

2	MODIF REP FILS 10 FOLIO 5	18/06/2012	FLA		
1	REMPLE VARIATEUR VENTIL	15/03/2012	FLA		
INDICE	MODIFICATION	DATE	DESSINE	VERIFIE	APPROUVE

BONGARD 32, Route de Wolfisheim 67810 HOLTZHEIM Tel: (33) (0)3 88 78 00 23 Fax: (33) (0)3 88 78 87 13	DESSINE:
	VERIFIE:
	DATE DE CREATION: 15/12/2009
	AFFAIRE N°:

BFC TRI 3 MODULES OPTICOM

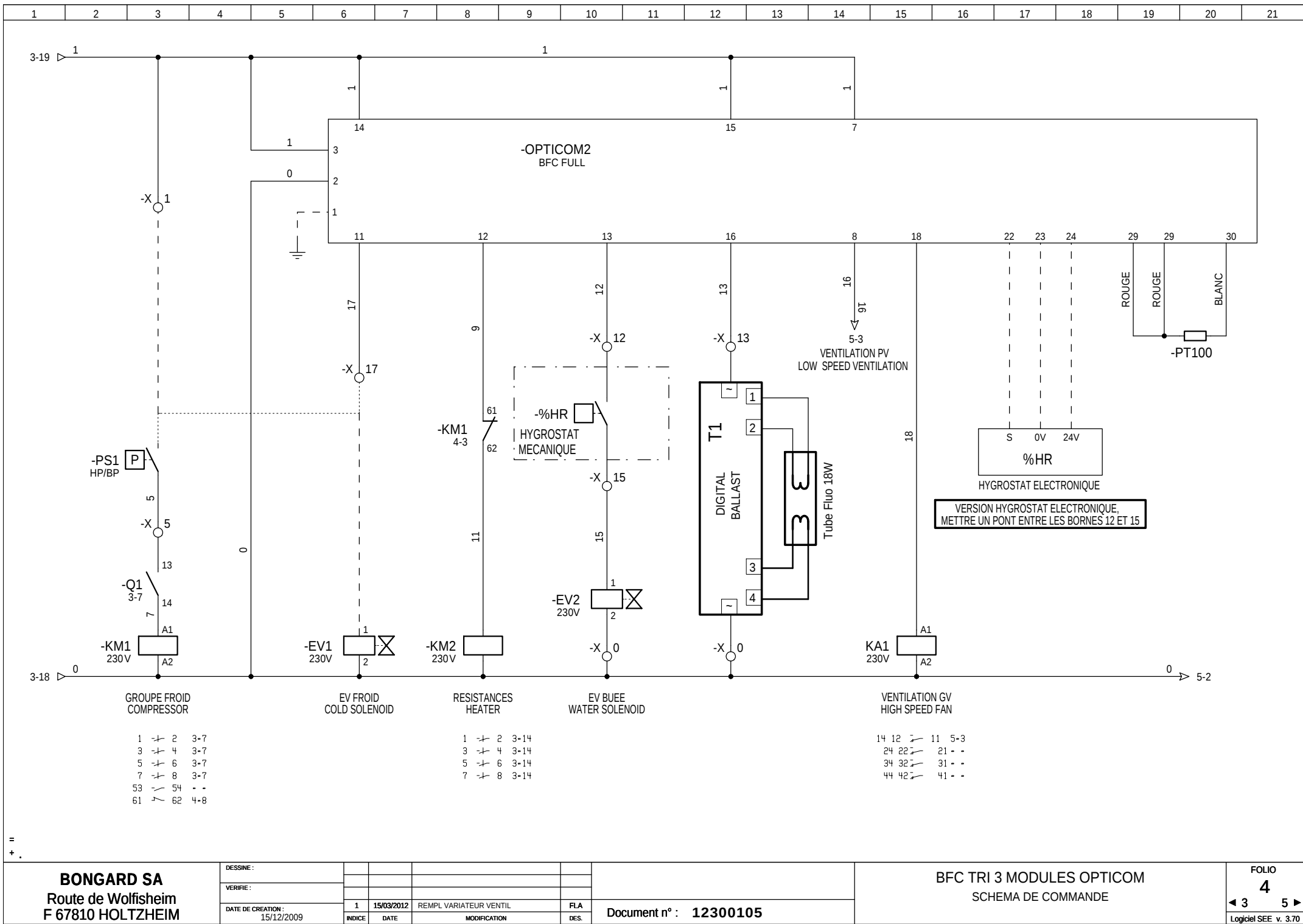
VERSION 2010

Schéma électrique

