

CONDUCTOR COLORS / COULEUR DES CABLES :

	ENG LISH	FRENCH				
230VAC (N)	LIGHT BLUE	BLEU CLAIR				
230VAC (L)	BROWN	MARRON				
0VDC	WHITE	BLANC				
24VDC	DARK BLUE	BLEU FONCE				
UNIVERSAL INPUTS	PURPLE	VIOLET				
UNIVERSAL OUTPUTS	GREY	GRIS				
230VAC (N AND L NOT CUTTABLE) (N ET L NON SECTIONNABLES)	ORAN GE	ORAN GE				

NB OF EARTH TERMINALS WITH SCREW NB DE BORNES DE TERRE A VIS	18
NB OF EARTH TERMINALS WITH SPRING NB DE BORNES DE TERRE A RESSORT	18
GLAND PLATE WITH FOAM RU BBER CABLE CLAMP STRIP PLAQUE DE FIXATION AVEC BANDE DE SERRAGE EN MOUSSE POUR CABLES EN CAOUTCHOUC	2

A	Adding Fren ch translation	08/0 7/20 26	J.NEVE	J.NEVE	J.NEVE
INDEX	MODIFICATION	DATE	DRAWN	CHECKED	APPROVED

DRAWN: K.DELLAPIAZZA

CHECKED: J.NEVE

DATE OF CREATION: 17/01/2025

PROJ ECT N°:

SYSTEM MANAGEMENT SEQUENCER
(OPTION 275A)

