 1 CAPACITA'	RSV2	REFRIG. SOLENOID VALVE 2 / REFRIGER, VALVOLA SOLENOIDE 2
CP3	EVAPORATOR FAN2 CAPACITOR / EVAPORATORE VENTOLA 2 CAPACITA'	RSV3	REFRIG. SOLENOID VALVE 3 / REFRIGER, VALVOLA SOLENOIDE 3
CP5	EVAPORATOR FAN3 CAPACITOR / EVAPORATORE VENTOLA 3 CAPACITA'	TH1	AMBIENT PROBE / SONDA AMBIENTE
DSV1	DEFROST SOLENOID VALVE 1 / VALVOLA SOLENOIDE DI SABRINAMENTO 1	TH2	DEFROST PROBE / SONDA SBRINAMENTO
DSV2	DEFROST SOLENOID VALVE 2 / VALVOLA SOLENOIDE DI SABRINAMENTO 2	WDS	DOOR SWITCH CABLE / CAVO MICRO PORTA
DSV3	DEFROST SOLENOID VALVE 3 / VALVOLA SOLENOIDE DI SABRINAMENTO 3	W1S	SUPPLY CABLE / CAVO DI ALIMENTAZIONE
EDH	DOOR HEATER / RESISTENZA PORTA	W1C	COMPRESSOR 1 CABLE / CAVO COMPRESSORE 1
EF1	EVAPORATOR FAN 1 / VENTOLA EVAPORATORE 1	W2C	COMPRESSOR 2 CABLE / CAVO COMPRESSORE 2
EF2	EVAPORATOR FAN 2 / VENTOLA EVAPORATORE 2	W3C	COMPRESSOR 3 CABLE / CAVO COMPRESSORE 3
EF3	EVAPORATOR FAN 3 / VENTOLA EVAPORATORE 3	WRL	ROOM LIGHT CABLE / CAVO LUCE CELLA
F1C	COMPRESSOR1 FUSE / FUSIBILE COMPRESSORE1		
F2C	COMPRESSOR2 FUSE / FUSIBILE COMPRESSORE2		
F3C	COMPRESSOR3 FUSE / FUSIBILE COMPRESSORE3		
F1A	AUXILIARY FUSE / FUSIBILE AUSILIARIO		
F1E	CONTROL UNIT / UNITA' DI CONTROLLO		
HPS/1	HIGH PRESSURE SWITCH 1 / PRESSOSTATO ALTA PRESSIONE 1		
HPS/2	HIGH PRESSURE SWITCH 2 / PRESSOSTATO ALTA PRESSIONE 2		
HPS/3	HIGH PRESSURE SWITCH 3 / PRESSOSTATO ALTA PRESSIONE 3		

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03/2025



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