Page de garde

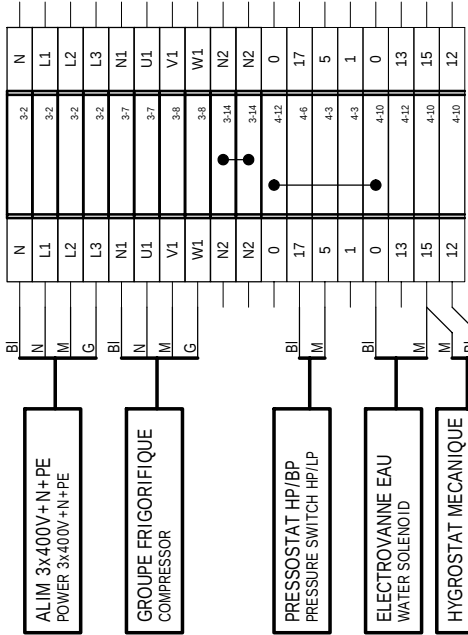
DOCUMENT N° : 12300105	1 / 10
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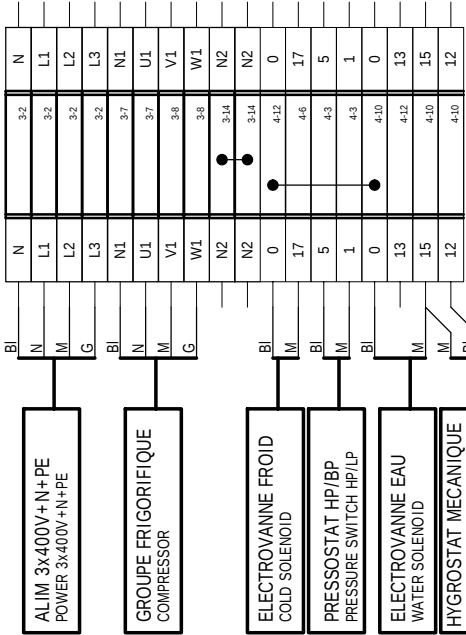
RACCORDEMENT PAR DEFAUT
SANS ELECTROVANNE FROID

DEFAULT WIRING
WITHOUT COLD SOLENOID

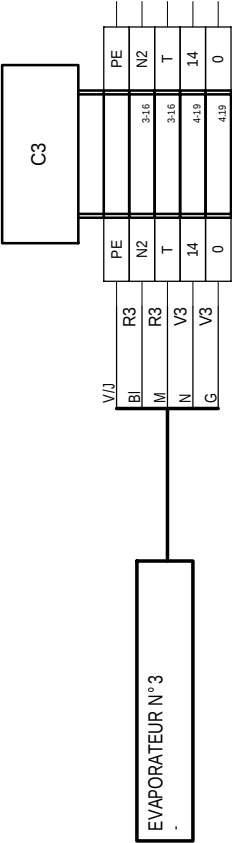
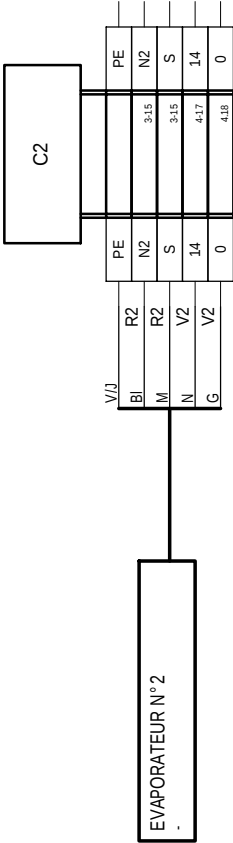
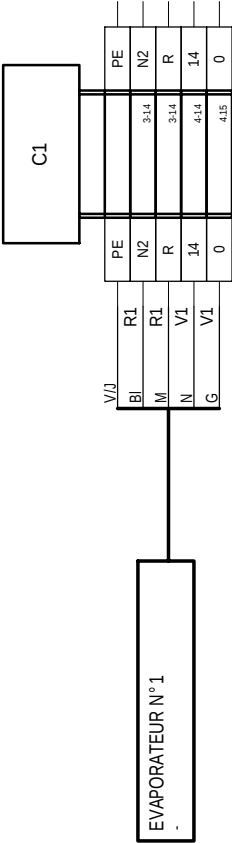