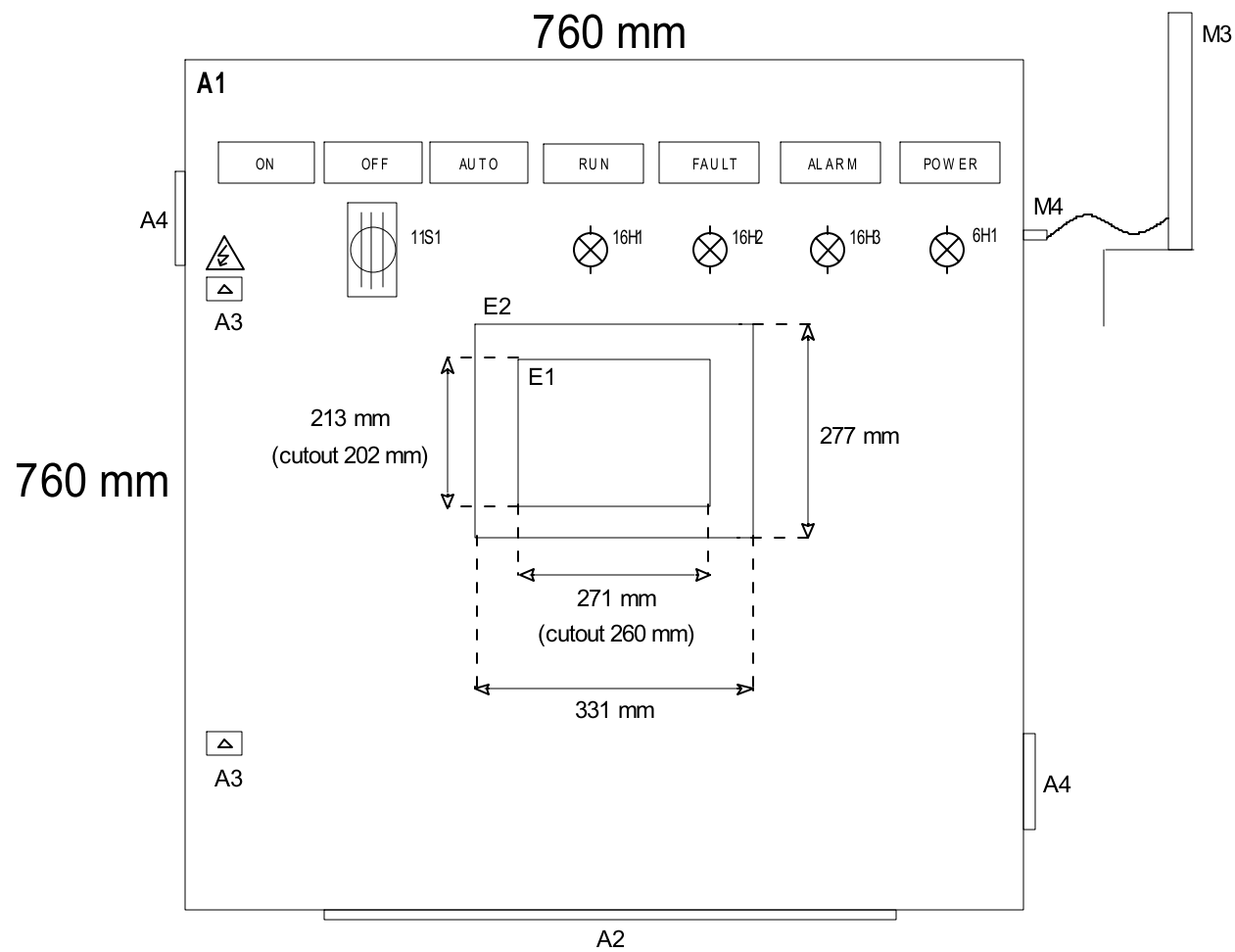
ELECTRICAL DIAGRAM
SCHEMA ELECTRIQUE

DOCUMENT N° : VERSION - 2026.07

21 SHEETS

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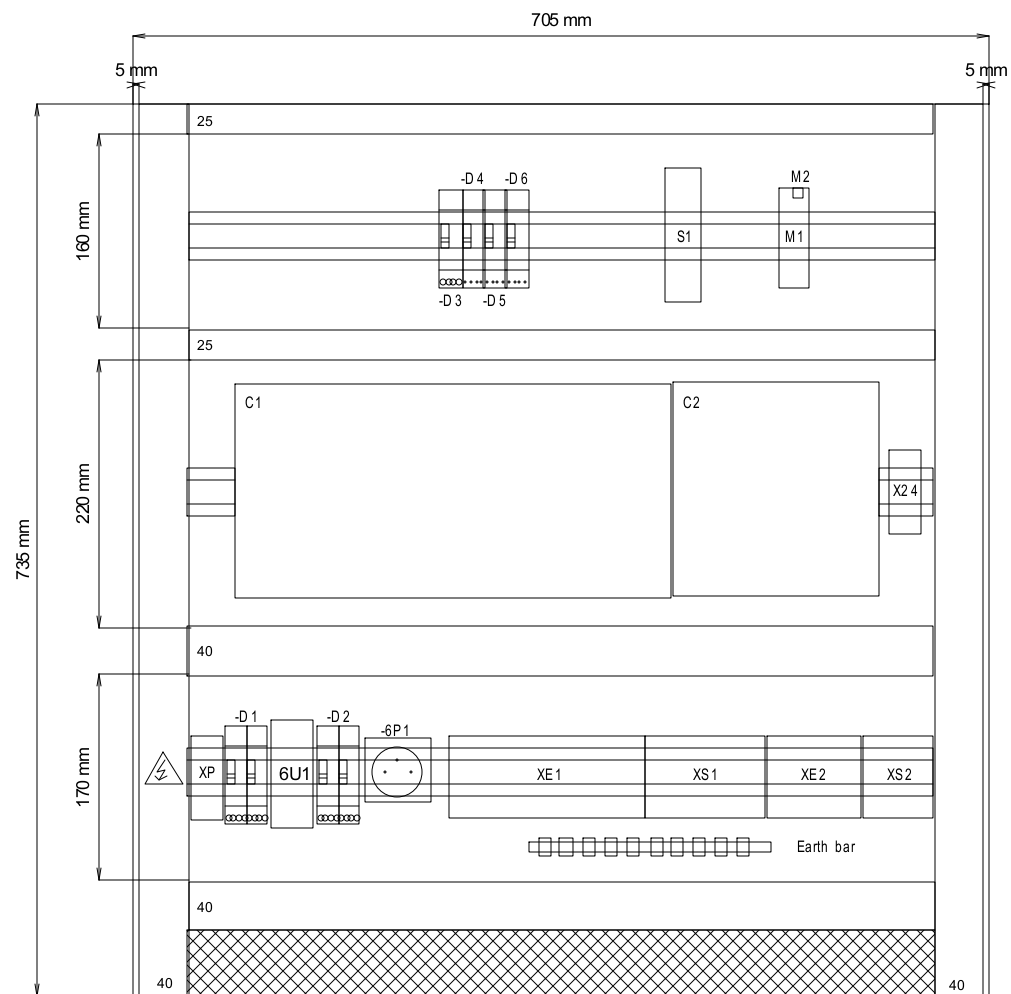
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Depth / Profondeur: 300 mm
Weight / Poids: 50 kg

