

CHU CAEN

TGBT LUMIERE POSTE 4

SCHEMAS

AMEC SPIE

AGENCE BASSE NORMANDIE
8, rue Sophia Antipolis
BP220
14209 Herouville St Clair Cedex

No Plan Client

—

MOELLER



MOELLER-ELECTRIC S.A.S.
Parc industriel B.P.100
27101 Val de Reuil
<http://www.moeller.fr>

T? : 01.41.84.50.50 / Fax : 01.41.84.50.72

No Schema

9856

Indice
H

No Commande

No Fabrication

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F15/120723

30/5529

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INDICE	DATE	DESIGNATION	NOM	VISA	NOM	VISA	NOM	VISA
MODIFICATIONS			DESSINE		VERIFIE		APPROUVE	
H	14/12/2010	MISE A JOUR suite DEMANDE 2010-12-08 DPI-PR Mr FRUSQUE	LEPOIL		FRUSQUE			
G	02/11/2010	MISE A JOUR suite DEMANDE 2010-10-31 DPI-PR Mr FRUSQUE	LEPOIL		FRUSQUE			
F	09/06/08	MODIFICATION NUMERO TF 01 12	M.L					
E	03/07/2007	MISE A JOUR AJOUT DISJONCTEUR	M.L					
D	12/06/2006	MISE A JOUR APRES RELEVES PRODUCTION RESEAUX	AL					
C	10/03/05	MISE A JOUR SUITE DEPLACEMENT ALIM RESEAU 2 ONDULEUR INFO PAR AMEC-SPIE	N.J		J.L			
B	06/02/04	MISE A JOUR MODIFICATIONS A FAIRE SUR SITE PAR AMEC-SPIE	Y.R		SG			
A	28/01/04	TEL QUE CONSTRUIT	Y.R		SG			
O	18/11/03	POUR APPROBATION CLIENT	NA		SG		Ropertz	

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				20	Vue d'ensemble jdb&inter-ver.11-10		21
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C		MISE A JOUR		10/03/05	N.J	Becker	Cient	AMEC SPIE			N°-Commande		N°-Usine			
A		T.Q.C.		28/01/04	Y.R	Ropertz	Projet	TGBT LUMIERE Poste 4			F15/120723		30/5529			
							Sujet	-			Agence		N°-Sch?a		9856	
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	TGBT LUMIERE	.C10 .M5	CELLULE 10 MESURES ET CONTROL	1 2 3 1	Implantation face avant Implantation jeux de barres Implantation au sol Control	+10 +10 +10 +10	131 132 133 134

C	MISE A JOUR	10/03/05	N.J	Becker	Cient	AMEC SPIE		N°-Commande	N°-Usine	
A	T.Q.C.	28/01/04	Y.R	Ropertz	Projet	TGBT LUMIERE Poste 4		F15/120723	30/5529	
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		.NORMAL- SECOURS		2 3 4 1	Contrôle Contrôle Permanent Isolement-d?aut Localisateurs d?aut	+10 +10 +10	135 136 137 138
	.C11		CELLULE 11	2 1 2 3	Implantation face avant Implantation jeux de barres Implantation au sol	+10 +11 +11 +11	139 140 141 142
	.S4		COUPLAGE	1 2	Couplage Renvoi contacts	+11.10 +11.10	143 144
	.C12		CELLULE 12	1 2 3	Implantation face avant Implantation jeux de barres Implantation au sol	+12 +12 +12	145 146 147
	.S5		ARRIVEES TR3	1 2	IZMB1-4-U1000 Renvoi contacts arriv?	+12.10 +12.05	148 149
	.M6 .C13		MESURES CELLULE 13	1 2 3	Contrôle Implantation face avant Implantation jeux de barres	+12.05 +13 +13	150 151 152
	.S6		ARRIVEES TR1	1 2	IZMB1-4-U1000 Renvoi contacts arriv?	+13.10 +13.05	154 155
	.M7 .C14		MESURES CELLULE 14	1 2 3	Contrôle Implantation face avant Implantation jeux de barres	+13.05 +14 +14	156 157 158
	.LOC9		LOCALISATEURS DEFAULT	1 2	Implantation au sol FOLIO RESERVE	+14 +14	159 160
	.14A.1 .14A.2 .14B.1 .14B.2 .14C.1 .14C.2 .14D.1 .14D.2 .14E.1 .14E.2 .C15		DL 4X125A DL 4X100A DL 4X125A DL 4X80A DL 4X125A DL 4X100A DL 4X160A DL 4X63A DL 4X63A DL 4X63A CELLULE 15	1 1 1 1 1 1 1 1 1 1 2	Sch?a Sch?a Sch?a Sch?a Sch?a Sch?a Sch?a Sch?a Sch?a Sch?a Implantation face avant	+14.03L +14.03R +14.05L +14.05R +14.07L +14.07R +14.09L +14.09R +14.11L +14.11R +15	161 162 163 164 165 166 167 168 169 170 171 172
	.LOC8		LOCALISATEURS DEFAULT	2 1 3 1	Implantation jeux de barres Implantation au sol FOLIO RESERVE	+15 +15 +15	173 174 175
	.15A.1 .15A.2 .15B.1 .15B.2 .15C.1 .15C.2 .15D .15E .C16		DL 4X80A DL 4X125A DL 4X100A DL 4X125A DL 4X160A DL 4X100A DL 4X250A RESERVE PRE-EQUIPEE CELLULE 16	1 1 1 1 1 1 1 1 1	Liaisons RS485 Sch?a Sch?a Sch?a Sch?a Sch?a Sch?a Sch?a Sch?a	+15.03L +15.03R +15.05L +15.05R +15.07L +15.07R +15.09 +15.11 +16	176 177 178 179 180 181 182 183 184
	.LOC7		LOCALISATEURS DEFAULT	1 2 3 1	Implantation face avant Implantation jeux de barres Implantation au sol	+16 +16 +16	185 186 187
	.16A.1 .16A.2 .16B.1 .16B.2 .16C.1 .16C.2 .16D		RESERVE PRE-EQUIPEE RESERVE PRE-EQUIPEE RESERVE PRE-EQUIPEE RESERVE PRE-EQUIPEE RESERVE PRE-EQUIPEE RESERVE PRE-EQUIPEE DL 4X630A	2 1 1 1 1 1 1	FOLIO RESERVE Liaisons RS485 Sch?a Sch?a Sch?a Sch?a Sch?a Sch?a	+16 +16.03L +16.03R +16.05L +16.05R +16.07L +16.07R +16.11	188 189 190 191 192 193 194 195 196

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Caractéristiques des cellules

Etanchéité

☒ IP32

☐ IP54

Fermeture en partie basse

☐ Oui

☒ NON

Peinture

☒ Standard
RAL 7032

☐ Spéciale

Serrures

☐ Standard

☒ Spéciale (405E)

Accès arrière

☐ Oui

☒ NON

Jeux de barres principaux

☒ Partie haute

☐ Partie moyenne

☐ Partie basse

Courant assigné

: 4x3200A / Icw=65kAeff

Séparation du jeu de barres

ARRIVEE : ☒ Forme 4b

DEPART : ☒ Forme 3b

Réseau puissance

Tension réseau

400V/230V-50Hz

Schéma de liaison à la terre

IT

Courant présumé de court circuit au niveau du jeu de barres

35.574 kAeff

Description des sources d'alimentation

Transformateurs

Nombre : 2+2(Secours)

Puissance : 400KVA

Couplage en //

Nombre : 2

Groupes

Nombre : 1

Puissance : 1000KVA

Couplage en //

Nombre :

Couplage groupe sur réseau

☒ NON

☐ OUI

Conditions de couplage :

Circuits de commande et de mesures

Tension de commande principale

230VAC

Transformateur incorporé

☒ NON

☐ OUI

A	Modif. spécifications de c?lage	Date	10.10.03	Customer 09/01/AMEC SPEC		GENERALITES	Order No.	Factory No. =G, 4 of 39	
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Spécifications d'??tution

AVI-P

4SB462/F15-5489

9856

Spécifications de câblage

Câblage Puissance

Repérage fils cotés bornes extérieures

Bagues : L1 = Vert (Grün)
L2 = Jaune (Gelb)
L3 = Brun (Braun)
N = Bleu (Blau)

Repérage puissance plateaux fixes tiroirs câblage bornier
raccordement.

Câblage Contrôle

Circuits AC : 1 mm² 230V Noir

Circuits DC : 1 mm² 230V Noir (+ -)

Circuits non coupés par l'interrupteur général 1 mm² Bleu (Alarmes)
Violet (Consignateurs Etats)