VERSION HYGROSTAT ELECTRONIQUE.
METTRE UN PONT ENTRE LES BORNES 12 ET 15

RACCORDEMENT EN PUMP-DOWN
PUMP-DOWN WIRING

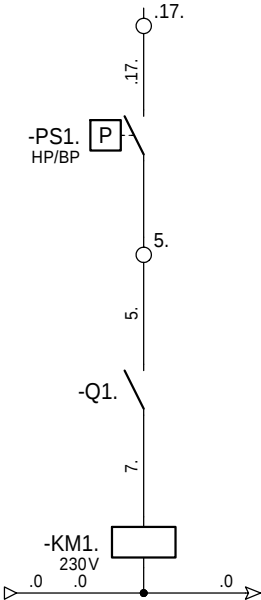


VERSION HYGROSTAT ELECTRONIQUE.
METTRE UN PONT ENTRE LES BORNES 12 ET 15



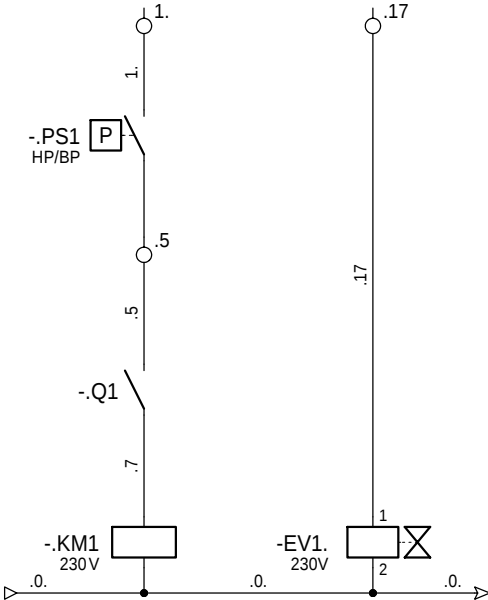
RACCORDEMENT PAR DEFAUT
SANS ELECTROVANNE FROID

DEFAULT WIRING
WITHOUT COLD SOLENOID



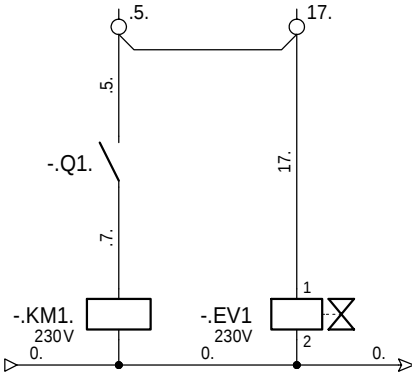
RACCORDEMENT EN PUMP-DOWN

PUMP-DOWN WIRING

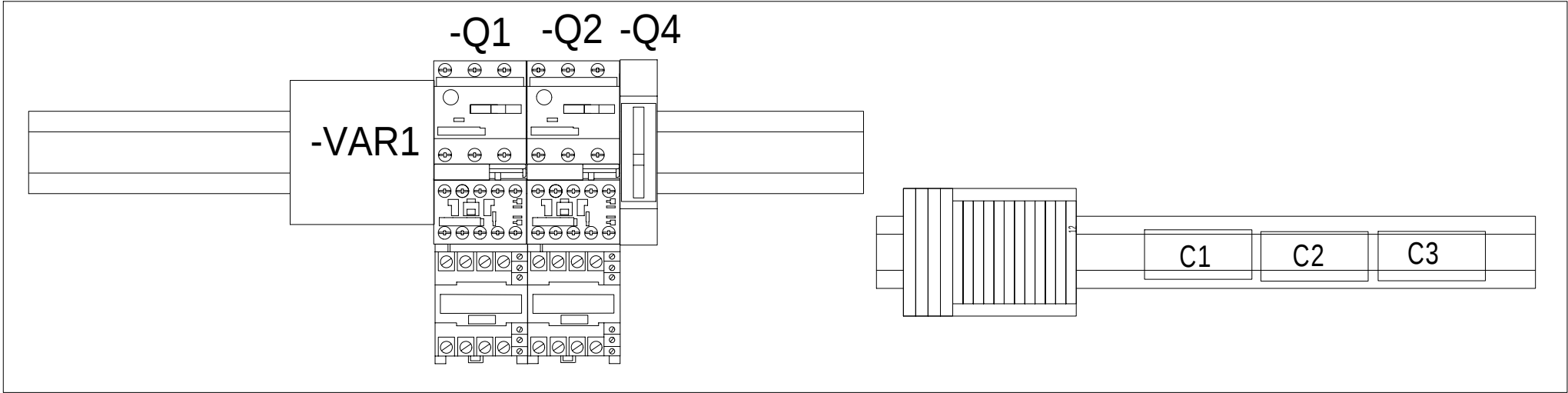


RACCORDEMENT SUR CENTRALE

WIRING STORE'S MAIN
REFRIGERATION SYSTEM



=
+



-KM1 -KM2

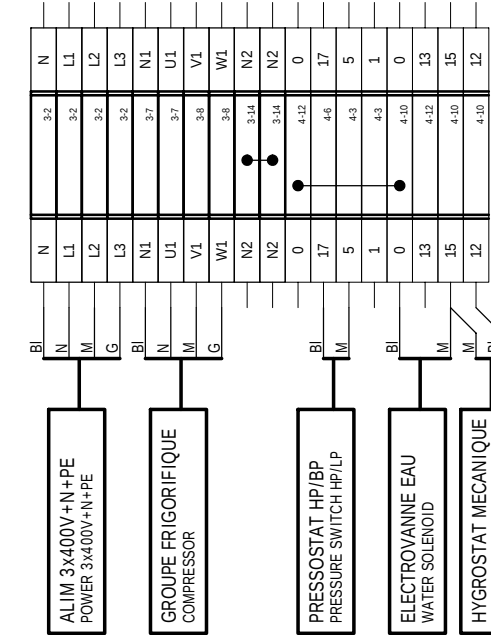
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+ .

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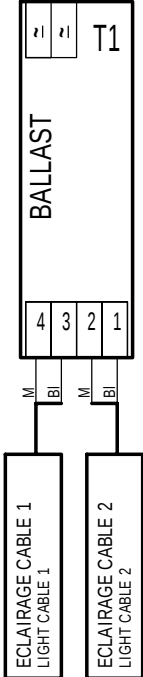
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RACCORDEMENT PAR DEFAUT SANS EV FROID