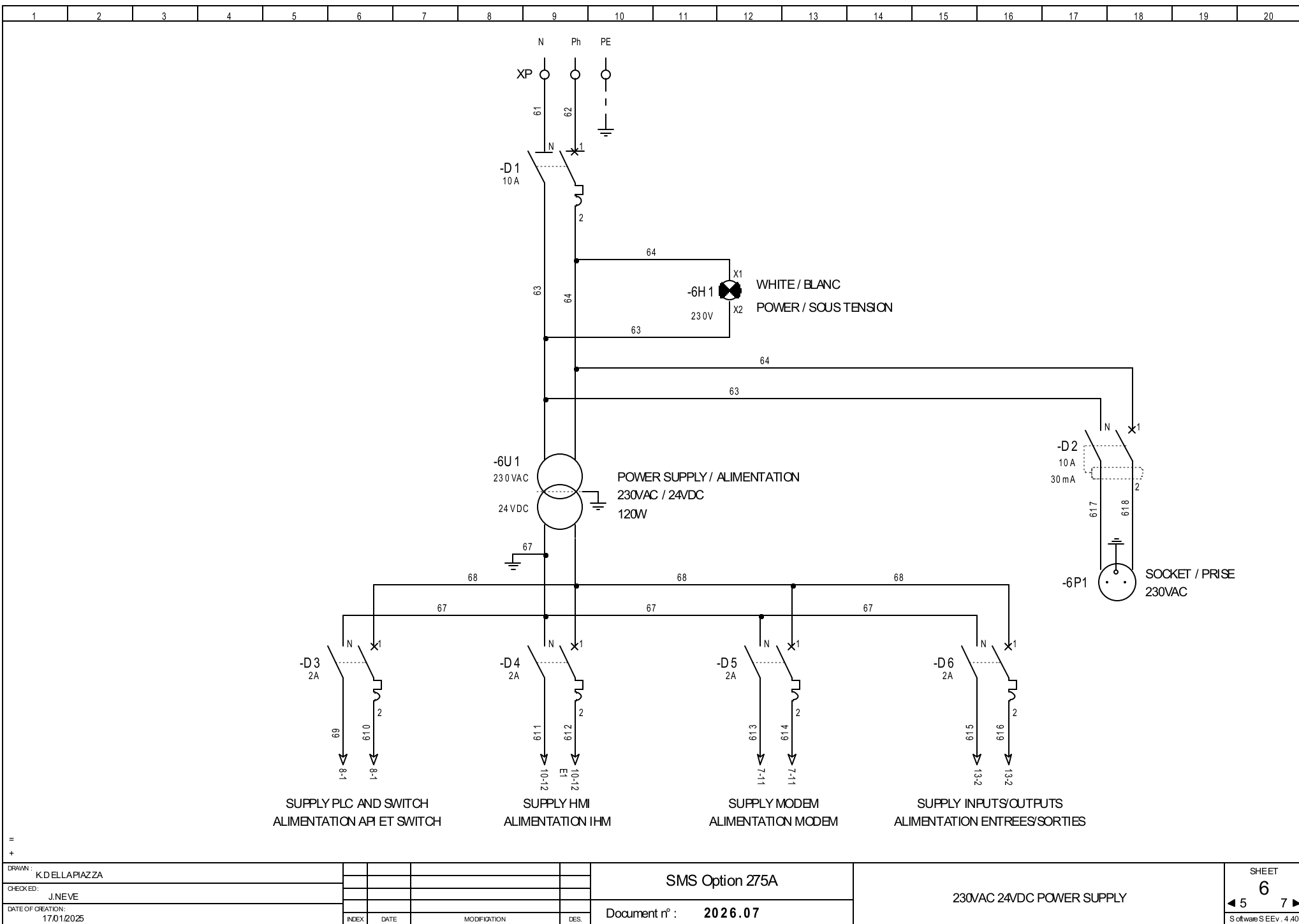
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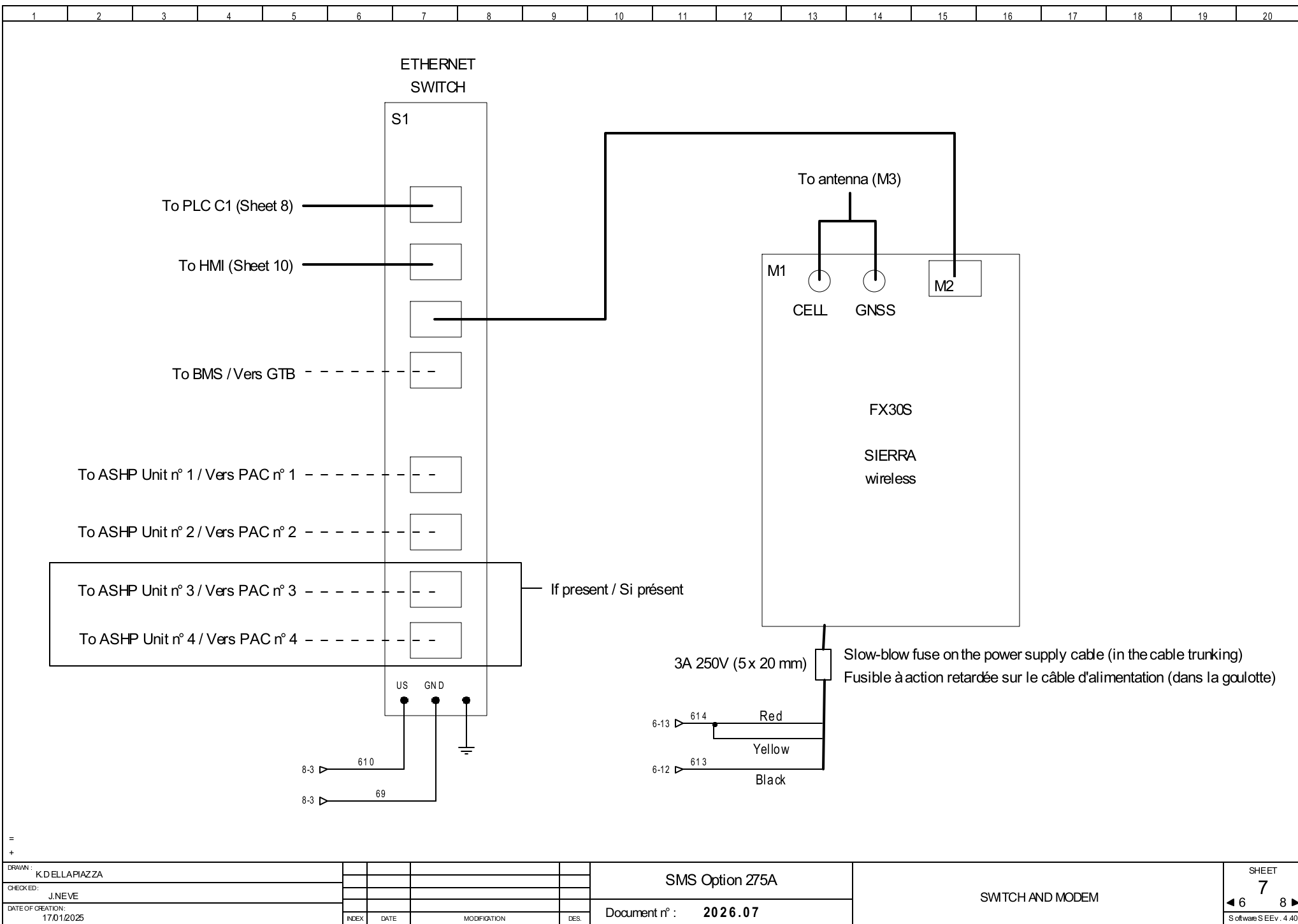
DRAWN : K.DELLAPIAZZA					SMS Option 275A	FRONT PANEL IMPLANTATION	SHEET 4 ◀ 3 5 ▶ Software S.EEv. 4.40
CHECKED: J.NEVE							
DATE OF CREATION: 17/01/2025	INDEX	DATE	MODIFICATION	DES.	Document n° : 2026.07		

