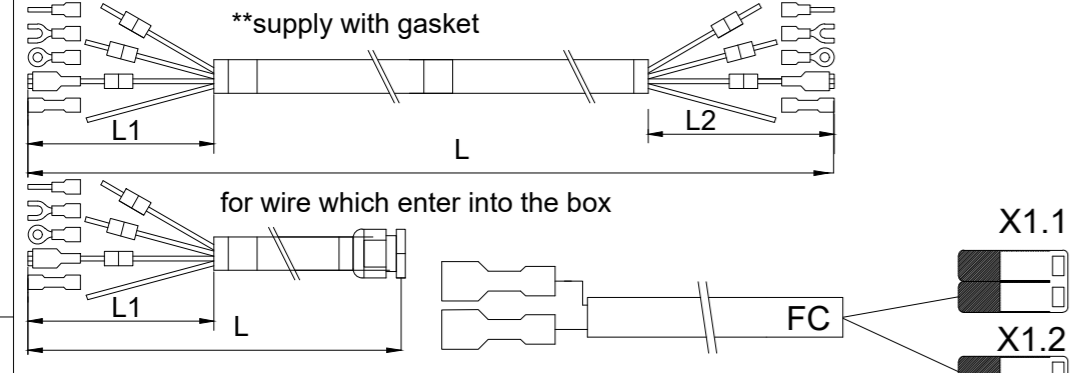
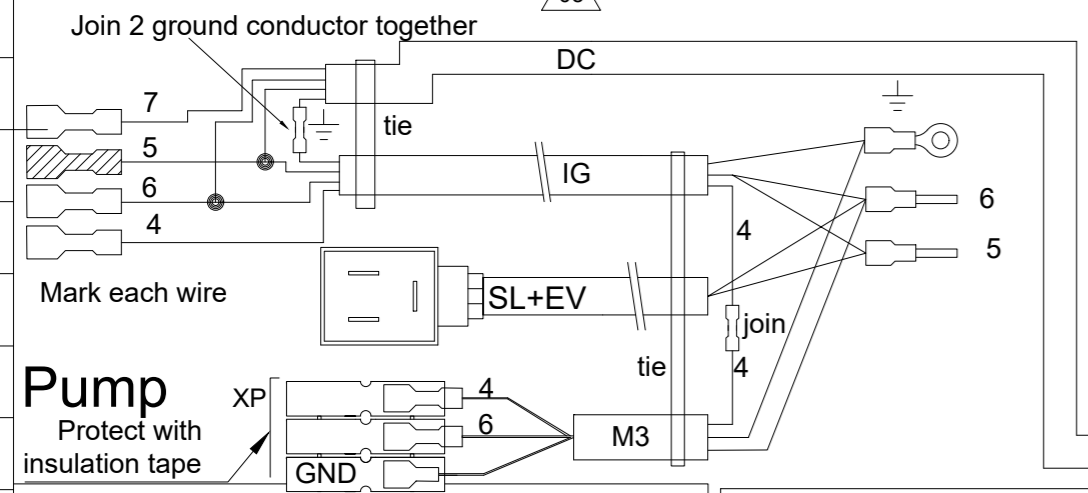