DEFAULT WIRING WITHOUT COLD SOLENOID

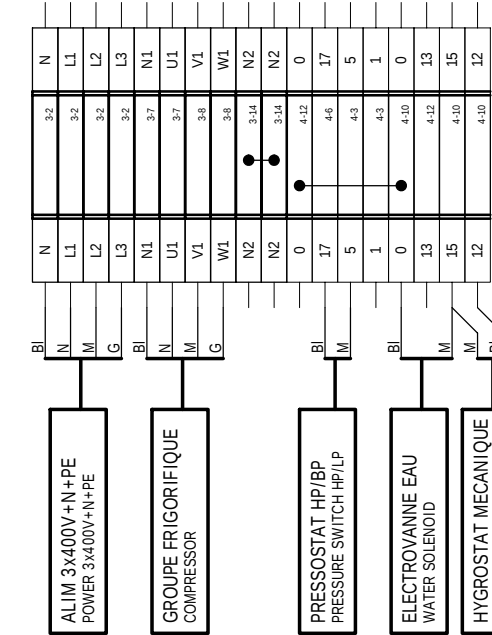


VERSION HYGROSTAT ELECTRONIQUE,
METTRE UN PONT ENTRE LES BORNES 12 ET 15

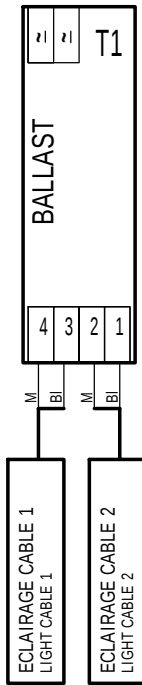


RACCORDEMENT PAR DEFAUT SANS EV FROID

DEFAULT WIRING WITHOUT COLD SOLENOID

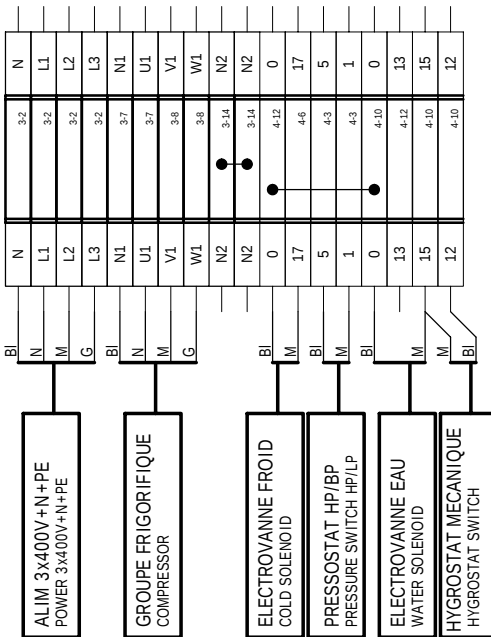


VERSION HYGROSTAT ELECTRONIQUE,
METTRE UN PONT ENTRE LES BORNES 12 ET 15

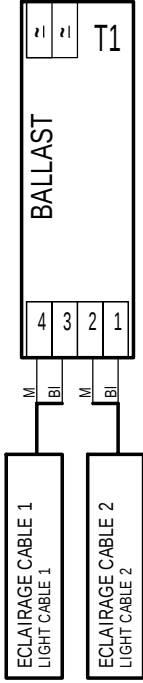


RACCORDEMENT EN PUMP-DOWN

PUMP-DOWN WIRING

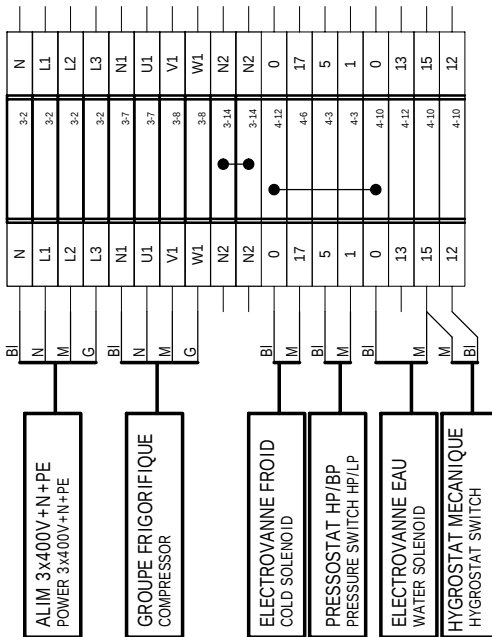


VERSION HYGROSTAT ELECTRONIQUE,
METTRE UN PONT ENTRE LES BORNES 12 ET 15

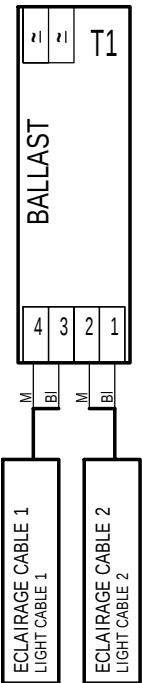


RACCORDEMENT EN PUMP-DOWN

PUMP-DOWN WIRING



VERSION HYGROSTAT ELECTRONIQUE,
METTRE UN PONT ENTRE LES BORNES 12 ET 15



CODE	DESIGNATION	W8200041	W8200301	W8200421	W8200311	W8200321	W8200341	W8200331	W8200681	W8200811	W8200431	W8200691	W8200201	W8202031	W8202061	W8202041	W8202051	W8202091
		REGUL BFC 3 MOD OPTICOM V2010 COF METAL	REGUL BFC 3 MOD OPTICOM V2010 COF COFFRE DEGIVRAG	REGUL BFC 3 MOD EM	REGUL BFC 3 MOD EM V2010 COF METAL	REGUL BFC 6 MOD OPTICOM V2010 COF METAL	REGUL BFC 6 MOD OPTICOM DEGIVRAG	REGUL BFC 6 MOD EM V2010 COF METAL	REGUL BFC 6 MOD PANEO EM V2010 (GRD COFFRET)	REGUL BFC 6 MOD EM	REGUL GALEA EM	REGUL BFC 3 MOD MIXTE EM TRI 230V COF COFFRE	REGUL BFC 3 MOD OPTICOM TRI 230V COF METAL	REGUL BFC 3 MOD OPTICOM TRI 230V DEGIVRAG GRD COFFRE	REGUL BFC 3 MOD PANEO EM TRI 230V (GRD COFFRET)	REGUL BFC 1 MOD OPTICOM MONO 230V COF METAL	REGUL BFC 1 MOD OPTICOM MONO 230V DEGIVRAG GRD COFFRE	REGUL BFC 3 MOD OPTICOM SUR PORTE
02001261	JOINT OPTICOM / EM GRIS RAL 7015	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
02001211	EQUERRE FIXATION CARTE OPTICOM 31.8x16.2x84.8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
W0002575	TO SUPPORT ELECT BSP9 250X198.5X400																	
W0002627	FIXATION COFFRET BFC 107X25X107	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
W0500100	COFFRET TO 560 1 OPTICOM										1							
W0500101	COFFRET TO 560 2 OPTICOM																	
W0500102	COFFRET TO 760 1 OPTICOM	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1
W0500103	COFFRET TO 760 2 OPTICOM																	
02128091	VARIATEUR ELECTRONIQUE 0.1-2.5A	1	1	1	1	2	2	2		2		1	1	1		1	1	1