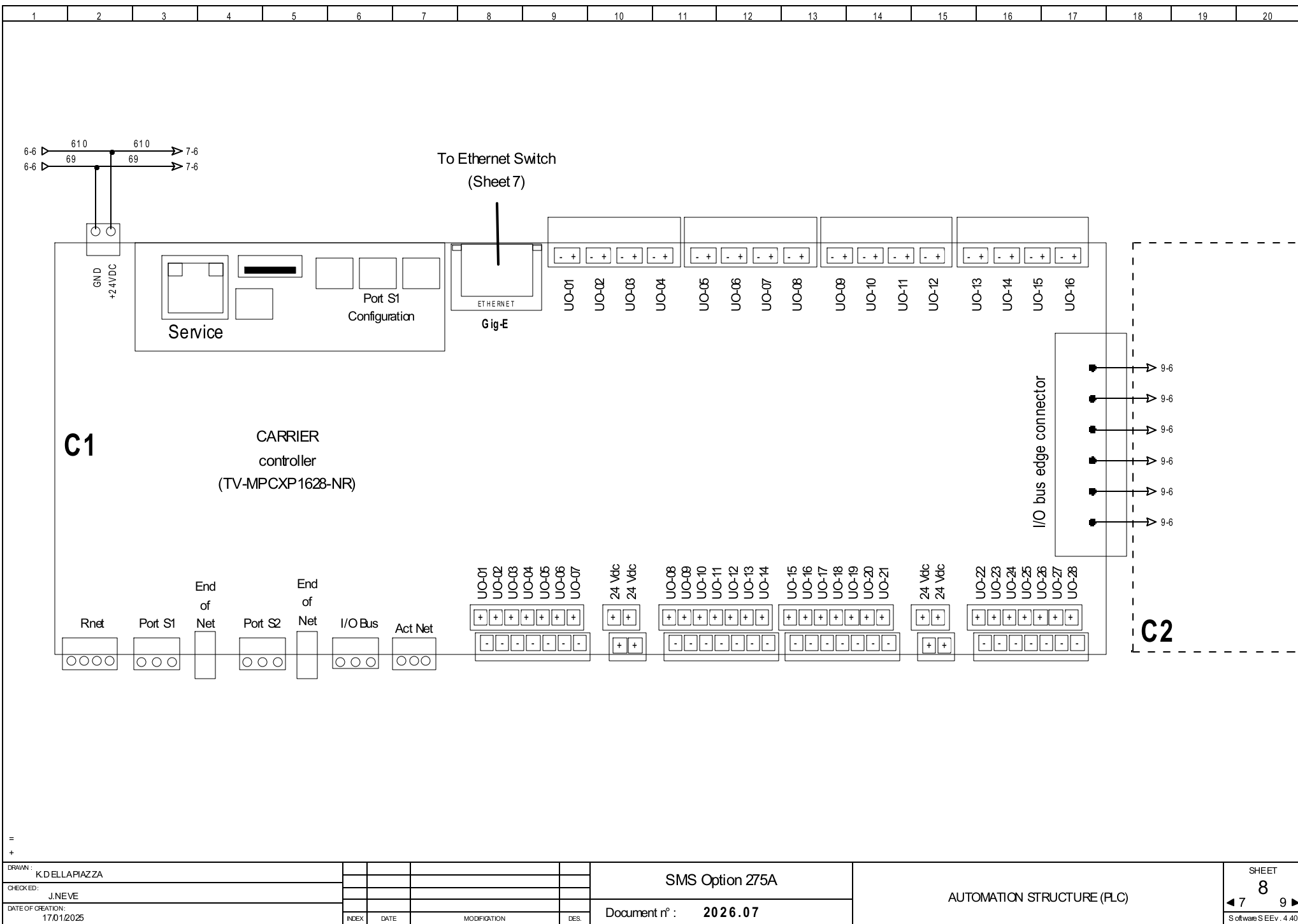


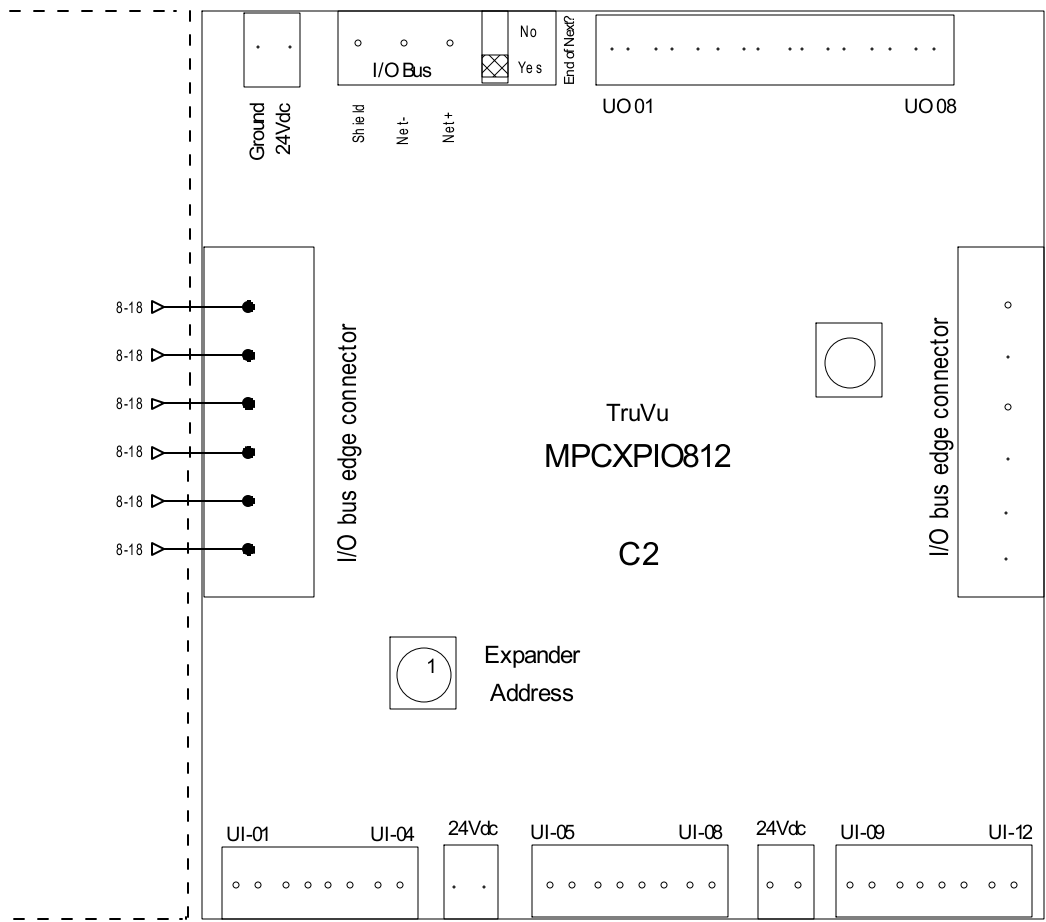
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DRAWN : K.DELLAPIAZZA					SMS Option 275A	INSIDE IMPLANTATION	SHEET 5
CHECKED : J.NEVE					Document n° : 2026.07		◀ 4 6 ▶
DATE OF CREATION : 17/01/2025	INDEX	DATE	MODIFICATION	DES.			Software S.EEv . 4.40