Secondaires TC : 2,5 mm² k(S1) rouge
l(S2) noir

Repérage

☐ Non ☒ Oui

Méthode : ☒ Standard : noir / bagues jaunes

☐ Codés couleur

☐ Autre

Spécifications de câblage extérieur

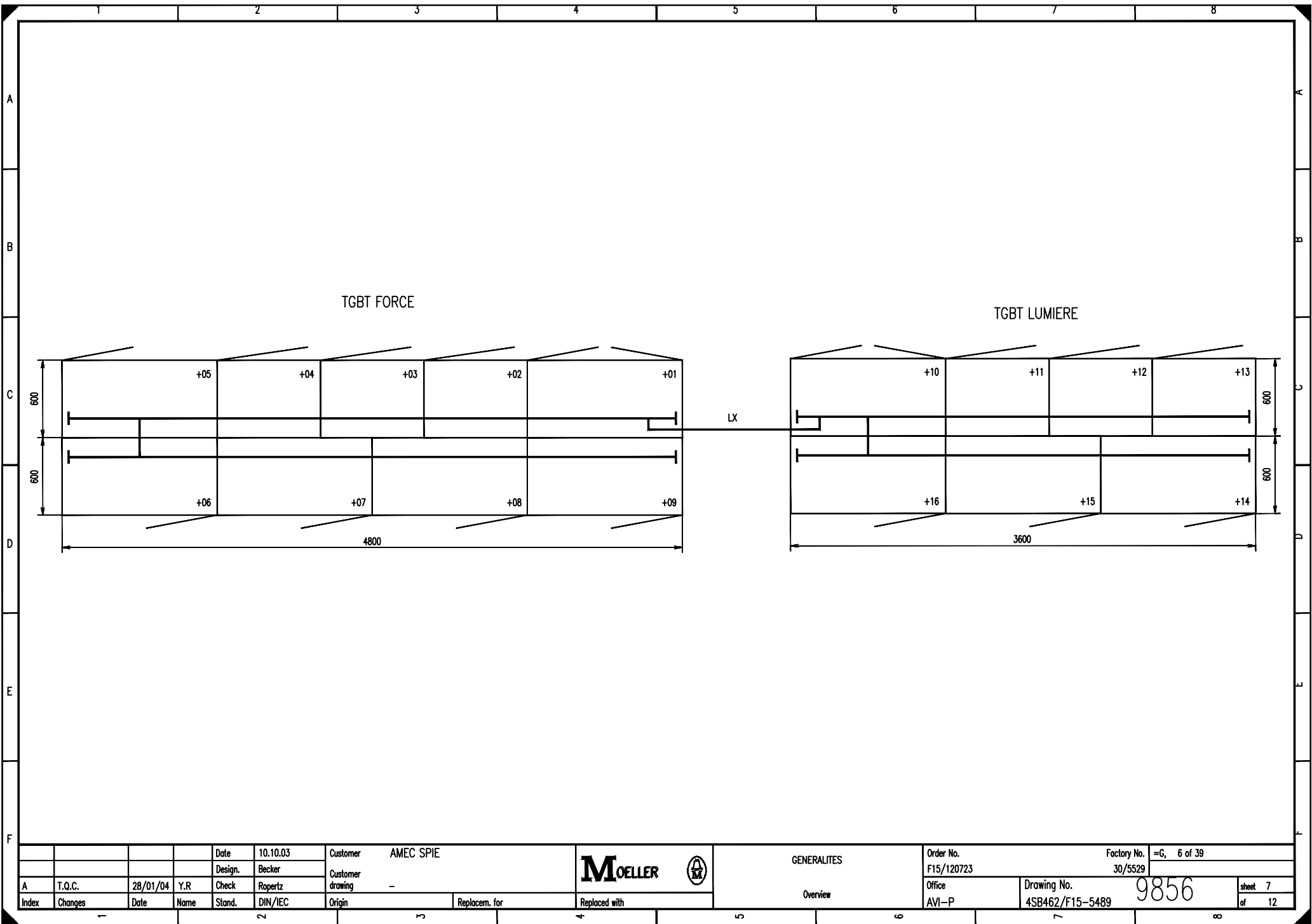
Câblage extérieur

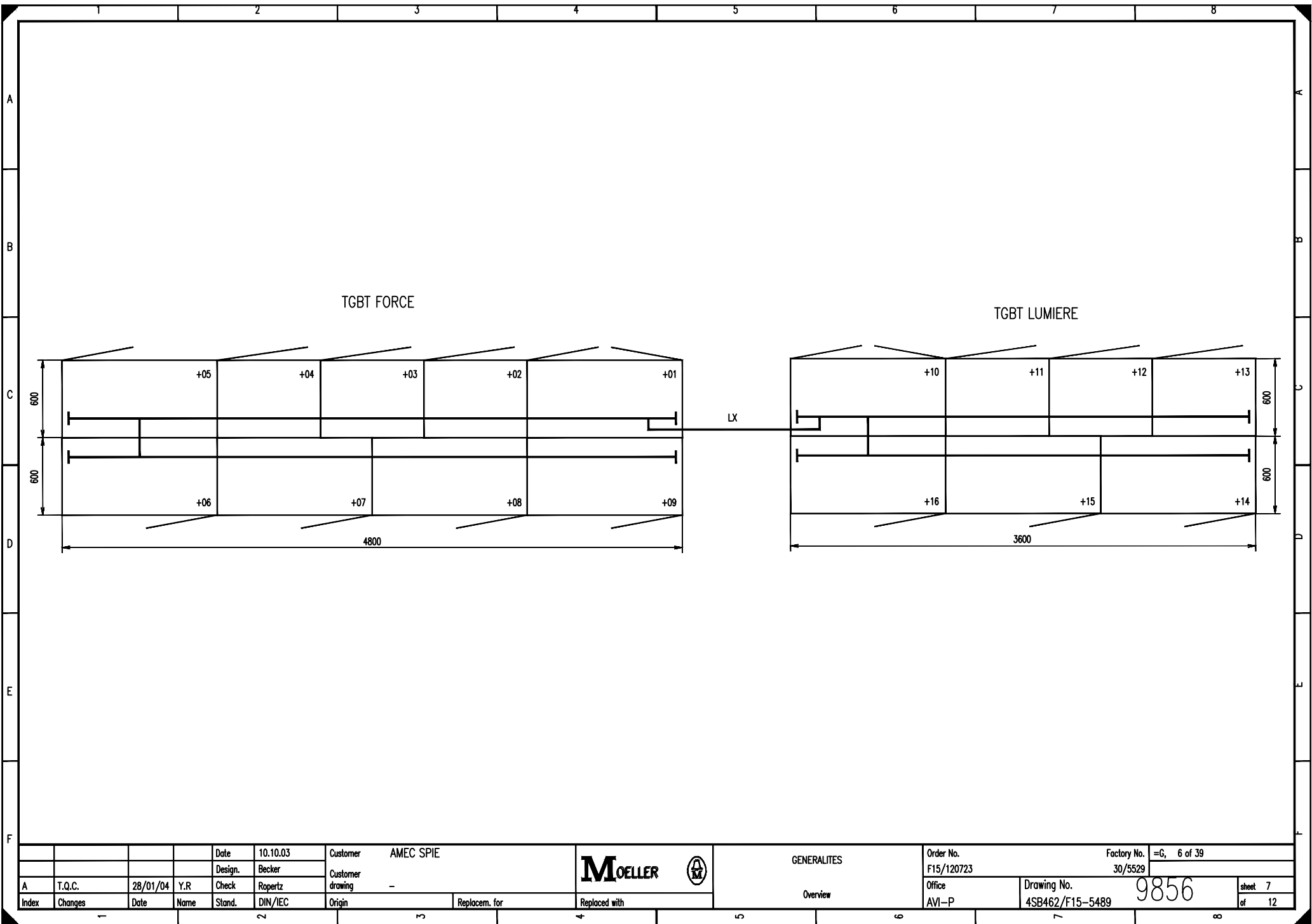
Consulter les notices livrées avec le tableau

Respecter les recommandations suivant le type de câble
(embouts, coses bi-métalliques,...)

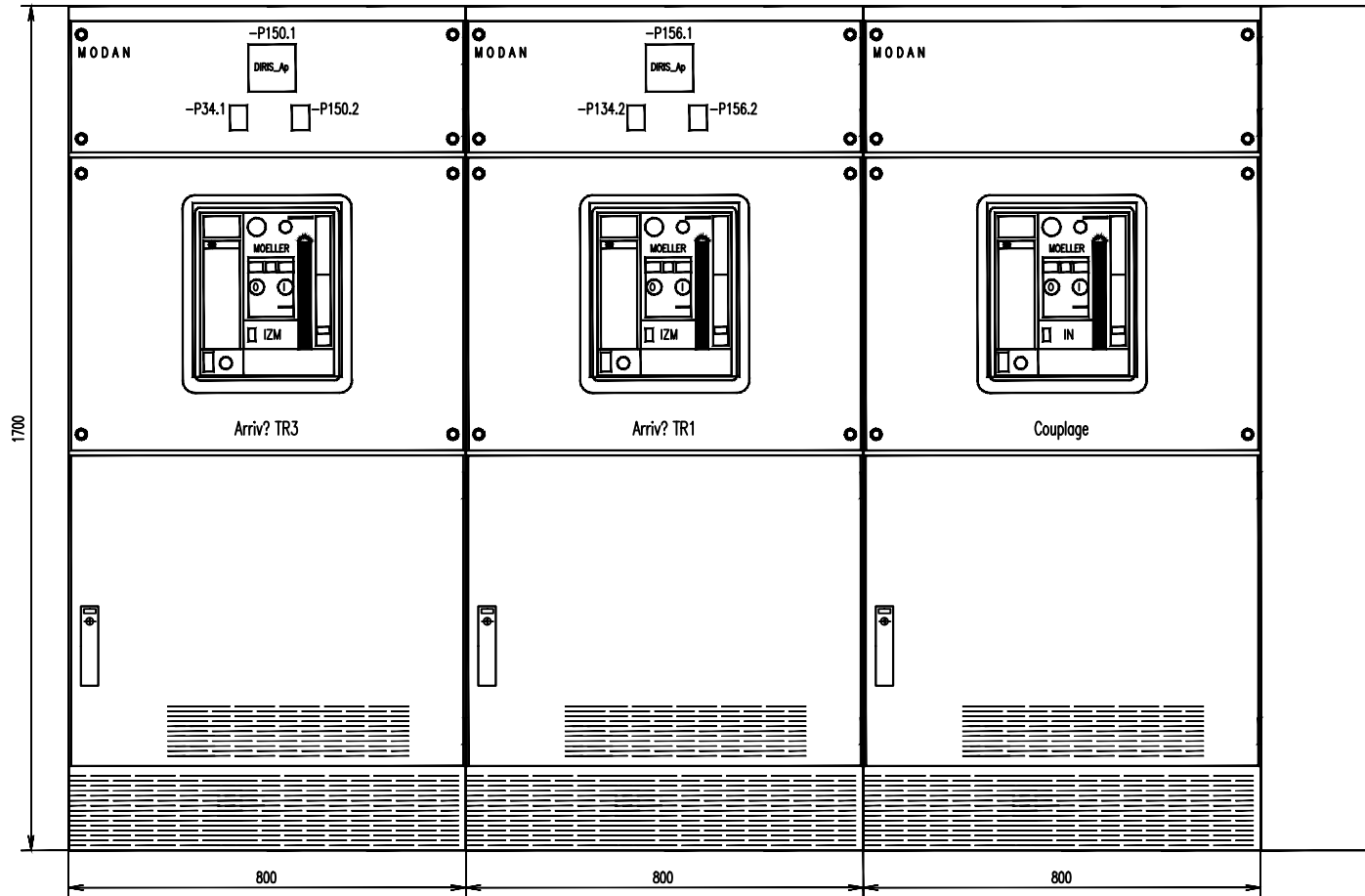
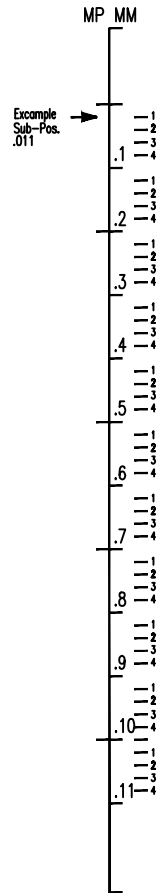
Respecter les recommandations pour les câbles ALU