W0006078	CONDENSATEUR 8 µF 450V																	
W0006082	CONDENSATEUR 3µF 400V																	
W0006083	CONDENSATEUR 6µF 400V																	
W0006084	CONDENSATEUR 4µF 400V																	
02017131	WAGO 3x4 SOUPLE OU RIGIDE W222413																	
02073033	GAINES TRESSEE GPM.P16 N ERICO 554490																	
02150031	PASSE FIL ISO32 T 14 757 24 RS693-7311	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
02164331	PRESSE ETOUPE ISO 32 POLYAMIDE CAP423202	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
02164335	ECROU ISO 32 POLYAMIDE CAP263273	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
W0002360	TRANSFORMATEUR 220V/24V 3VA																	
W0002363	MINUTERIE 99H 230V 2INV 2 SORTIES+2 PATTES FIX.				1			1	1		1	1			1			
W0002455	REGULATEUR EVK412 230V SANS SOND		1		1			1		1	1	1						
W0002456	REGULATEUR EVK802 230V SANS SOND + NOTICE																	
W0002457	REGULATEUR EVK223 230V S/SONDE =>ecou LAFLEUR																	
W0002874	SONDE NTC 3ML		1		2			2	1	1		2			1			
W0002875	SONDE A PIQUER NTC 3ML COUDE 2 FILS																	
W0002698	CARTE OPTICOM2 FROID EVS FULL GRIS					1	1									1	1	1
W0002877	CARTE OPTICOM2 FROID BFC FULL GRIS DEGIV ELECTRIQ	1	1			1	1						1	1		1	1	1
W0500076	BALLAST 1x18W BS-SL 22176000	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1
W0002347	PLATINE EM SURGELATEUR 102X23.4X242																	
W0002348	PLATINE ELECTRO CONSERV 102X23.4X242																	
W0002427	PLATINE ELECTRO BFA 102X23.4X242				1			1				1						
W0002446	PLATINE ELECTRO S-COUCHE 102X23.4X242								1		1				1			
W0002619	PLATINE ELECTRO ETUVE 102X23.4X242			1						1								
W0002720	PLATINE ELECTRO SURGEL08 102X23.4X242																	
W0001272	SONDE PT100 2 FILS 3ML FROID pour carte OPTICOM	1	1			1	1						1	1		1	1	1
W0001448	SONDE A PIQUER PT100 3ML 3FIL																	
02001161	KIT CONNECTEUR OPTICOM FULL s/fer	1	1			1	1						1	1		1	1	1
02010681	BARRETTE 125A 12 TROUS 568610 ERICO	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
02011401	BLOC JONCT 2.5mm2 BEIGE PDU 2.5/4 3AN 189612	19	22	8	24	31	39	39	22	20	8	15	11	11	17	12	14	19
02011411	BLOC JONCT 2.5mm2 V/IJ PPE 2.5/4/3AN 189620	2				6	6	6										2
02011821	BUTEE ARRET ZEW35 954000	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