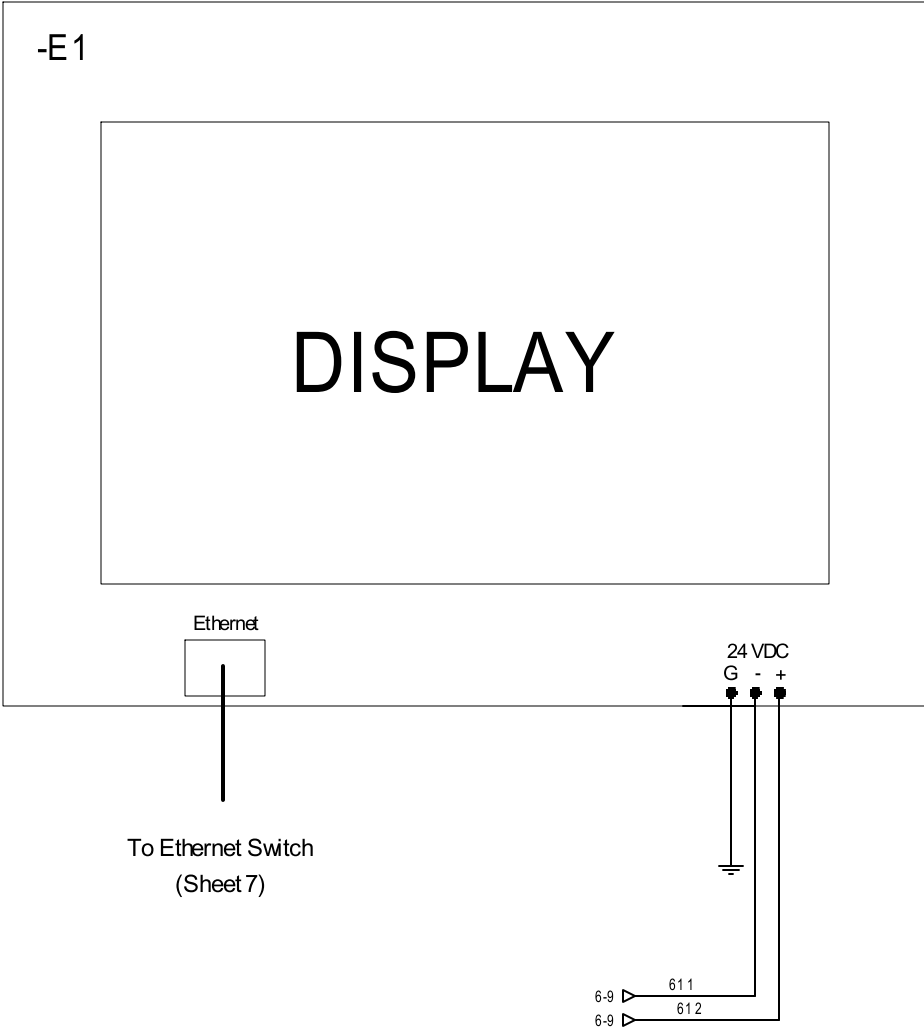




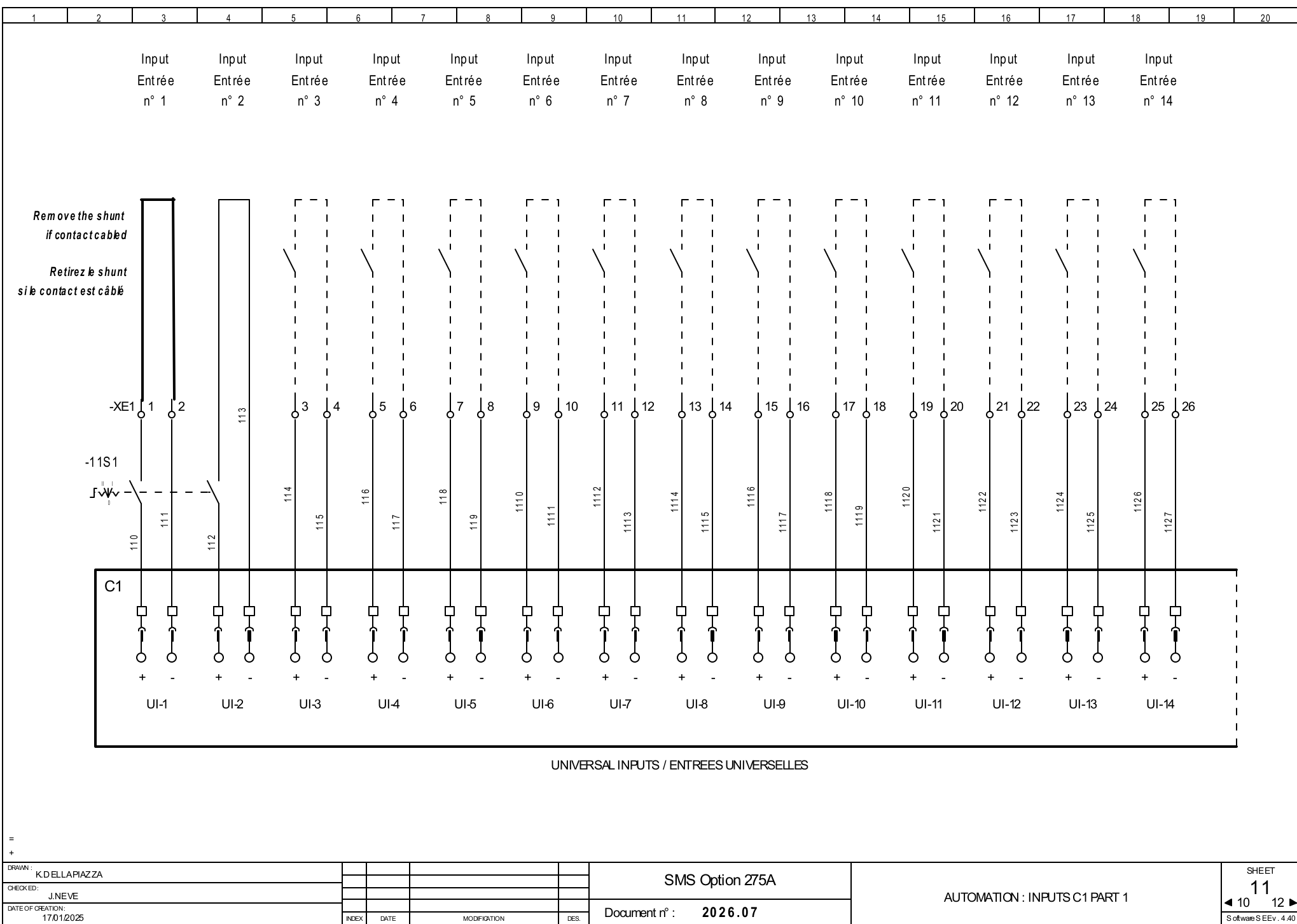


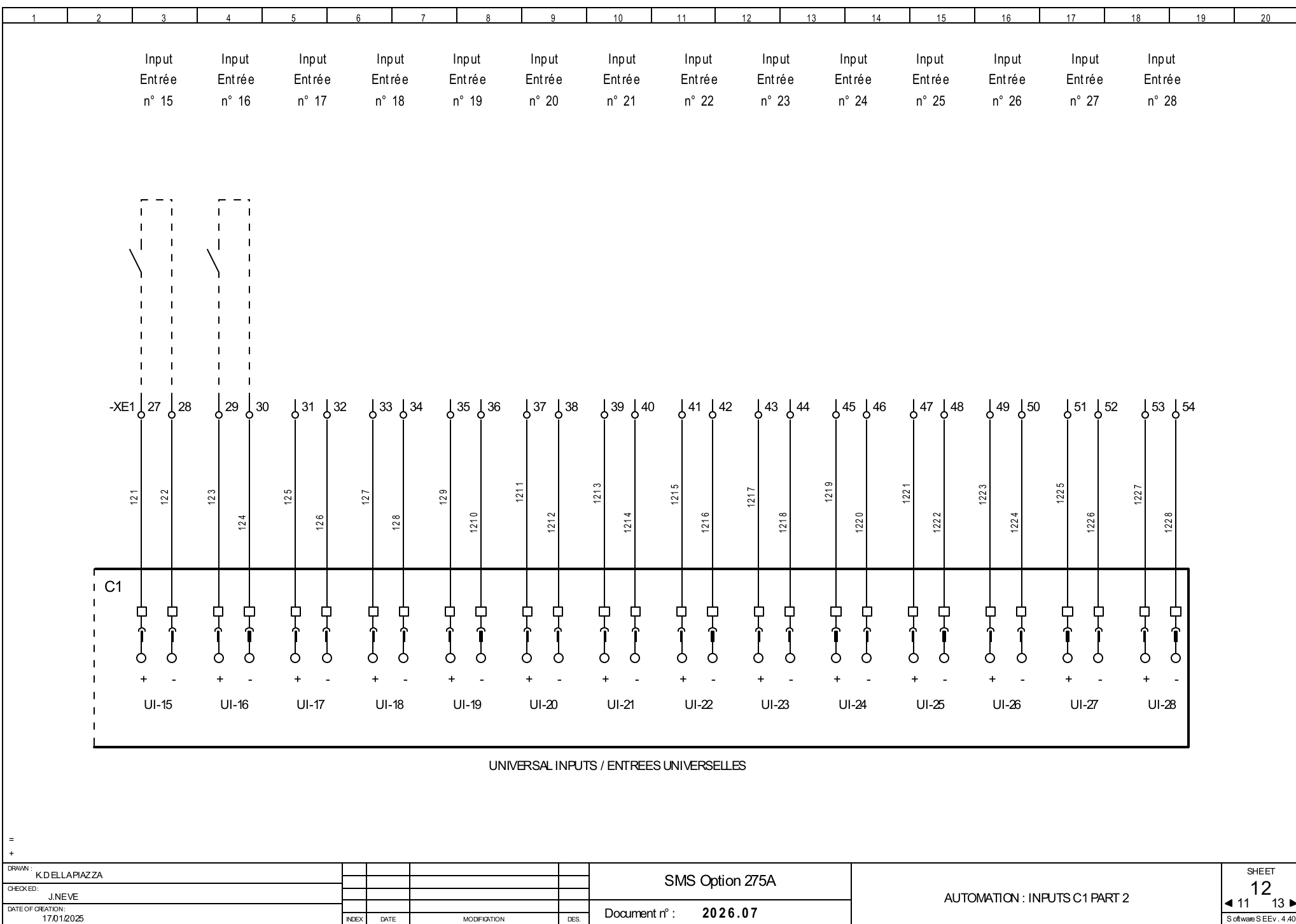


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