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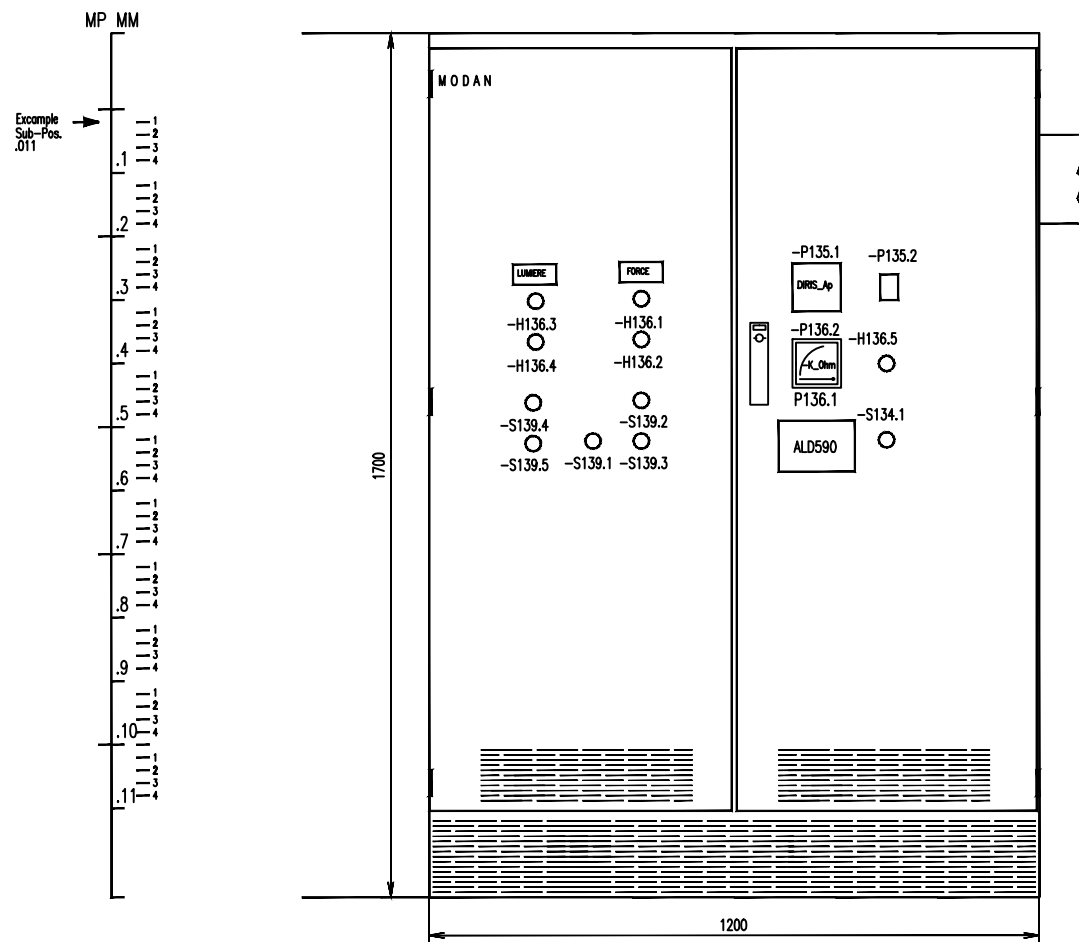
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CELLULE 11
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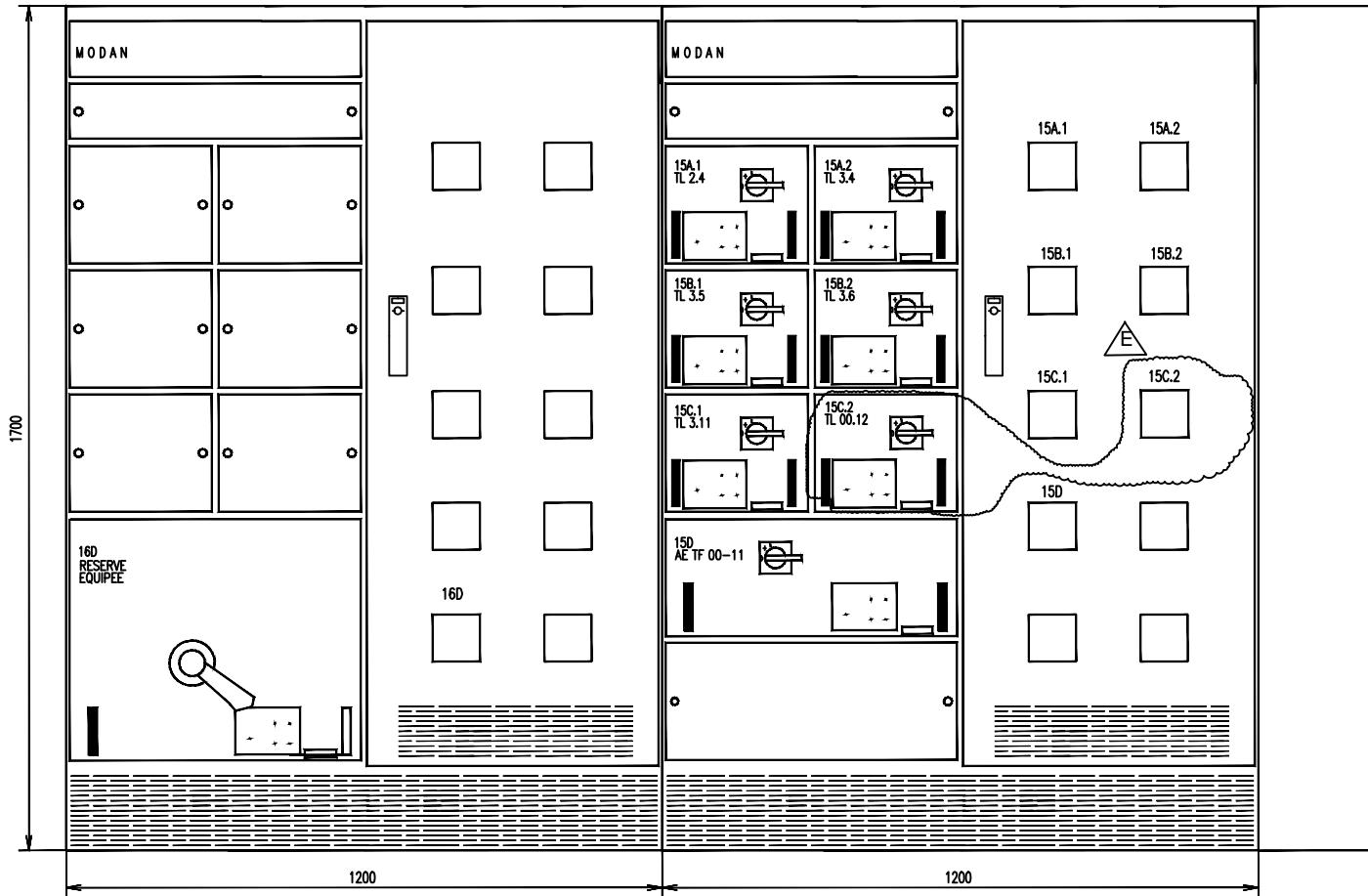
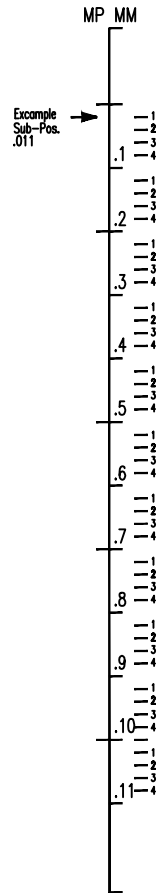
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A	T.Q.C.	28/01/04	Y.R.	Check	Ropertz	Customer drawing			–					
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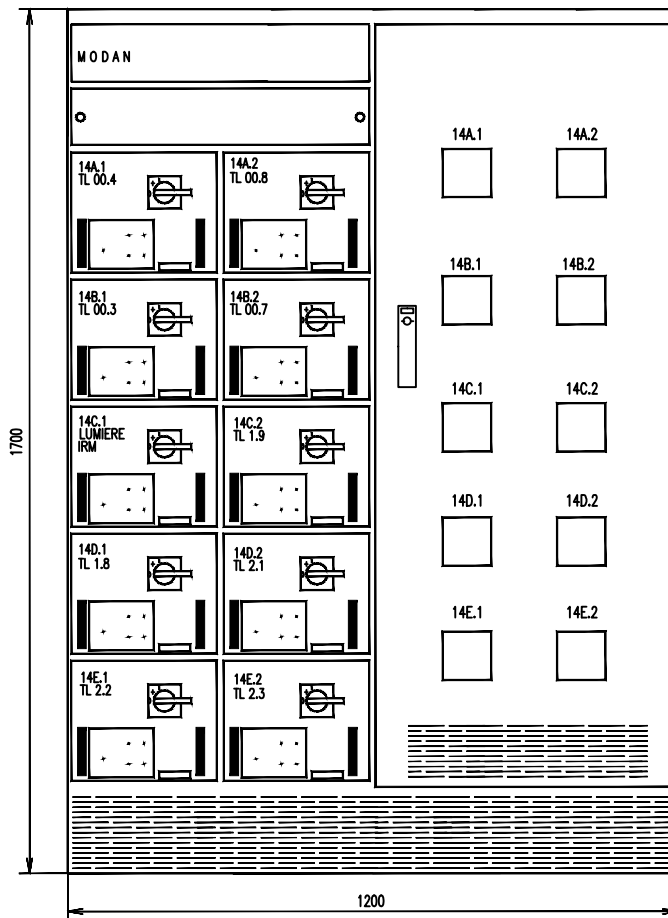
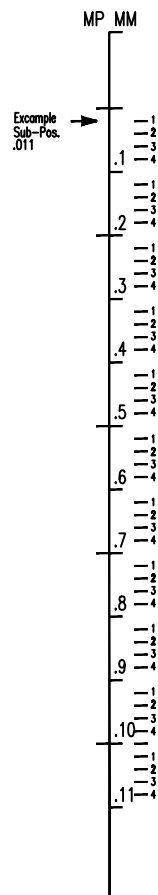


CELLULE 16
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CELLULE 15
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G	Mise à Jour	02/11/10	DPI-CPR	Date	10.10.03	Customer AMEC SPIE		MOELLER 	GENERALITES	Vue d'ensemble tableau 15-16	Order No.		Factory No.		=G, 13 of 39
E	MISE A JOUR	03/07/07	M.L	Design.	Becker	Customer					F15/120723	30/5529			
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	Customer drawing	-					Office	Drawing No.	9856	
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with			AVI-P	4SB462/F15-5489		of 15	

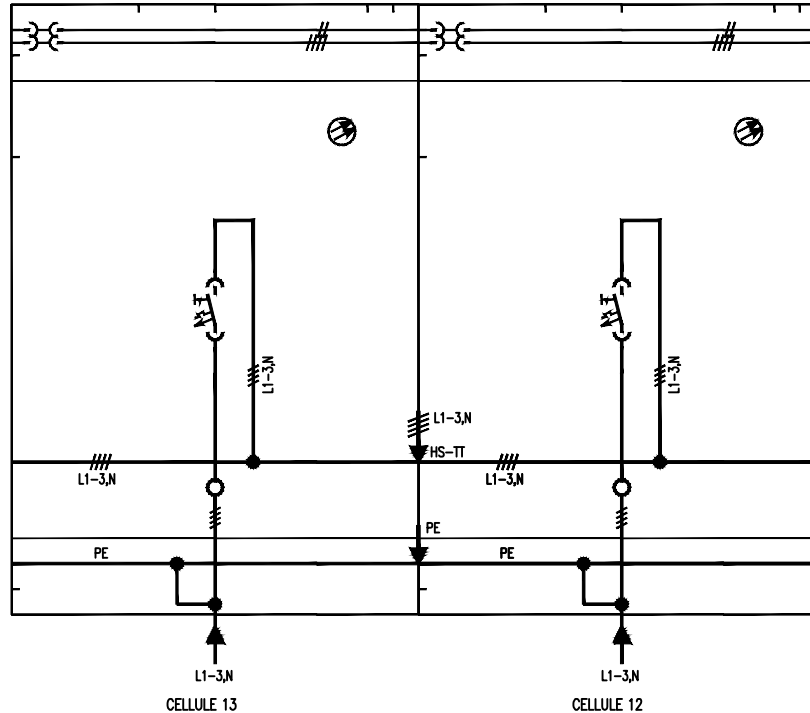
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CELLULE 14
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				Date	10.10.03	Customer	AMEC SPIE			Order No.	F15/120723	Factory No.	30/5529	=G, 14 of 39
A	T.Q.C.	28/01/04	Y.R	Design.	Becker	Customer drawing	-			Office	AVI-P	Drawing No.	4SB462/F15-5489	9856
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with	Vue d'ensemble tableau 14		sheet 15 of 20			

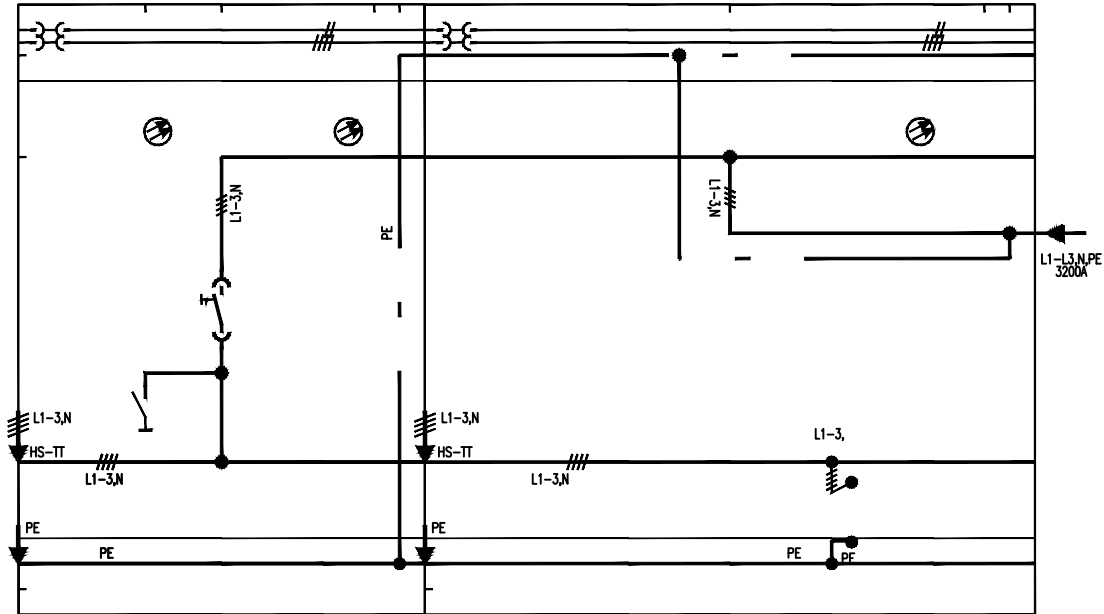
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				Date	10.10.03	Customer AMEC SPIE		MOELLER 	GENERALITES	Order No.		Factory No. =G, 19 of 39	
				Design.	Becker	Customer				F15/120723		30/5529	
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	drawing -				Office		Drawing No. 9856	
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9856

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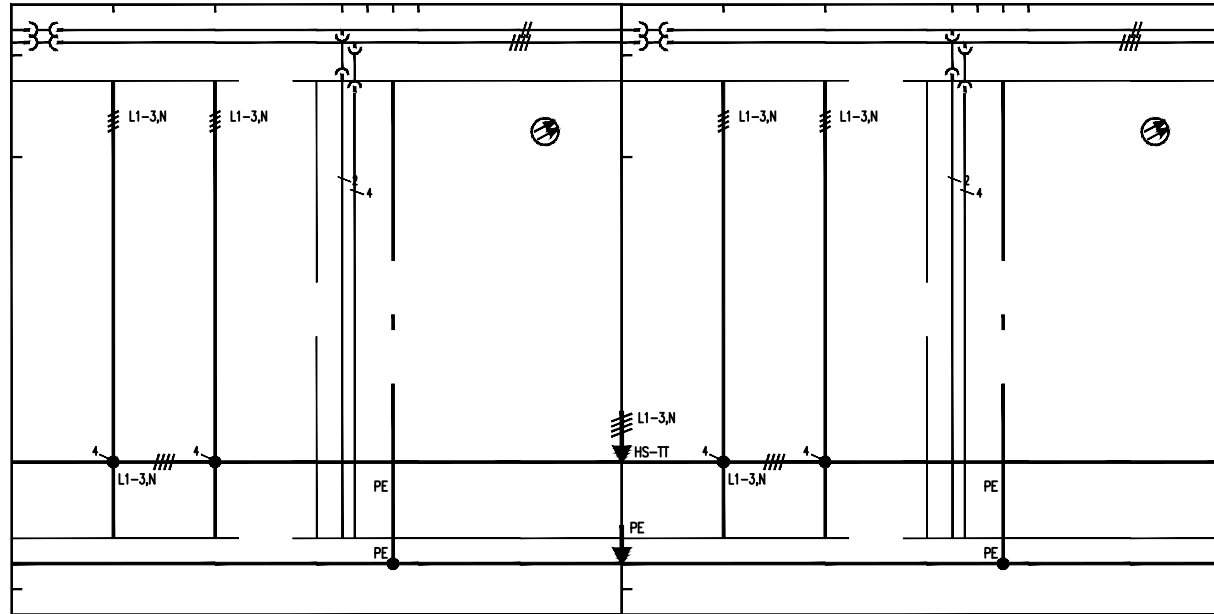
CELLULE 11