1	2	3	4	5			
CABLE BILL OF MATERIALS	L mm	CABLE TYPE	L1 mm	TERMINAL TYPE SIDE L1	L2 mm	TERMINAL TYPE SIDE L2	NOTES
MAIN SUP. 2205044901 T15	4000	3X14AWG	L1 BLACK1, L2 BLACK2: -	PLUG NEMA 5-15P	80mm - GND 120mm	2x BF-P10 + GND S6-M6	LISTED SJ, SJT, SJTO, SJOOW, SJTOW
MAIN SUP. 2205044902 T25-35	4000	3X12AWG	L1 BLACK1, L2 BLACK2: -	PLUG NEMA 5-15P	80mm - GND 120mm	2x GF-P10 + GND S6-M6	LISTED SJ, SJT, SJTO, SJOOW, SJTOW
MAIN SUP. 2205044903 T50	4000	3X12AWG	L1 BLACK1, L2 BLACK2: -	PLUG NEMA 5-20P	80mm - GND 120mm	2x GF-P10 + GND S6-M6	LISTED SJ, SJT, SJTO, SJOOW, SJTOW
SOLENOID VALVE SL+EV	2100	2X18AWG	-	43650/B **	IG side: 5-6 80mm;	-	-
IG to XR	650	4X14AWG	80mm	DC side: 4 BF-F608P; 5-6 GF-F608P	IG side: 4-5-6 90mm; GND 110mm	5-6 GF-P10 + 4 PL06-M + GND S6-M6	-
MOTOR M3 pump	450	3x14AWG	Pump side: 50mm 4-6-GND	4-6: BF-F608P GND: 160831-3	IG side: 80mm 4-6 110mm GND	-	-
DC Digital controller	1900	4x14AWG	80mm 5-6-7; 40mm GND	5-6 GF-F608P (see IG); 7 BF-F608P	-	-	-
T15 cod 2205044901 MOTOR M1-2 comp-fan	650	3x14AWG	-	-	1-N-GND 100mm;	1-N BF-F608P GND 928960-7	STYLE 2587 OR 2550 OR 21098 OR 21216 OR ECQUIVALENT
T25-35 cod 2205044902 MOTOR M1 compressor	650	3x14AWG	-	-	1-N 80mm; GND 100mm;	1-N 2xBN-FAB608 + 2xCAFAB600 GND BF-M4	-
T50 cod 2205044903 MOTOR M1 compressor	800	3x14AWG	-	-	1-N 80mm; GND 100mm;	1-N BF-F608 GND 928960-7	-
T25-35 cod 2205044902 T50 cod 2205044903 MOTOR M2 fan	1100	3x14AWG	-	-	11-12-GND 50mm	BF-F608P	-
Free contact FC	600	2x18AWG	80mm	RF-F608P	80mm	X1.1-X1.2	-
INTERNAL WIRINGS wirer 8-10 only	-	-	-	-	-	-	STYLE 1015



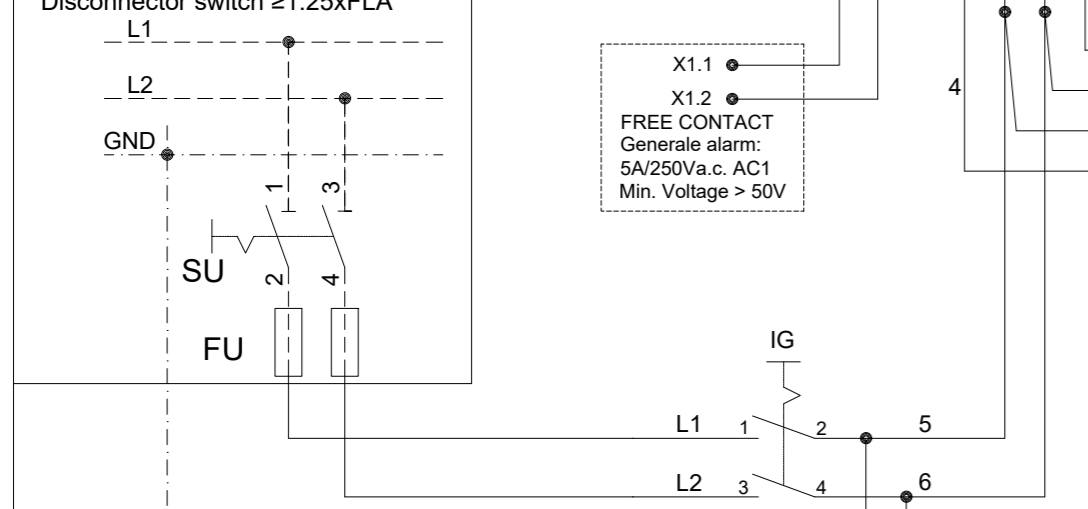
NOTE:  
 - All wires shall be marked with identification tag.  
 - All components shall be marked with identification tag.  
 - Wire harness shall be UL certified according to CCN ZPFW2-ZPFW8  
 - Print the DIAGRAM SERVICE in A3 format