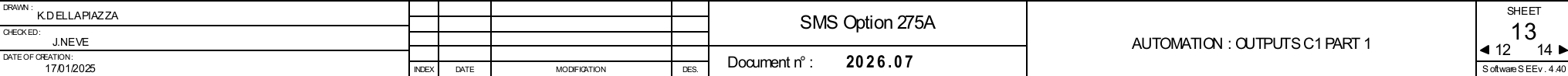
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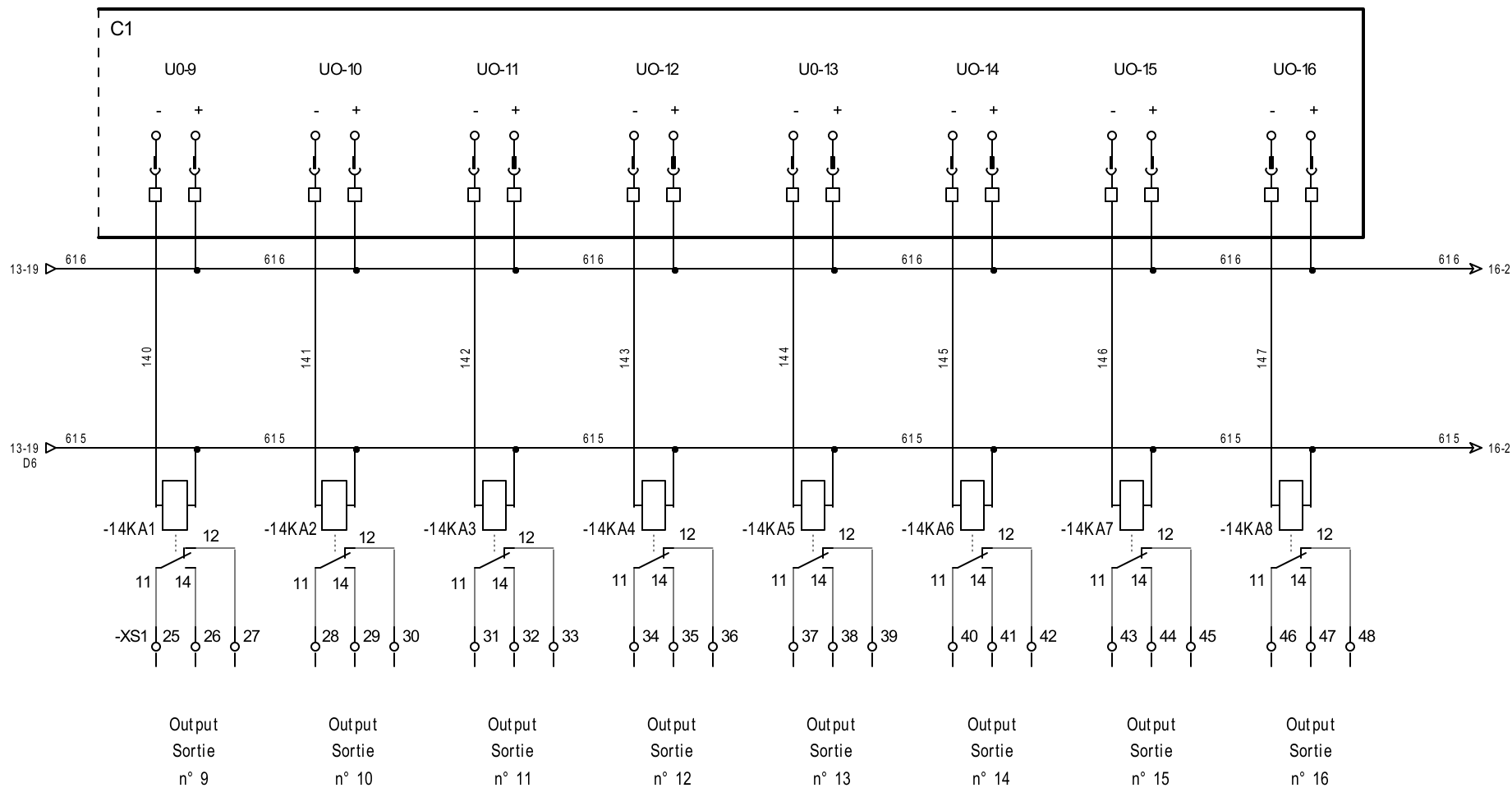