02012211	CONNECTEUR 3 PTS FEMEL PAS 5,08 170831										1							
02012231	CONNECTEUR 5 PTS FEMEL PAS 5,08 170833	3	3	3	3					3	2	1	3	3		1	1	3
02012241	FIXATION CONNECTEUR 172343	4	4	4	4					4	4	4	4	4		2	2	4
02012271	SHUNT 10 POLES ZQV 2,5 /10 160894	1	1		1	1	1	1	1	1		1	1	1	1	1	1	1
02022753	CABLE H07RNF 3G2,5																	
W0000251	CABLE H05VVf 3x1 GRIS TJC14359 TOURET 1000ML																	
W0500106	GOULOTTE PVC 60x40 LG 2ML BA740060	0,25										0,25	0,25	0,25	0,25	0,25	0,25	0,25
02011021	CONTACT AUX. LA1DN11 TELEM																	
02014001	CONTACT AUX HARMONY NO ZBE 101				1			1				1						
02014011	CONTACT AUX HARMONY NC ZBE 102				2			2				2						
02014071	CORPS CONTACT NO METAL ZB4 BZ 101				2			2				2			2			
02014091	CORPS CONTACT NO PLASTIQ ZB5 AZ 101		2						2	2	2							
02014131	TETE TOURNANT 3P METAL ZB4 BD 3				1			1				1						
02014141	TETE TOURNANT 2P METAL ZB4 BD 2				1			1				1						
02014171	TETE TOURNANT 3P PLASTIQ ZB5 AD 3														2			
02014181	TETE TOURNANT 2P PLASTIQ ZB5 AD 2			2						2	2	2						
02036171	CONTACTEUR LC1 D18 M7																	
02036201	CONTACTEUR LC1K0910M7 230V 50/60HZ																	
02036202	BLOC ASSOCIATION GV2AF01	3			3	2	3	3	2	2		1		1	1	1	2	
02036209	CONTACTEUR LC1K09004P7 20A (AC1) 230V 50/60HZ	3	1		3	2	3	3	2	2	1	1		1	1	1	2	
02036272	CONTACTEUR LC1D32 P7 TQ 50 A (AC1) 230V 50/60HZ				1	1	1	1				2	2	2	1	1	1	
02036341	CONTACT AUX. LA1KN11 TELEM	1			2		1	2	1			1		1	1			
02041831	DISJ MAGNET GV2LE20 18A 15kA	2			2	2	3	3	1	2		1		1	1	1	2	
02041871	JDB GV2G245 63A TRI 2x45 BORNIER PR JEU DE BARRE																	
02041881	JDB GV2G345 63A TRI 3x45 BORNIER PR JEU DE BARRE																	
02042041	DISJ MOTEUR GV2ME14 6-10A	1			1				1			2		1	1		1	
02042051	DISJ MOTEUR GV2ME10 4-6A																	
02042071	DISJ MOTEUR GV2ME20 13-18A											1	1	1	1			
02042091	DISJ MOTEUR GV2ME32 24-32A					1	1	1										
02042111	CONTACT AUX 10+1F GVAE11	1			1	1	1	1				1	1	1			1	
02042701	DISJ 1P+N 6A DT40 6kA MER21023	1	1		1	1	1	1	1	1	1							
02042801	DISJ C60N 2X6A COURBE C MER24200											1	1	1	1	1	1	
02044031	ANTIPARASITE RH232 230V																	
02091144	INTER VARIO 3x40A VBF 2 POIGNEE NOIR 4 VIS 48mm																	