CELLULE 10

				Date	10.10.03	Customer	AMEC SPIE			Order No.	F15/120723	Factory No.	=G, 20 of 39
				Design.	Becker	Customer drawing	-			Office	F15/120723	30/5529	
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Vue d'ensemble jdb&inter-ver.11-10

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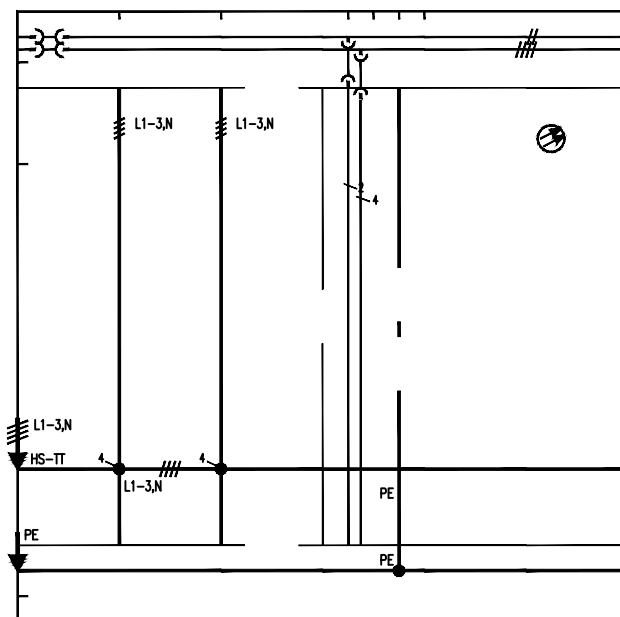


CELLULE 16

CELLULE 15

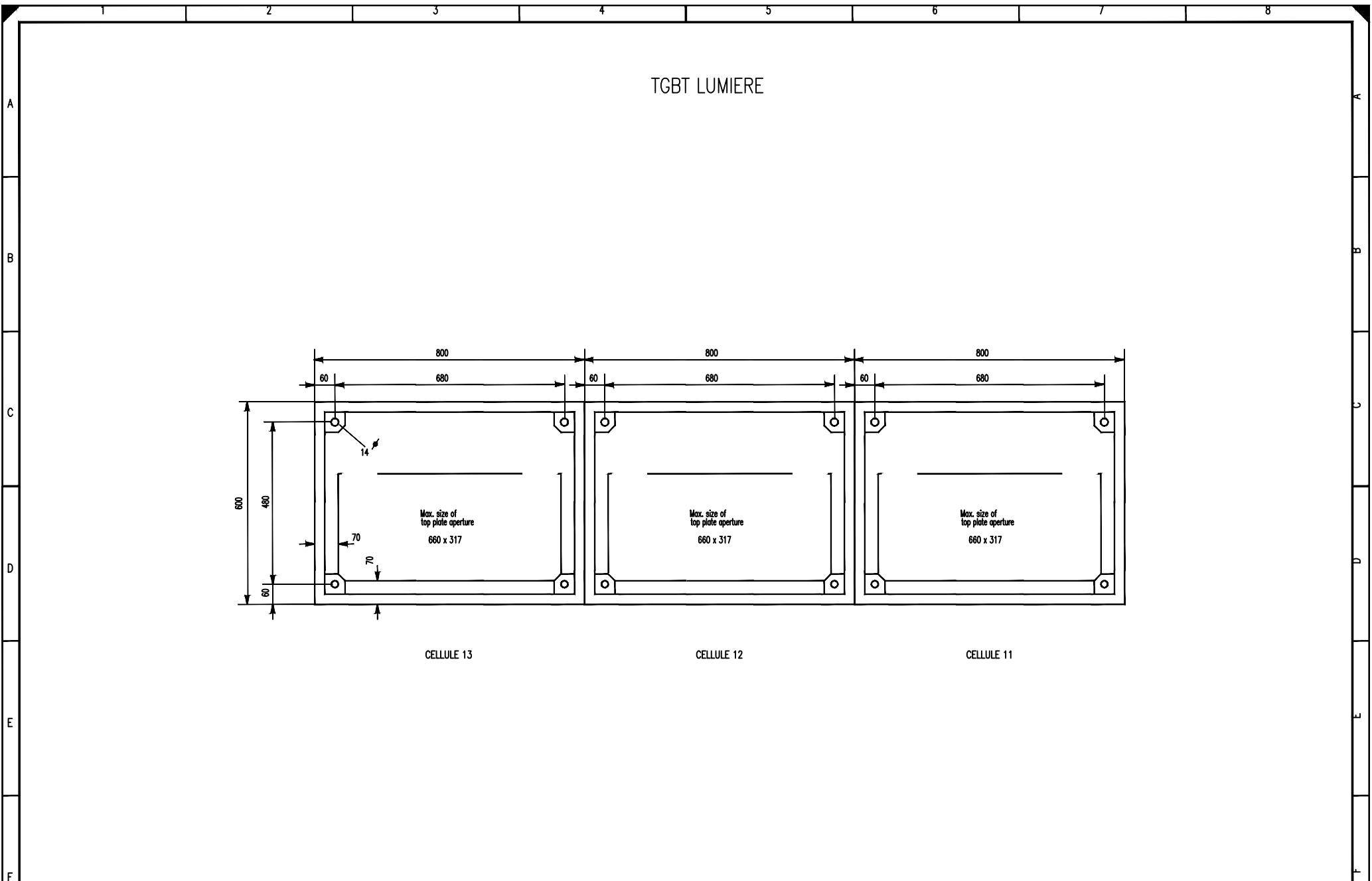
				Date	10.10.03	Customer	AMEC SPIE			Order No.	F15/120723	Factory No.	30/5529	=G, 21 of 39
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CELLULE 14

				Date	10.10.03	Customer		AMEC SPIE			GENERALITES	Order No.		Factory No.		=G, 22 of 39		
				Design.	Becker	Customer						F15/120723		30/5529				
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Technical drawing of a rectangular cell, labeled "CELLULE 10". The drawing shows the cell's dimensions and internal features.

Dimensions:

- Overall width: 1200
- Overall height: 600
- Internal width (between vertical lines): 1080
- Internal height (between horizontal lines): 480
- Top plate aperture size: 1060 x 317
- Corner radius: 14
- Internal offset: 70

Labels:

- TGBT LUMIERE
- CELLULE 10
- Max. size of top plate aperture 1060 x 317

Technical drawing of a rectangular cell, labeled "CELLULE 10". The drawing shows the cell's dimensions and internal features.

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- Overall width: 1200
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- Internal width (between vertical lines): 1080
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- Top plate aperture size: 1060 x 317
- Corner radius: 14
- Internal offset: 70

Labels:

- TGBT LUMIERE
- CELLULE 10
- Max. size of top plate aperture 1060 x 317

Technical drawing of a lighting fixture assembly, labeled "TGBT LUMIERE" and "CELLULE 10".

The drawing shows a rectangular assembly with overall dimensions of 1200 mm (width) by 600 mm (height). The main body is 1080 mm wide and 480 mm high. The mounting plate has a maximum size of 1060 mm x 317 mm. The mounting plate is secured by four screws, with dimensions indicating a 14 mm offset from the top edge and 70 mm offsets from the side and bottom edges.

Dimensions and labels:

- Overall width: 1200
- Overall height: 600
- Main body width: 1080
- Main body height: 480
- Max. size of top plate aperture: 1060 x 317
- Mounting plate offset (top): 14
- Mounting plate offset (side): 70
- Mounting plate offset (bottom): 70

Customer: AMEC SPIE

Design: Becker

Check: Ropertz

Origin: DIN/IEC

Replaced with: -

Order No. F15/120723

Office: AVI-P

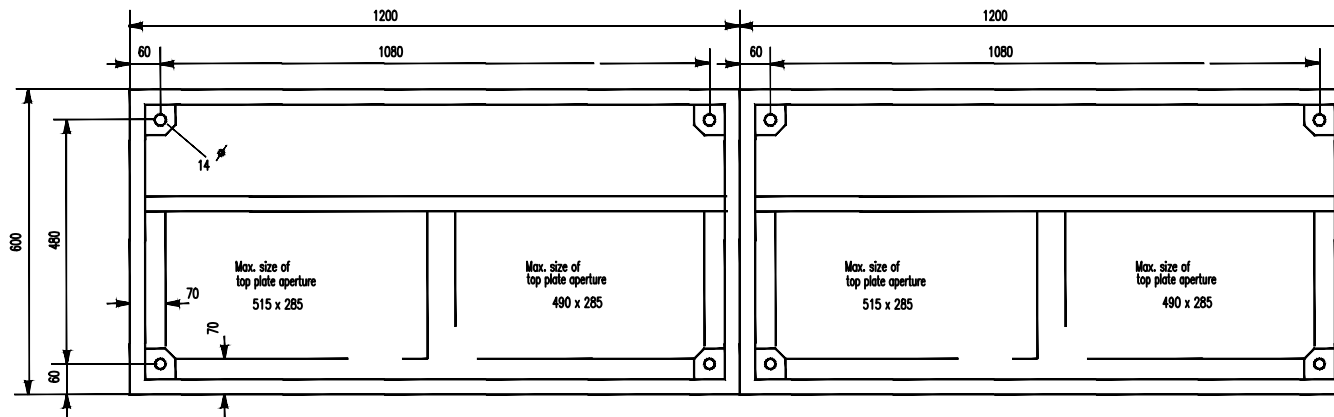
Drawing No. 4SB462/F15-5489

Factory No. 30/5529

Sheet 29 of 30

9856

TGBT LUMIERE

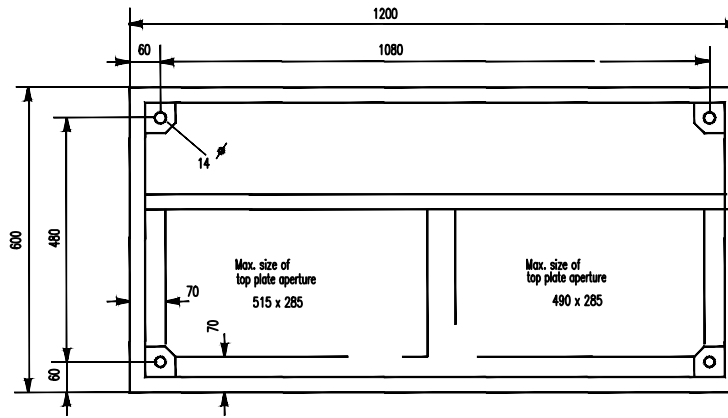


CELLULE 16


CELLULE 15

				Date	10.10.03	Customer	AMEC SPIE		GENERALITES	Order No.	F15/120723	Factory No.	30/5529	=G, 29 of 39
				Design.	Becker	Customer	drawing							
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz		-			Office		Drawing No.	4SB462/F15-5489	9856
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with	Vue d'ensemble au sol 15-16	AVI-P				sheet 30 of 31

TGBT LUMIERE



CELLULE 14

				Date	10.10.03	Customer	AMEC SPIE			Order No.	F15/120723	Factory No.	30/5529	=G, 30 of 39	
				Design.	Becker	Customer	drawing			Office	4SB462/F15-5489	Drawing No.	9856	sheet	31
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	Origin		Replacem. for		Replaced with				of	32
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin		Replacem. for		Replaced with				of	32

Vue d'ensemble au sol 14


16D
RESERVE EQUIPEE.

BOITIER MESURE
COURANT

MARCHE ARRET DEFAULT
-H1 -H2 -H3

TIROIR

PORTE

				Date	10.10.03	Customer	AMEC SPIE		MOELLER 	GENERALITES	Order No. F15/120723	Factory No. 30/5529	=G, 31 of 39	
				Design.	Becker	Customer	drawing							
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz		-							
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for		Replaced with	Face avant tiroir WP26-46	Office AVI-P	Drawing No. 4SB462/F15-5489	9856	sheet 32 of 33


16D
RESERVE EQUIPEE.