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C1



UNIVERSAL OUTPUTS / SORTIES UNIVERSELLES



Output
Sortie
n° 9

Output
Sortie
n° 10

Output
Sortie
n° 11

Output
Sortie
n° 12

Output
Sortie
n° 13

Output
Sortie
n° 14

Output
Sortie
n° 15

Output
Sortie
n° 16

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DRAWN :	KDELLAPIAZZA
CHECKED :	J.NEVE
DATE OF CREATION :	17/01/2025

SMS Option 275A

Document n° : 2026.07

AUTOMATION : OUTPUTS C1 PART 2

SHEET
14
◀ 13 15 ▶
Software SEEv. 4.40

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MARK	SHEET	ENGLISH				FRENCH													
XE1 1/2	11	Front panel button: ON				Bouton façade coffret : ON													
C1 UI-2	11	Front panel button: AUTO				Bouton façade coffret : AUTO													
XE1 3/4	11	DHW thermal switch				Contacteur thermique ECS													
XE1 5/6	11	Smart Grid SGR0_BST				Smart Grid SGR0_BST													
XE1 7/8	11	Smart Grid SGR1_LCK				Smart Grid SGR1_LCK													
XE1 9/10	11	DHW diverting valve feedback opened				Retour position ouvert vanne dérivation ECS													
XE1 11/12	11	DHW diverting valve feedback closed				Retour position fermé vanne dérivation ECS													
XE1 13/14	11	Customer pump 1 running feedback				Retour de marche pompe client 1													
XE1 15/16	11	Customer pump 2 running feedback				Retour de marche pompe client 2													
XE1 17/18	11	DHW pump 1 running feedback				Retour de marche pompe ECS 1													
XE1 19/20	11	DHW pump 2 running feedback				Retour de marche pompe ECS 2													
XE1 21/22	11	Zone 1 pump running feedback				Retour de marche pompe zone 1													
XE1 23/24	11	Zone 2 pump running feedback				Retour de marche pompe zone 2													
XE1 25/26	11	Isolation valve 1 feedback opened				Retour position ouvert vanne isolation 1													
XE1 27/28	12	Isolation valve 1 feedback closed				Retour position fermé vanne isolation 1													
XE1 29/30	12	DHW manual command				Com mande manuelle ECS													
XE1 31/32	12	Free				Libre													
XE1 33/34	12	Free				Libre													
XE1 35/36	12	Free				Libre													
XE1 37/38	12	Free				Libre													
XE1 39/40	12	Free				Libre													
XE1 41/42	12	Free				Libre													
XE1 43/44	12	Free				Libre													
XE1 45/46	12	Free				Libre													
XE1 47/48	12	Free				Libre													
XE1 49/50	12	Free				Libre													
XE1 51/52	12	Free				Libre													
XE1 53/54	12	Free				Libre													
XS1 1/2/3	13	DHW diverting valve command				Com mande vanne dérivation ECS													
XS1 4/5/6	13	DHW electric heater command				Com mande épingle électrique ECS													
XS1 7/8/9	13	Electrical heat stage 1 command				Com mande étage électrique 1													
XS1 10/11/12	13	Electrical heat stage 2 command				Com mande étage électrique 2													
XS1 13/14/15	13	Electrical heat stage 3 command				Com mande étage électrique 3													
DRAWN : K.DELLAPIAZZA							SMS Option 275A				USER CONNECTION EN / FR				SHEET 17 ◀ 16 18 ▶ Software SEEv . 4.40				
CHECKED : J.NEVE																			
DATE OF CREATION : 17/01/2025							Document n° : 2026.07												
		INDEX	DATE	MODIFICATION			DES.												

