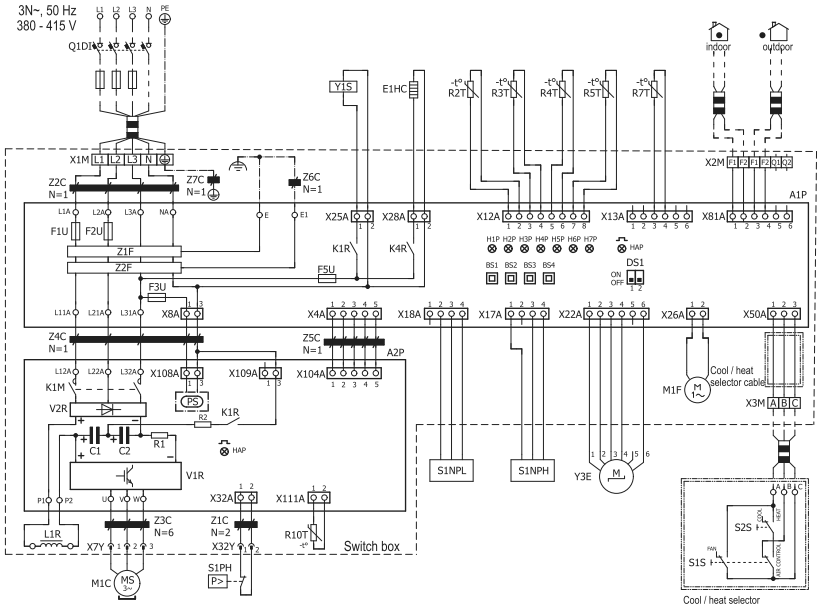
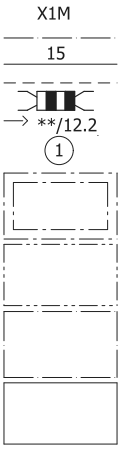
9 Wiring diagrams

9 - 2 Wiring Diagrams - Three Phase

RKXYQ5T8

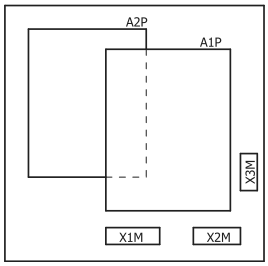


NOTES to go through before starting the unit

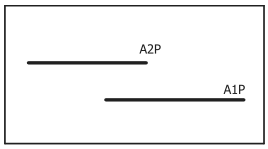


- X1M : Main terminal
- : Earth wiring
- 15 : Wire number 15
- : Field wire
- : Field cable
- **/12.2 : Connection ** continues on page 12 column 2
- 1 : Several wiring possibilities
- : Option
- : Wiring depending on model
- : Not mounted in switch box
- : PCB

POSITION IN SWITCH BOX



Front side



Upper side

LEGEND

Part n°		Description
A1P		main PCB
A2P		inverter PCB (INV)
BS* (A1P)		push button
C* (A2P)		capacitor
DS1 (A1P)		dipswitch
E1HC		crankcase heater
F1U (A1P)		fuse T 31,5 A 250 V for PCB
F2U (A1P)		fuse T 31,5 A 250 V for PCB
F3U (A1P)		fuse T 6,3 A 250 V for PCB
F5U (A1P)		fuse T 6,3 A 250 V for PCB
H*P (A1P)		LED (service monitor-orange)
HAP (A*P)		running LED (service monitor-green)
K1M (A2P)		magnetic contactor
K1R (A*P)		magnetic relay
K4R (A1P)		magnetic relay (E1HC)
L1R		reactor
M1C		motor (compressor)
M1F		motor (FAN)
PS (A2P)		switching power supply
Q1DI		earth leakage circuit breaker
R* (A2P)		resistor
R2T		thermistor (discharge)

Part n°		Description
R3T		thermistor (suction accumulatior)
R4T		thermistor (subcool HE gas)
R5T		thermistor (suction compressor)
R7T		thermistor (liquid)
R10T		thermistor (fin)
S1NPL		pressure sensor (low)
S1NPH		pressure sensor (high)
S1PH		high pressure switch
S*S	*	switch cool/heat selector
V1R (A2P)		IGBT power module
V2R (A2P)		diode module
X1M		terminal strip (power supply)
X2M		terminal strip (low voltage)
X3M		terminal strip (cool/heat selector)
X*Y		connector
Y1S		solenoïd valve (4 way valve)
Y3E		electronic expansion valve
Z*C		noise filter (ferrit core)
Z*F (A1P)		noise filter

* : optional
\# : field supply

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