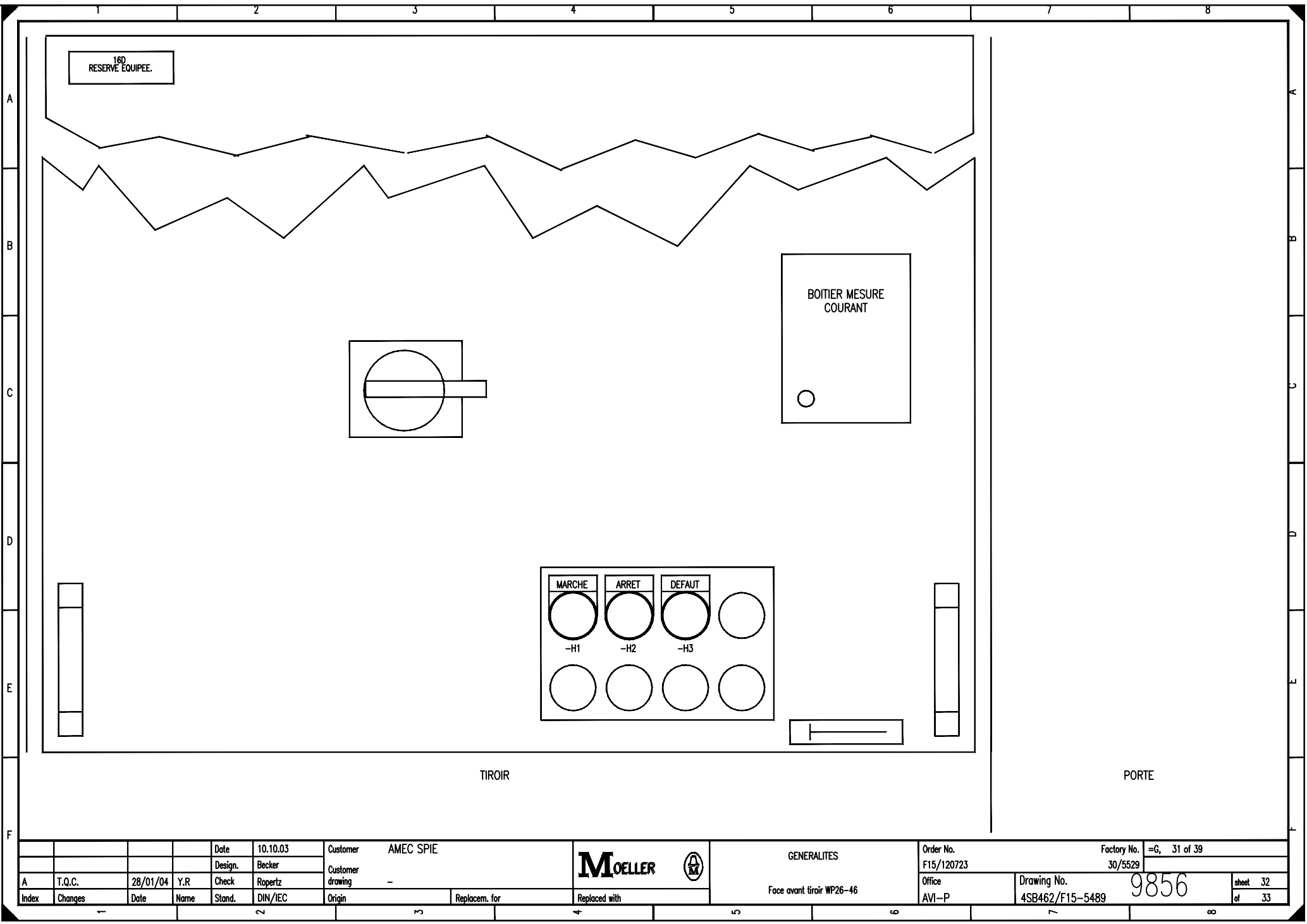
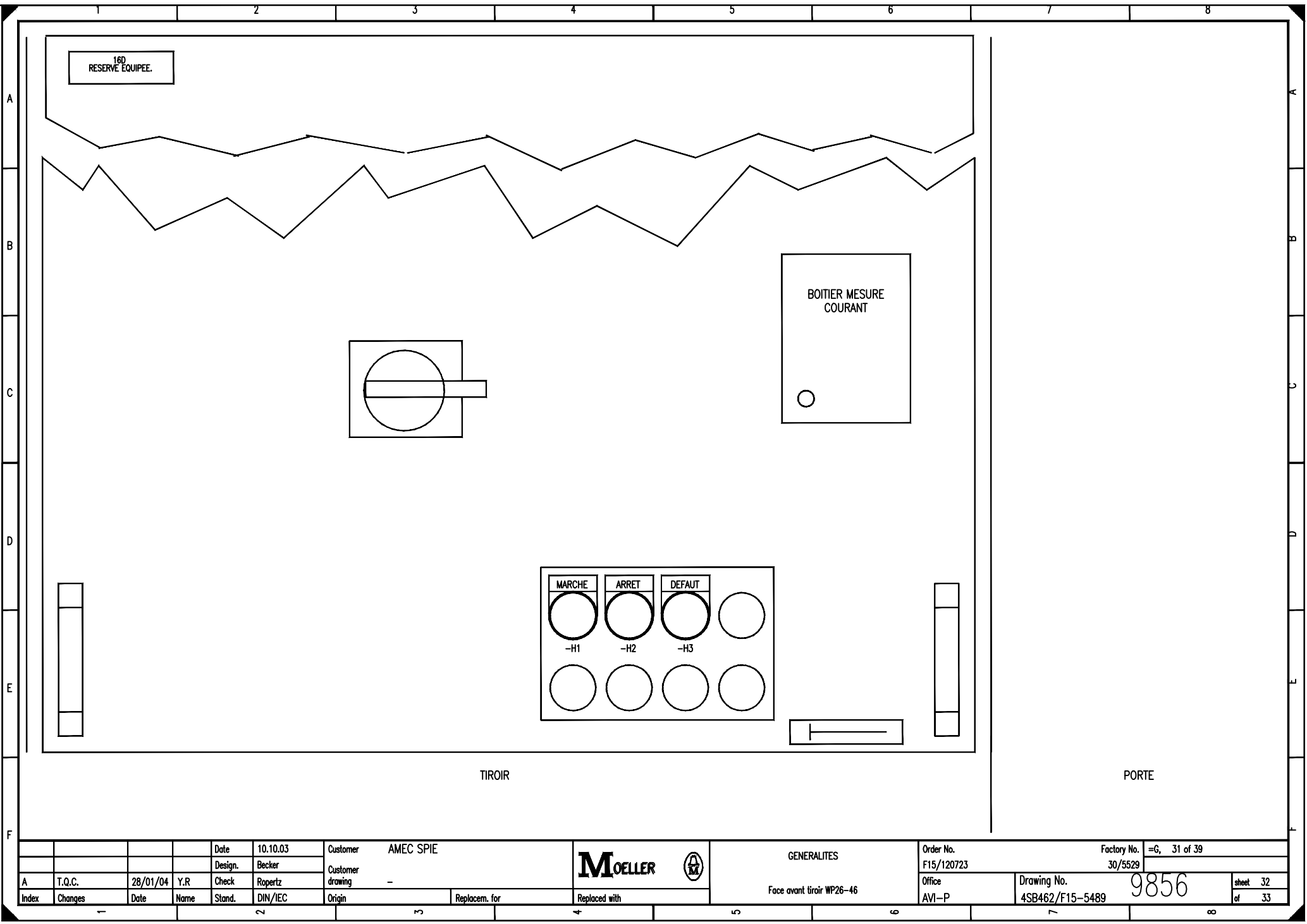
BOITIER MESURE
COURANT

MARCHE ARRET DEFAULT
-H1 -H2 -H3

TIROIR

PORTE

				Date	10.10.03	Customer	AMEC SPIE		MOELLER 	GENERALITES	Order No.	Factory No.		=G, 31 of 39	
				Design.	Becker	Customer	drawing				F15/120723	30/5529			
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz		-				Office	Drawing No.	9856		sheet
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for		Replaced with	Face avant tiroir WP26-46	AVI-P	4SB462/F15-5489		of	33




16D
RESERVE EQUIPEE.

BOITIER MESURE
COURANT

MARCHE ARRET DEFAULT
-H1 -H2 -H3

TIROIR

PORTE

				Date	10.10.03	Customer	AMEC SPIE		MOELLER 	GENERALITES	Order No. F15/120723	Factory No. 30/5529	=G, 31 of 39	
				Design.	Becker	Customer	drawing							
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz		-							
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for		Replaced with	Face avant tiroir WP26-46	Office AVI-P	Drawing No. 4SB462/F15-5489	9856	sheet 32 of 33

16D
RESERVE EQUIPEE.

BOITIER MESURE
COURANT

MARCHE ARRET DEFAULT
-H1 -H2 -H3

TIROIR

PORTE

	Date	10.10.03	Customer	AMEC SPIE
A	T.Q.C.	28/01/04	Y.R.	Check
Index	Changes	Date	Name	Stand.
				DIN/IEC
			Origin	Replacem. for
			Replaced with	

Moeller

GENERALITES

Order No. F15/120723

Office AVI-P

Factory No. 30/5529

Drawing No. 4SB462/F15-5489

9856

sheet 32 of 33

16D
RESERVE EQUIPEE.