CODE	DESIGNATION	W8200041	W8200301	W8200421	W8200311	W8200321	W8200341	W8200331	W8200681	W8200811	W8200431	W8200691	W8202021	W8202031	W8202061	W8202041	W8202051	W8202091
		REGUL BFC 3 MOD OPTICOM V2010 COF METAL	REGUL BFC 3 MOD OPTICOM V2010 GRD COFFRE DEGRIVAGE	REGUL BFC 3 MOD EM	REGUL BFC 3 MOD EM V2010 COF METAL	REGUL BFC 6 MOD OPTICOM V2010 COF METAL	REGUL BFC 6 MOD OPTICOM DEGRIVAGE	REGUL BFC 6 MOD EM V2010 COF METAL	REGUL BFC 6 MOD PANEO EM V2010 (GRD COFFRETT)	REGUL BFC 6 MOD EM	REGUL GALEA EM	REGUL BFC 3 MOD MIXTE EM TRI 230V GRD COFFRE	REGUL BFC 3 MOD OPTICOM TRI 230V COF METAL	REGUL BFC 3 MOD OPTICOM TRI 230V DEGRIVAGE GRD COFFRE	REGUL BFC 3 MOD PANEO EM TRI 230V (GRD COFFRETT)	REGUL BFC 1 MOD OPTICOM MONO 230V COF METAL	REGUL BFC 1 MOD OPTICOM MONO 230V DEGRIVAGE GRD COFFRE	REGUL BFC 3 MOD OPTICOM SUR PORTE
02091151	POLE ADDITIONNEL VZN20 POUR VBDN20 MINIVARIO			1							1							
02091154	POLE ADDITIONNEL VZ2 40A POUR INTER VBF 2 VARIO		1		1	1	1	1			1							
02091161	INTER MINIVARIO 3x20A VBDN20 POIGNEE NOIR 22.5			1					1		1				1	1		1
02091164	INTER VARIO 3x40A VBD 2 POIGNEE NOIR dia 22.5		1		1	1	1	1		1		1	1	1				
02187761	RELAIS 4RT 230V RX M4AB1P7	1	1		1	1										1	1	1
02187861	RELAIS TEMPO CLIGNOTEUR ASSYMETRIQUE RE11RLMU				1			1				1		1				
02187871	RELAIS TEMPO RE11RMEMU MULTI-FONCTION																	
02190971	SUPPORT RELAIS 4RT RXZE2M114M	1	1		1	1						1	1	1		1	1	1
W0002364	COMMUT. ROND 2POS ORANGE LUMINEUX XBSAK125M5																	
W0002365	RELAIS 4RT 24VAC RXL4A06B1B7																	
W8200051	KITTING BFC 3 MODULES SCHNEIDER	1																1
79932221	RAIL DIN SYM 35x7x380																	
W0000317	CORDON ALIM 3x1.5 GRIS 3,50m																	
W0000403	VIS NYLON TH M8x100	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6
04017440	RONDELLE INOX 8/16 EP 2 A2 DIN1440	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6
04009400	ECROU LAIT H M8 ISO4032	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6
12300105	SE BFC 3 MODULES OPTICOM VERSION 2010	1			1													1
12300107	SE BFC 3 MODULES EM VERSION 2010																	
12300108	SE BFC 3 MODULES OPTICOM PANEO DEGRIVAGE V2010		1															
12300110	SE BFC 3 MODULES EM VERSION 2010			1														
12300111	SE GALEA EM V2010										1							
12300113	SE BFC 6 MODULES OPTICOM PANEO DEGRIVAGE V2010						1											
12300115	SE BFC 6 MODULES OPTICOM V2010					1												
12300116	SE BFC 6 MODULES EM							1										
12300117	SE BFC 6 MODULES EM PANEO V2010								1									
12300125	SE BFC 6 MODULES EM V2012								1	1								