COMPULSORY INSTALLATION AT CUSTOMER CARE.  
 Disconnect switch (SU) + time delay fuses (FU)

Supply	FLA	Largest motor FLA	J or RK5 fuses See Fuses table
T15 115V/60Hz	4.4	3.1	5
T25 115V/60Hz	10.2	8.7	12
T35 115V/60Hz	10.2	8.7	12
T50 115V/60Hz	12.9	10.9	20

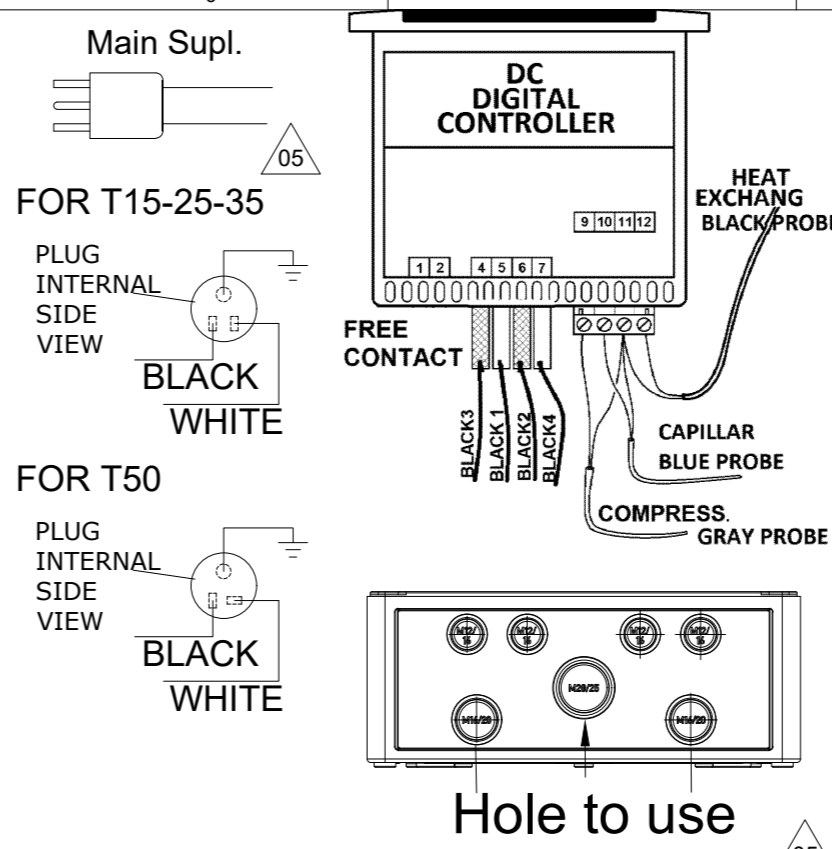
Disconnecter switch  $\geq 1.25 \times \text{FLA}$



FUSES TABLE

Size	J type	FRN type	RK5 type	RK5 type
T15	LPJ-55P	FRN-R5	FRS-R-5	
T25-35	LPJ-125P	FRN-R12	FRS-R-12	
T50	LPJ-205P	FRN-R20	FRS-R-20	