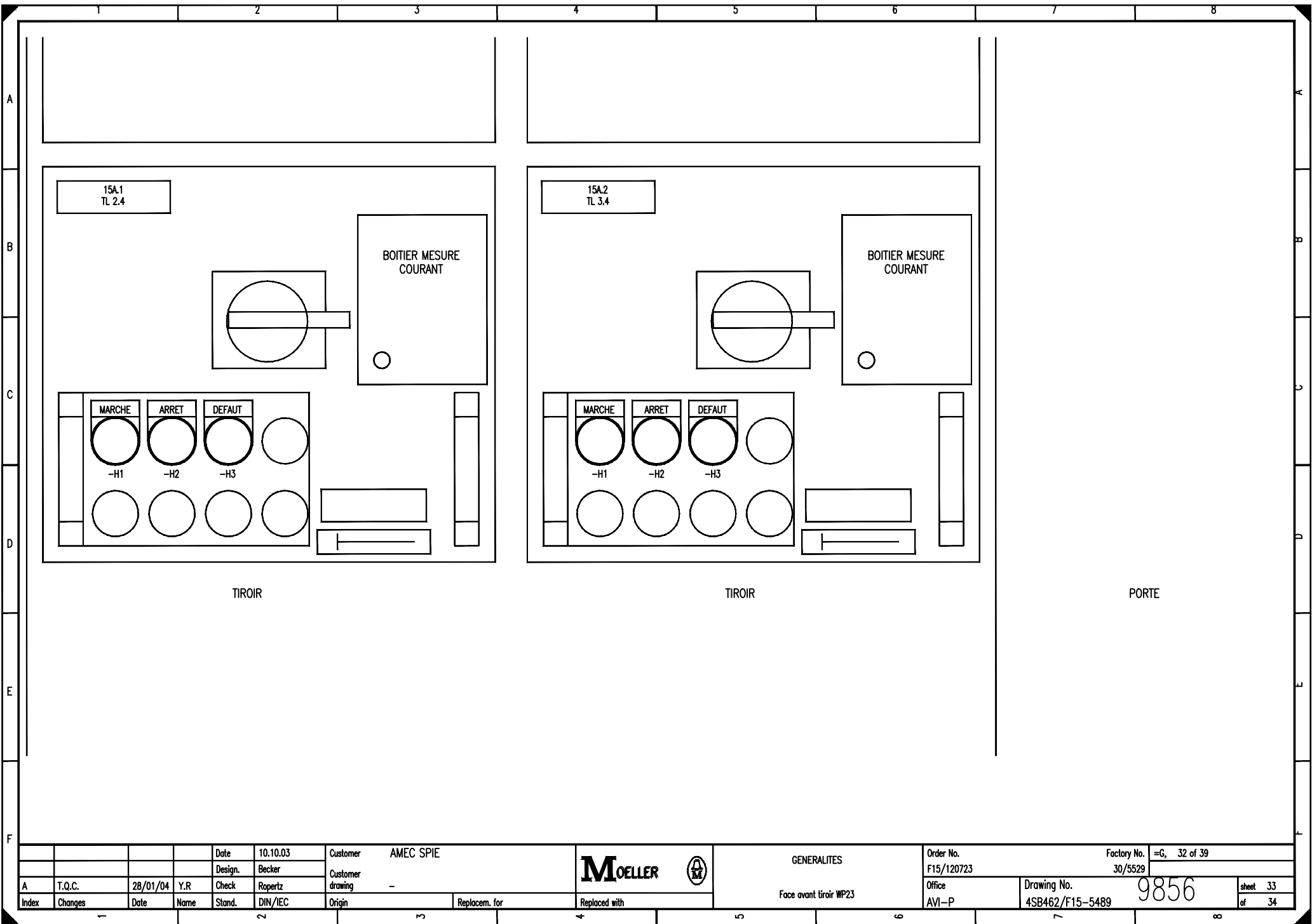
BOITIER MESURE
COURANT

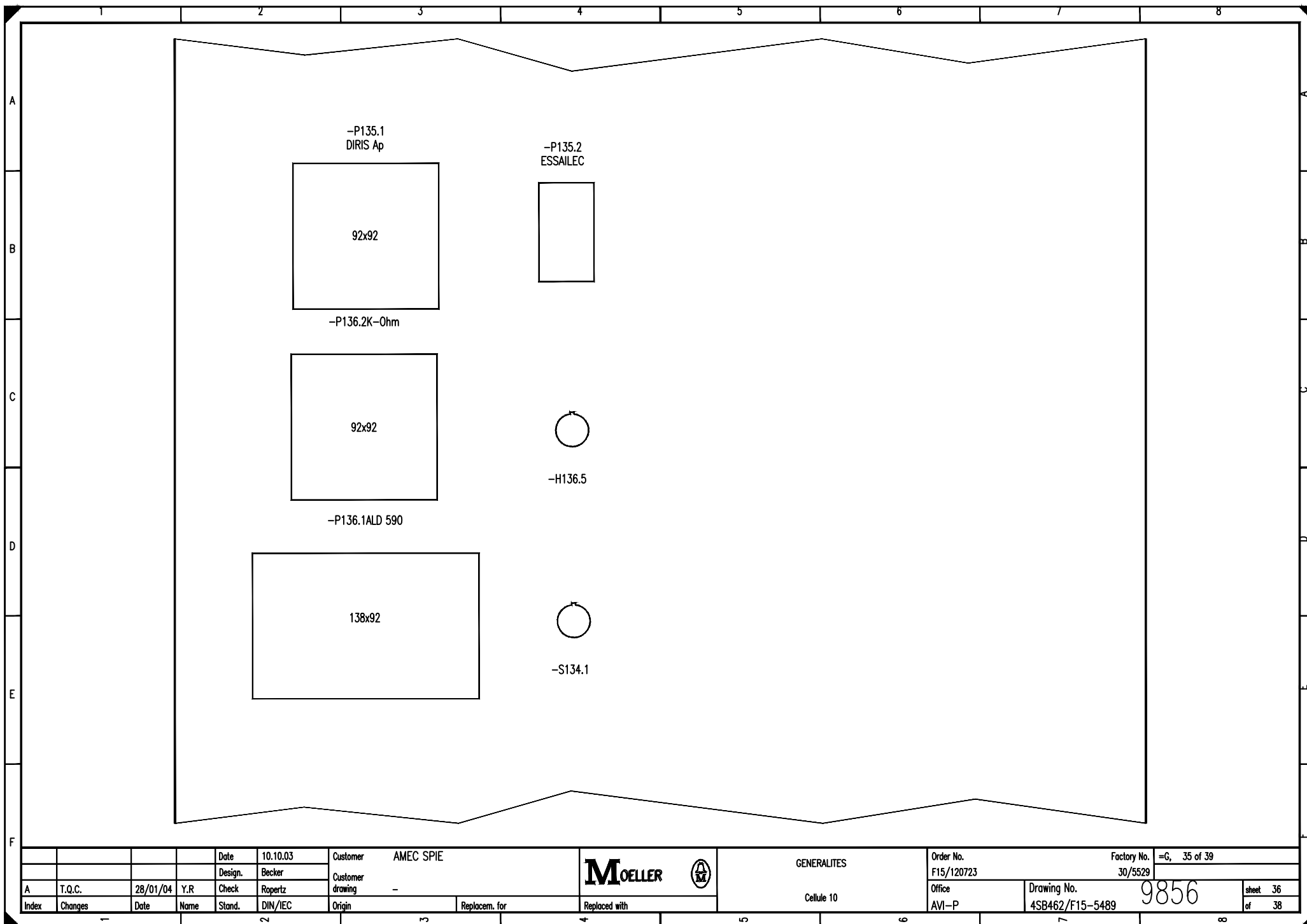
MARCHE ARRET DEFAULT
-H1 -H2 -H3


TIROIR

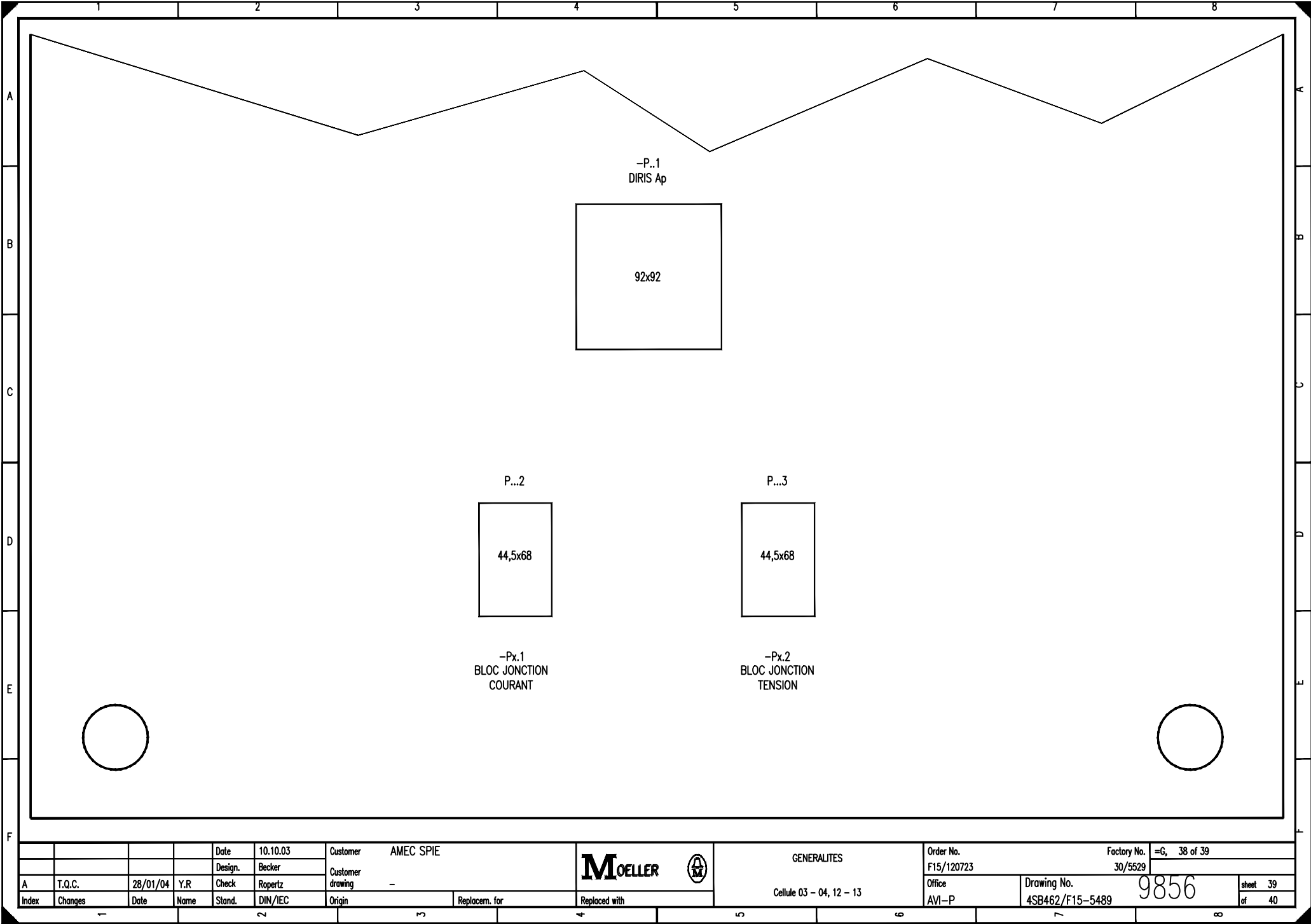
PORTE

				Date	10.10.03	Customer	AMEC SPIE			Order No.	Factory No.	=G, 31 of 39
				Design.	Becker	Customer				F15/120723	30/5529	
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	Customer	-			Office	Drawing No.	9856
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI-P	4SB462/F15-5489	sheet 32 of 33

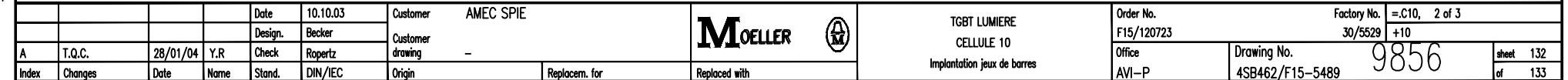


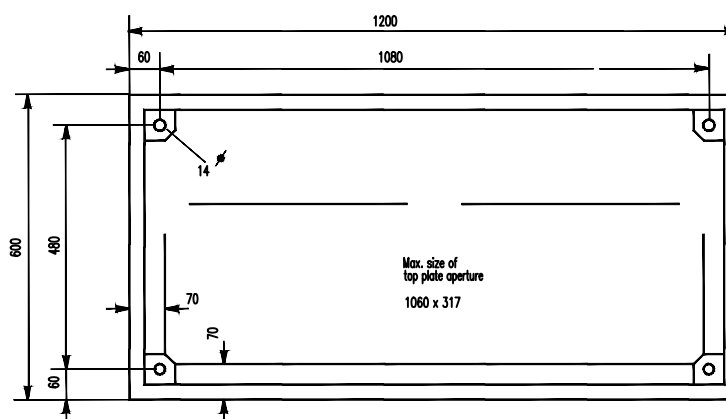


1		2		3		4		5		6		7		8						
A																A				
B																B				
C																C				
D																D				
E																E				
F																F				
				Date	10.10.03	Customer	AMEC SPIE			MOELLER 		GENERALITES		Order No.	F15/120723		Factory No.	=G, 37 of 39		
A	T.Q.C.	28/01/04	Y.R	Design.	Becker	Customer	drawing			-		Cellule 11		Office	Drawing No.		30/5529		sheet	38
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for			Replaced with		AVI-P		4SB462/F15-5489		9856		of	39	

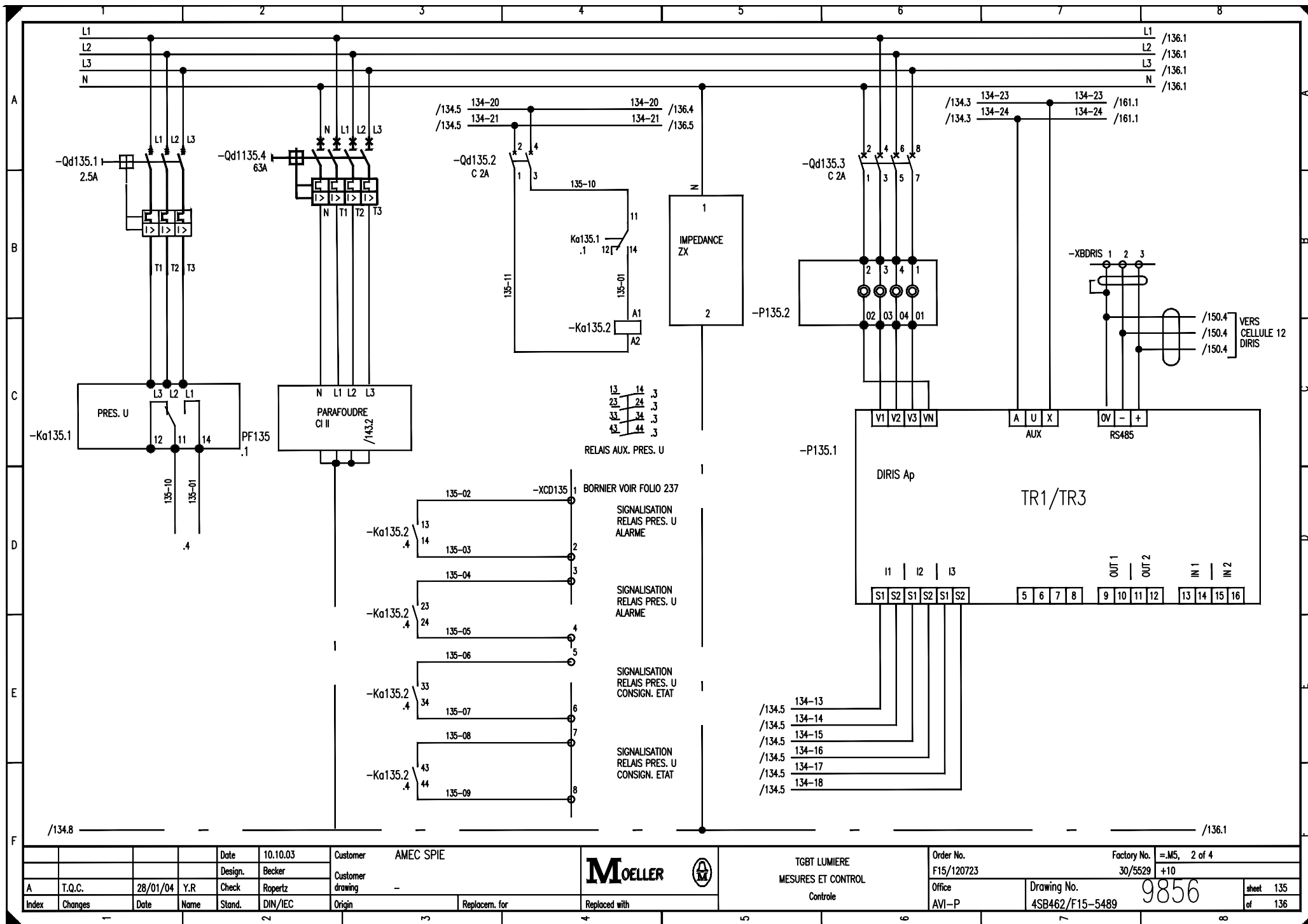


				Date	10.10.03	Customer AMEC SPIE		MOELLER 	GENERALITES	Order No.		Factory No.		=G, 38 of 39	
			Design.	Becker	F15/120723					30/5529					
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	drawing -				Cellule 03 - 04, 12 - 13	Office	Drawing No.		9856	
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with	AVI-P		4SB462/F15-5489				of 40