12300011	SE BSP EM																	
12300047	SE BSP OPTICOM																	
12300057	SE BSCP OPTICOM VERSION 2006																	
12300058	SE BSCP ELECTROMECHANIQUE VERSION 2006																	
12300060	SE BSC OPTICOM VERSION 2006																	
12300061	SE BCP OPTICOM VERSION 2006																	
12300062	SE BCP ELECTROMECHANIQUE VERSION 2006																	
12300100	SE BSC ELECTROMECHANIQUE VERSION 2009																	
37090391	NOTICE UTIL. OPTICOM FRA EVS - EVS9 - BSC - EVN																	
02020031	BORNIER TERRE LEGRAND 04822																	
02187901	RELAIS 2RT 230VAC RSB2A080P7							1	1									
02181001	SUPPORT RELAIS 2RT RSZE1S48M							1	1									
02011021	CONTACT AUX. LA1DN11								1									
02011441	BLOC JONCT 6mm2 BEIGE PDU 6/10 54A 189614					8	8	8				3	3	3				
02011451	BLOC JONCT 6mm2 V/J PPE 6/10 V/J 189618					1	1	1										
02042081	DISJ MOTEUR GV2ME22 20-25A											1	1	1				
W0500438	REGULATEUR EVK223 230V S/SONDE AFF BLEU				1			1	1			1			1			
12300122	SE BFC 3 MO EM MIXTE TRI 230V											1						
12300133	SE BFC 3MO OPTICOM TRI 230V												1					
12300134	SE BFC 3 MO OPTICOM DEGRIVAGE TRI 230V													1				
12300135	SE BFC 1 MO OPTICOM MONO															1		
12300136	SE BFC 1 MO OPTICOM DEGRIVAGE MONO																1	
12300137	SE BFC 3 MO PANEO TRAD EM TRI 230V															1		
02011391	FLASQUE PAP 2.5/4/3AN 1896480000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
02051971	ETIQ. TELE. N/S SYM ECLAIRAGE				1			1				1						
02051972	ETIQ. TELE. N/S SYM POWER				1			1				1						
02042061	DISJ MOTEUR GV2ME16 9-14A															1	1	
02070651	DISJ 1P+N 16A DT40 6KA REF 21025																	
02091146	INTER VARIO 3x63A VBF 3 POIGNEE NOIR 4 VIS 48mm																	
02091156	POLE ADDITIONNE VZ3 63A POUR INTER VBF 3 VARIO																	
02016411	BOITIER ABS 160x250x125 FIBOX AB162513																	
W0001294	CABLE HOSVVF 5G2.5 GRIS JB750																	
12300123	SE BSC EM TROPIC 2 GROUPE 2 EVAPO																	
12300138	SE BSC EM MONO 230V SANS GROUPE																	
12300139	SE BCP ELECTROMECHANIQUE MONO 230V																	
02016421	SUPPORT CABLAGE 151x214 FIBOX TM1625																	2
02012191	CONNECTEUR 4 PTS POUR CI RS2509983412																	1
W0006086	BOITIER OPTICOM BFC 200x30x344																	1
W0006088	TOLE LOGO VERRE OPTICOM 102x1.5x242																	1
W0006089	TOLE OPTICOM SANS CARTE 102x1.5x242																	1
02020173	CABLE BLINDE 4x0.25 LIYCY RS529-582																	3
02052701	PASSE FIL ISO20 T 14 757 12 RS693-7289																	3