5 Modified M3 cable len, added NEMA plug. CID28908 DN24054120 7/8/2024 CAlebarban



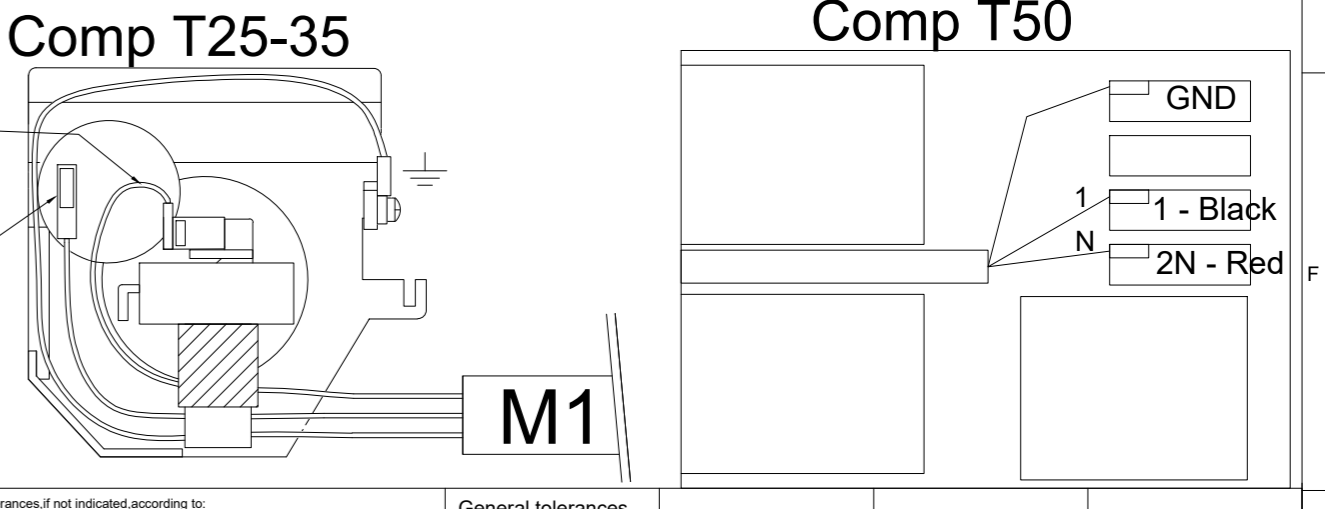
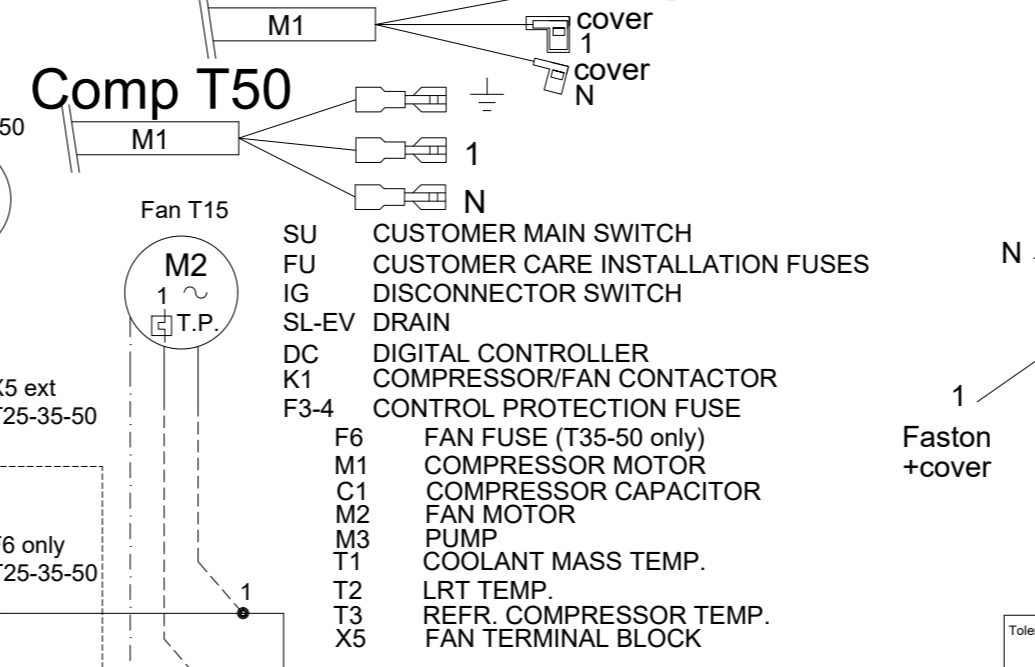
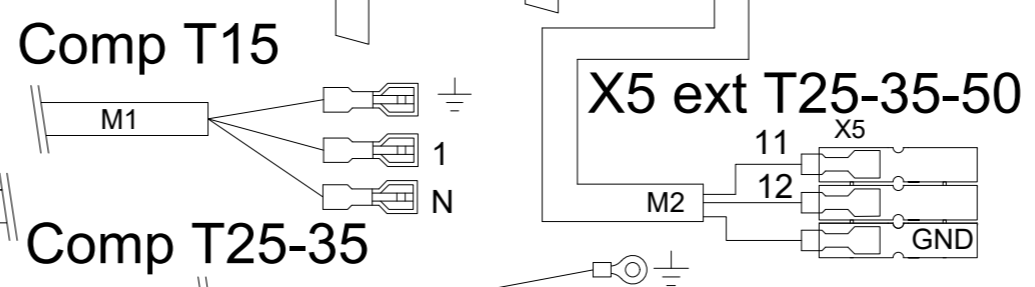
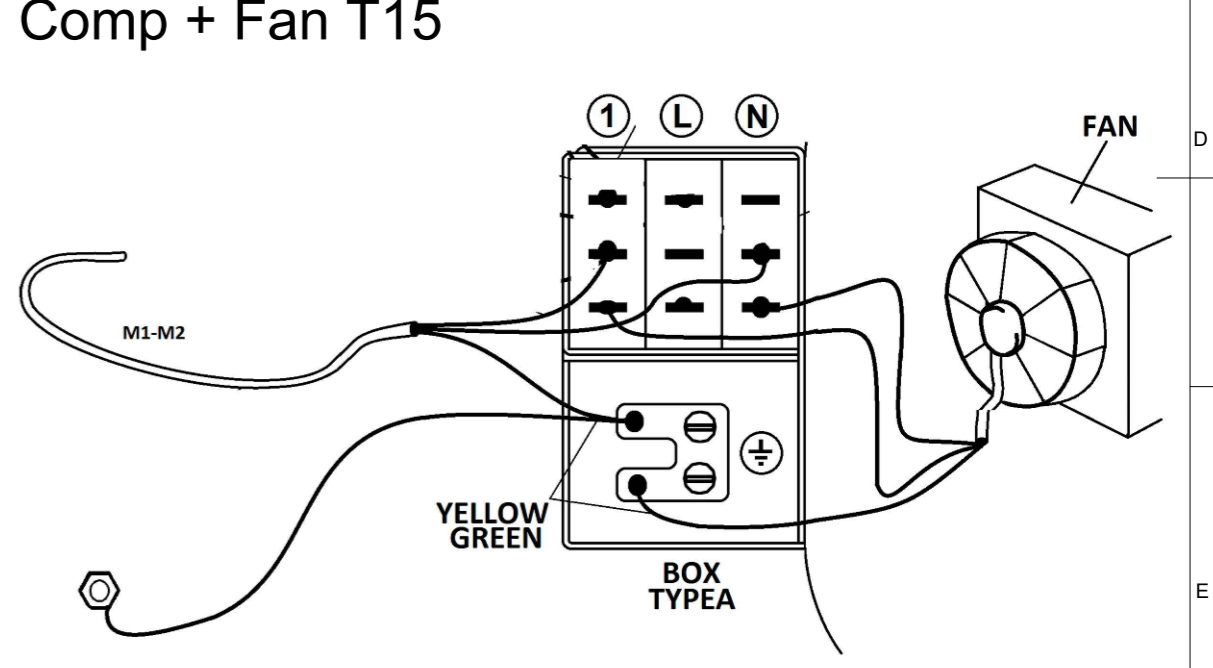
2205044901 WIRE HARN. T15 115V/60 UL rev05