				Date	10.10.03	Customer AMEC SPIE			M OELLER 	TGBT LUMIERE CELLULE 10 Implantation au sol	Order No.		Factory No.		=C10, 3 of 3		
				Design.	Becker	Customer					F15/120723	30/5529		+10			
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	drawing -					Office	Drawing No.		9856			
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for		Replaced with		AVI-P		4SB462/F15-5489		sheet 133		
															of 134		



MOELLER

TGBT LUMIERE
MESURES ET CONTROL
Controlé

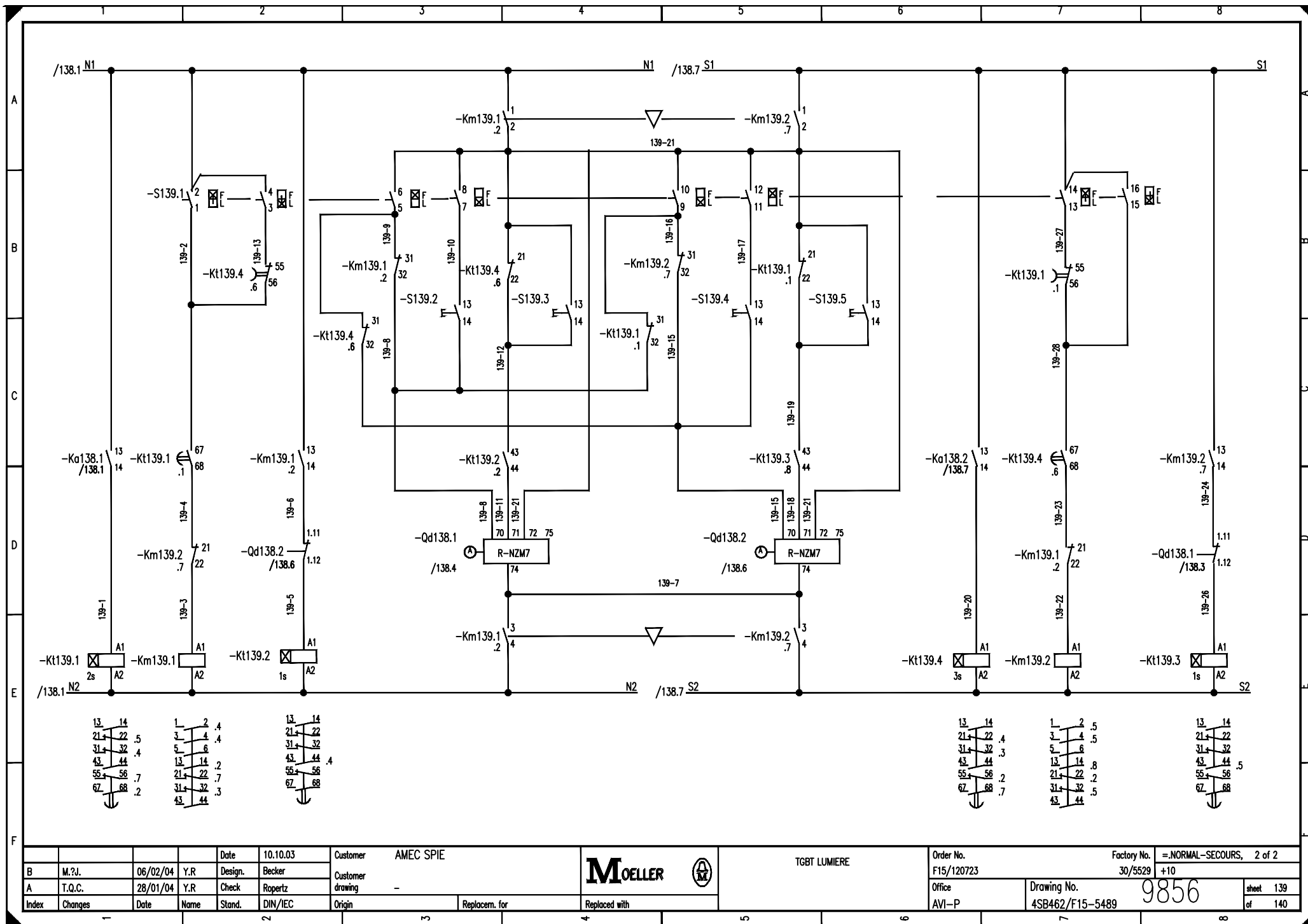
Order No.
F15/120723
Office
AVI-P

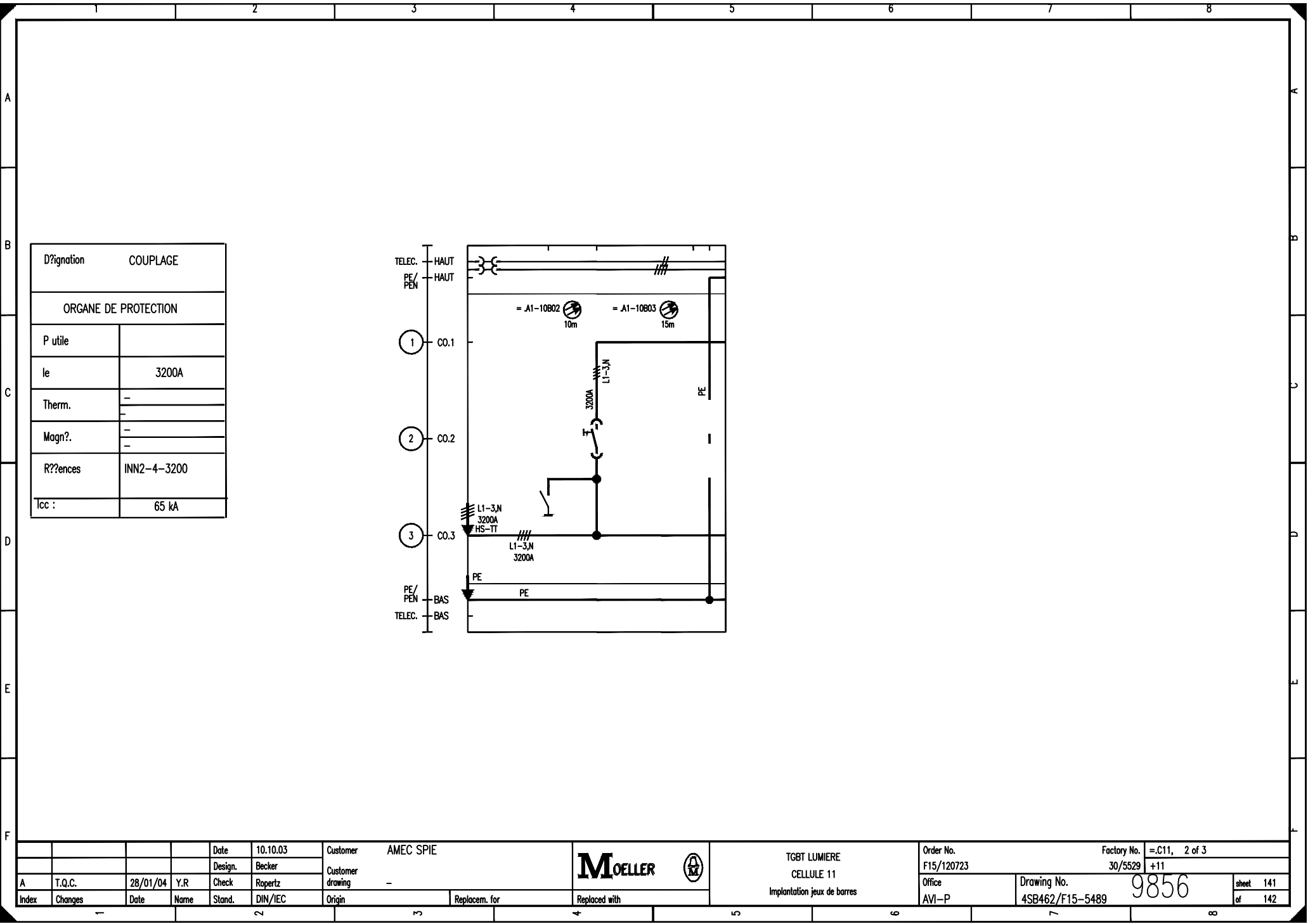
Factory No.
30/5529
+10

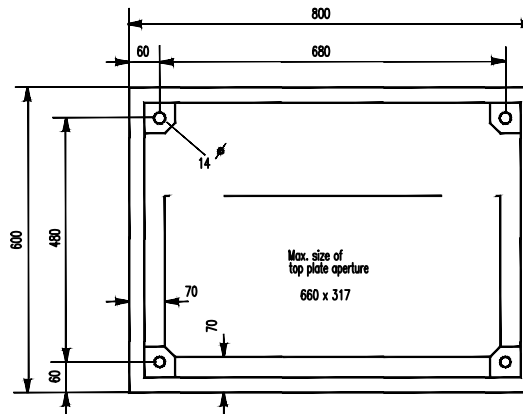
Drawing No.
4SB462/F15-5489


9856

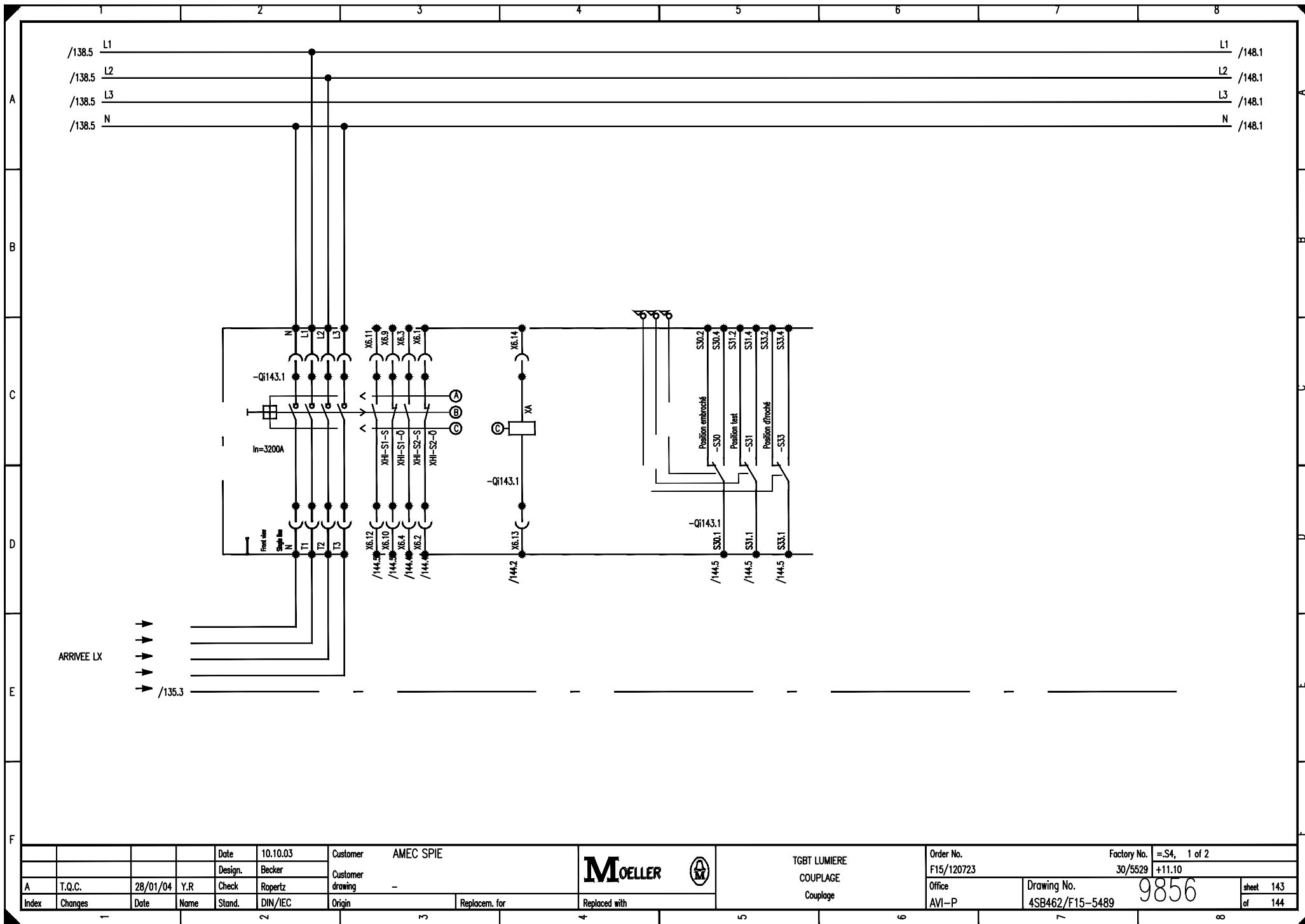
sheet 135
of 136



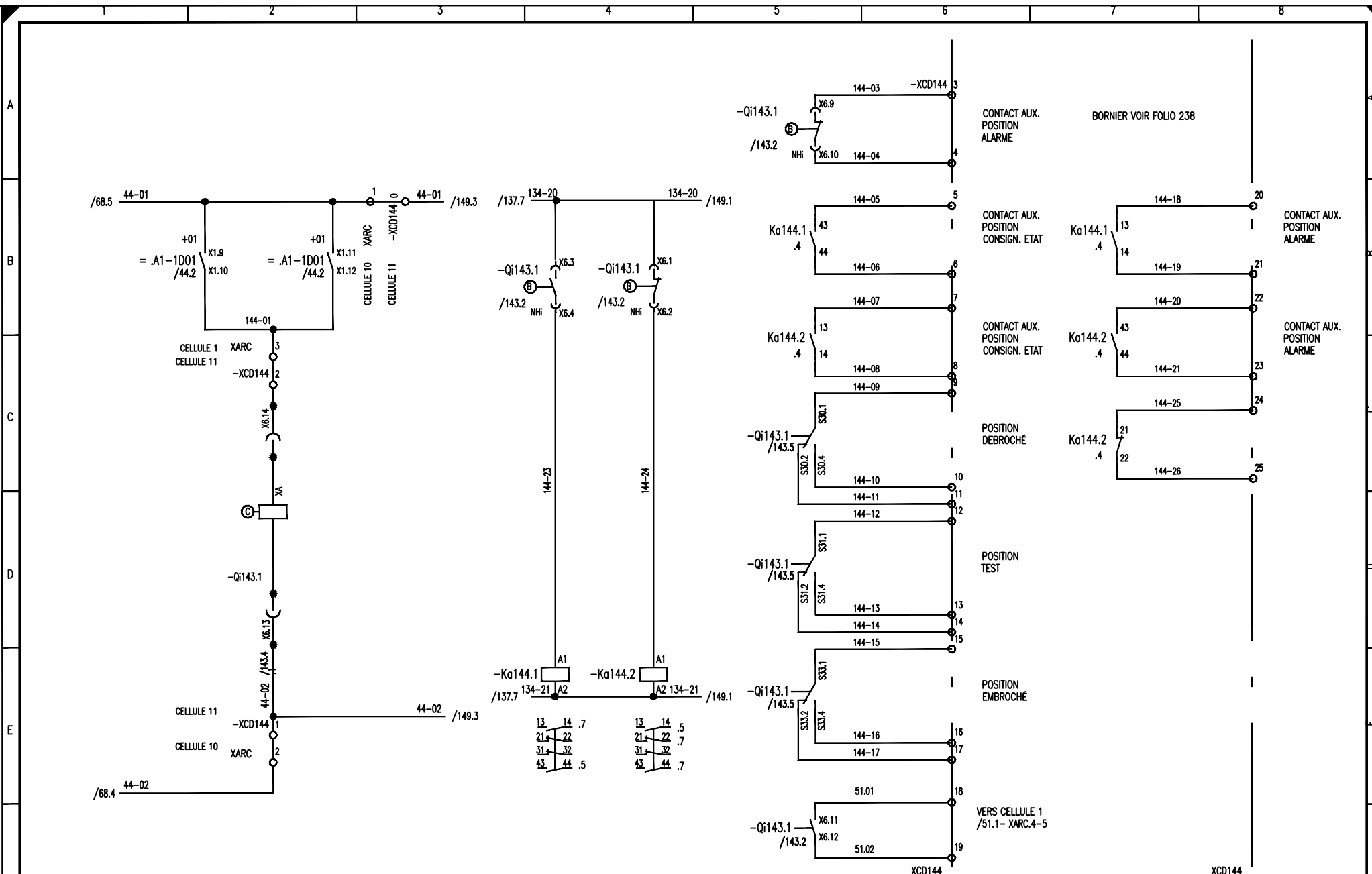




				Date	10.10.03	Customer		AMEC SPIE		MOELLER 	TGBT LUMIERE CELLULE 11 Implantation au sol	Order No.		Factory No.		=C11, 3 of 3			
				Design.	Becker	Customer						F15/120723	30/5529		+11				
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	drawing		-					Office	Drawing No.		9856		sheet	142
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for		Replaced with			AVI-P	4SB462/F15-5489				of	143	