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MARK	SHEET	ENGLISH	FRENCH		
XS1 16/17/18	13	Boiler command	Commande chaudière		
XS1 19/20/21	13	Zone 1 heating pump command	Commande pompe zone 1		
XS1 22/23/24	13	Zone 2 heating pump command	Commande pompe zone 2		
XS1 25/26/27	14	Customer pump 1 command	Commande pompe client 1		
XS1 28/29/30	14	Customer pump 2 command	Commande pompe client 2		
XS1 31/32/33	14	DHW pump 1 command	Commande pompe ECS 1		
XS1 34/35/36	14	DHW pump 2 command	Commande pompe ECS 2		
XS1 37/38/39	14	Isolation valve 1 command	Commande vanne isolation 1		
XS1 40/41/42	14	Free	Libre		
XS1 43/44/45	14	Free	Libre		
XS1 46/47/48	14	Free	Libre		
XE2 1/2	15	DHW temperature	Temperature ballon ECS		
XE2 3/4	15	Zone 1 water temperature	Température départ zone 1		
XE2 5/6	15	Zone 2 water temperature	Température départ zone 2		
XE2 7/8	15	Floor sensor temperature	Temperature sonde plancher		
XE2 9/10	15	Water tank temperature	Temperature ballon découplage		
XE2 11/12	15	Entering water temperature	Temperature d'entrée d'eau		
XE2 13/14	15	Leaving water temperature	Temperature de sortie d'eau		
XE2 15/16	15	Differential pressure for customer pumps	Pression différentielle pour pompes client		
XE2 17/18	15	Differential pressure for DHW pumps	Pression différentielle pour pompes ECS		
XE2 19/20	15	Free	Libre		
XE2 21/22	15	Free	Libre		
XE2 23/24	15	Free	Libre		
XS2 1/2	16	3WV command for multi zone 1	Commande V3V pour multi zone 1		
XS2 3/4	16	3WV command for multi zone 2	Commande V3V pour multi zone 2		
XS2 5/6	16	Customer pump VDF command	Commande variateur pompes client		
XS2 7/8	16	DHW pump VFD command	Commande variateur pompes ECS		
XS2 9/10	16	Free	Libre		
XS2 11/12/13	16	Running relay	Relais marche		
XS2 14/15/16	16	Fault relay	Relais défaut		
XS2 17/18/19	16	Alarm relay	Relais alarme		

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DRAWN : K.DELLAPIAZZA					SMS Option 275A	USER CONNECTION EN / FR	SHEET 18 ◀ 17 19 ▶ Software SEEV . 4.40
CHECKED : J.NEVE							
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INDEX	DATE	MODIFICATION	DES.	Document n° : 2026.07			

SHEET
19
◀ 18 20 ▶
Software SEE v. 4.40

DRAWN : K.DELLAPIAZZA					SMS Option 275A	SPECIFICATIONS DE CABLAGE 2/2	SHEET 20 ◀ 19 21 ▶
CHECKED : J.NEVE							
DATE OF CREATION : 17/01/2025	INDEX	DATE	MODIFICATION	DES.	Document n° : 2026.07		Software SEEV : 4.40

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MARK	SHEET	DESIGNATION	REFERENCE	MANUFACTURER	PCE
A1	4	BOX AX LACQUERED WITH MOUNTING PLATE 760*760*300	AX 1073.000	RITTAL	1
A2	4	TWO-PART GLAND PLATE WITH FOAM RUBBER CABLE CLAMP STRIP FOR AX	SZ 2565450	RITTAL	2
A3	4	TRIANGLE KEY LOCK	SZ 2462.000	RITTAL	2
A4	4	OUTLET FILTER	SK 3238.300	RITTAL	2
E2	4	INSPECTION WINDOW 331*277*28, IP65	L43II	FIBOX	1
M3	4	ANTENNA 10M CABLE	00PSF000000749A	CARRIER	1
M4	4	BULK-HEAD PASS COAXIAL CABLE	304-04-902	RSPRO	1
6H1	6	LED LIGHT INDICATOR, 230 VAC, ROUND, WHITE	216771 / 216374 / 216563	EATON	1
6U1	6	POWER SUPPLY, INPUT 230 VAC, OUTPUT 24 VDC	1110466	PHOENIX CONTACT	1
D1	6	CIRCUIT BREAKER 1P+N - 10A - C - 4500A/6kA	A9P22610	SCHNEIDER	1
D2	6	DIFFERENTIAL CIRCUIT BREAKER 1P+N 10A - C - 4500A/6kA - 30mA - TYPE AC	A9DA2610	SCHNEIDER	1
6P1	6	SCHUKO SOCKET Z-SD230-BS	266876	EATON	1
D3, D4, D5, D6	6	CIRCUIT BREAKER 2A - 1P+N - C - 4,5/6kA	A9P22602	SCHNEIDER	4
S1	7	ETHERNET SWITCH 8 PORTS - FL SWITCH 1008N	1085256	PHOENIX CONTACT	1
M1	7	MODEM FX30S LTE-M/NB-IOT+SIM	1105032	SIERRA	1
M2	7	ETHERNET EXTENSION FOR MODEM	381631 + 381771	SPHINX	1
C1	8	CONTROLLER WITH EMBEDDED INPUTS/OUTPUTS	TV-MPCXP1628-NR	CARRIER	1
C2	9	INPUTS/OUTPUTS CARD	TV-MPCXP10812	CARRIER	1
E1	10	TOUCH SCREEN 10"	CMT1106X	KEP	1
11S1	11	M22 KEY-OPERATED PUSHBUTTON, 3 POSITIONS, REMOVABLE KEY	216900	EATON	1
13KA	13	RELAY 1RT - 24 VDC - 6A	2903370	PHOENIX CONTACT	8
14KA	14	RELAY 1RT - 24 VDC - 6A	2903370	PHOENIX CONTACT	8
16KA	16	RELAY 1RT - 24 VDC - 6A	2903370	PHOENIX CONTACT	3
16H1	16	LED LIGHT INDICATOR, 24 VDC, ROUND, GREEN	216773 / 216374 / 216557	EATON	1
16H2	16	LED LIGHT INDICATOR, 24 VDC, ROUND, ORANGE	216774 / 216374 / 216557	EATON	1
16H3	16	LED LIGHT INDICATOR, 24 VDC, ROUND, RED	216772 / 216374 / 216557	EATON	1

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DRAWN : K.DELLAPIAZZA					SMS Option 275A	PARTS LIST	SHEET 21 ◀ 20 ▶ Software SEEv. 4.40
CHECKED : J.NEVE							
DATE OF CREATION : 17/01/2025	INDEX	DATE	MODIFICATION	DES.			
					Document n° : 2026.07		