ID	DESCRIPTION	TYPE	MANUFACTURER	CODE	QUANT	NOTE
IG	MAIN SWITCH	OT25FT3	ABB	1089949849	1	LOOSE
	HANDLE	OHBSRH	ABB	1089949850	1	LOOSE
ALL	CABLE GLAND	M20X1,5		0698514121	2	DC-M1
	NUT	M20x1,5		0697980953	2	DC-M1
Line	CABLE GLAND	M20X1,5		0698514121	1	LOOSE
	NUT	M20x1,5		0697980953	1	LOOSE
BOX	PROTECTIVE BOX	TK PC 13-13-10-m	SPELSBERG	1089068636	1	
	SERVICE DIAGR.			2205044900	1	
K1	CONTACTOR	3RT2016-1AK61(115V)	SIEMENS	1089943848	1	
	CONTROL FUSE	GMD-1-R 1A 5x20mm		1089916874	2	
F3-4	FUSE HOLDER	SFR.4/GR	CABUR	1088151038	2	
	FUSE HOLDER PLATE	SFR.4/PT/GR	CABUR	1088151039	2	
X1	END PLATE	HMT.2/2+2/PT/GR	CABUR	1088151015	1	
	EARTH TERMINAL	HTE.2/2+2	CABUR	1088151011	1	
	DIN RAIL	35X7.5mm		-		as necessary
	END STOP	249-116	WAGO	1088003181	2	
	FUSES LABEL			2204263054	1	COVER inner s
	LABEL ELECTRICAL EQUIPMENT			2204263061	1	LOOSE
	WARNING LABEL ELECTRICITY			2203054110	1	COVER
X1.1	FREE CONTACT TERMINALS	221-412	WAGO	-	2	
X1.2						
XP	PUMP CONNECTOR	PA21		2203080501	3	
GVS	PROTEC. SHEATH	GVS DIAM. 40X200		2204255540	1	LOOSE

2205044902 WIRE HARN. T25-35 115V/60 UL rev 05 (Same as 2205044901 plus / except )

2205044903 WIRE HARN. T50 115V/60 UL rev 05 (Same as 2205044901 plus / except )

ID	DESCRIPTION	TYPE	MANUFACTURER	CODE	QUANT	NOTE
ALL	CABLE GLAND	M20X1,5		0698514121	1	M2
	NUT	M20x1,5		0697980953	1	M2
X5	CONNECTOR	PA21		2203080501	3	
	PROTECTIVE CAP			0993421506	3	LOOSE
K1	CONTACTOR	3RT2017-1AK61(115V)	SIEMENS	1089943854	1	
BOX	PROTECTIVE BOX	TK PC 18-13-11-m	SPELSBERG	1089945804	1	
F6	FAN FUSES	FNQ-R-2	CC 2 A time -delay	1089916824	2	
	FAN FUSE HOLDER	BCC 2x38		1089959404	1	
GVS	PROTEC. SHEATH	GVS DIAM. 40X200		2204255540	1	LOOSE



Tightening Torque

Contactor terminal	M3.5	M4	M6	M8
Main Recomm. Torque [Nm/lb.in]	1.5/13.3	2.5/22.1	4/35.4	6/53.1
Aux Recomm. Torque [Nm/lb.in]	1.2/10.6	1.2/10.6	1.2/10.6	1.2/10.6
Transformer terminal	TR			
Recomm. Torque [Nm/lb.in]	0.5-1.0/4.4-8.8			

Tolerances, if not indicated according to: General tolerances 1350K - V

STANDARD Class	Name	Confidentiality class acc. to 1102 K
DIAGRAM SERVICE	DRYER TMC 0030-0105 N 115V/60 UL	Internal
Material	See Drawing	ACDE
Treatment	Not Applicable	

Scale: -- Family: A2 Compare: Drawing owner: ITJ Transferred from: --

Drawn by: CAlebarban Blank nr. Replaces: --

Version Drwg: -- Blank wt. Kg Fini wt. Kg Designation: 2205044900-01 Sheet: ( ) 01 01

STATUS: RELEASED Des checked: -- Prod checked: -- Approved: -- Date: 5/23/2024

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