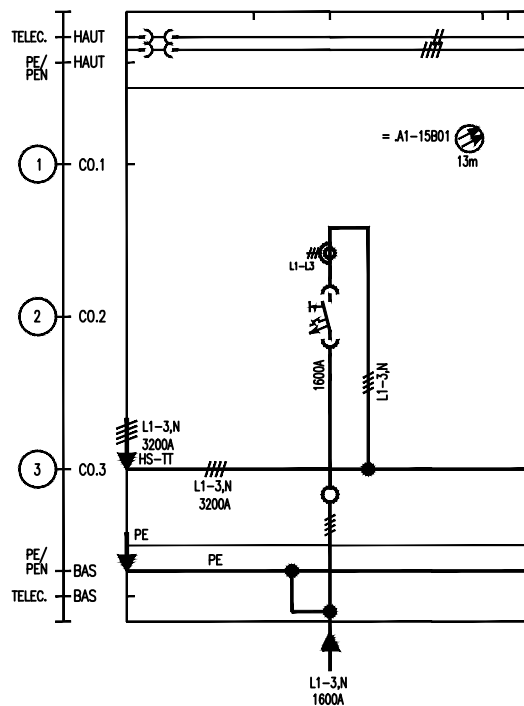
				Date	10.10.03	Customer		AMEC SPIE		TGBT LUMIERE		Order No.		Factory No.		=S4, 1 of 2	
				Design.	Becker					COUPLAGE		F15/120723		30/5529		+11.10	
A		T.Q.C.		28/01/04	Y.R	Check		Ropertz		Couplage		Office		Drawing No.		9856	
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with			AVI-P		4SB462/F15-5489				sheet 143
																of 144	



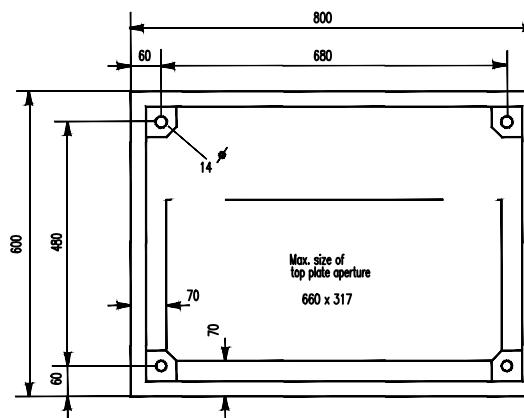
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A		T.Q.C.	28/01/04	Y.R.	Check	Repertz				Customer AMEC SPIE		Design. Becker		Date 10.10.03		




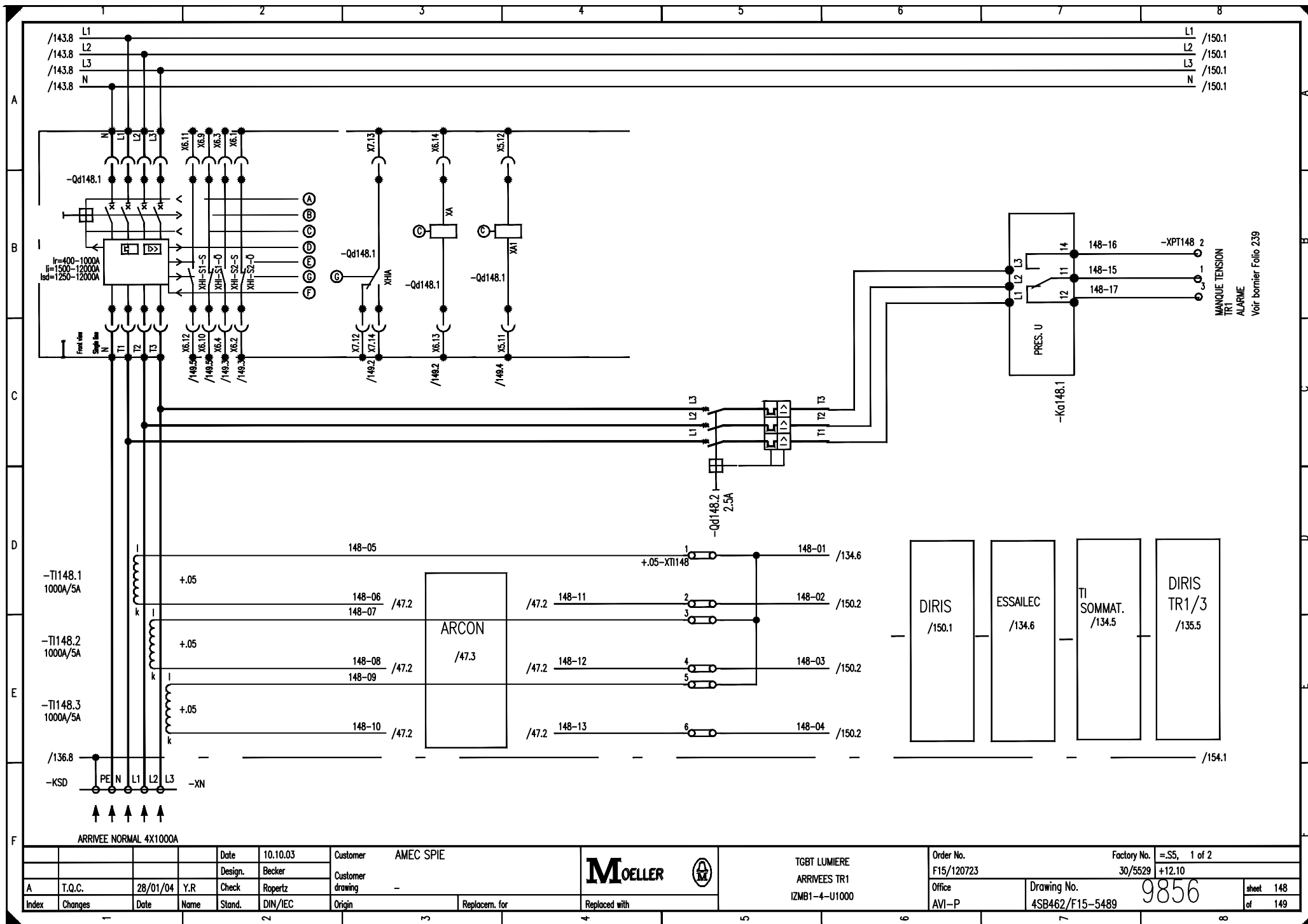
Désignation	ARRIVEE TR1
ORGANE DE PROTECTION	
P utile	
Ie	1000A
Therm.	400 ?1000A 578A
Magn?.	1250 ?12000A 3161A
Références	IZMB1-4-U1000
Icc mat?iel:	50 kA
Icc :	Icc 3 : 35.574 kA Icc 1 : 33.787 kA



				Date	10.10.03	Customer AMEC SPIE MOELLER 			TGBT LUMIERE CELLULE 12 Implantation jeux de barres	Order No.	Factory No.	=C12, 2 of 3	
			Design.	Becker	Customer drawing					-	F15/120723	30/5529	+12
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz								
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		Office	Drawing No.	9856	sheet 146
										AVI-P	4SB462/F15-5489		of 147



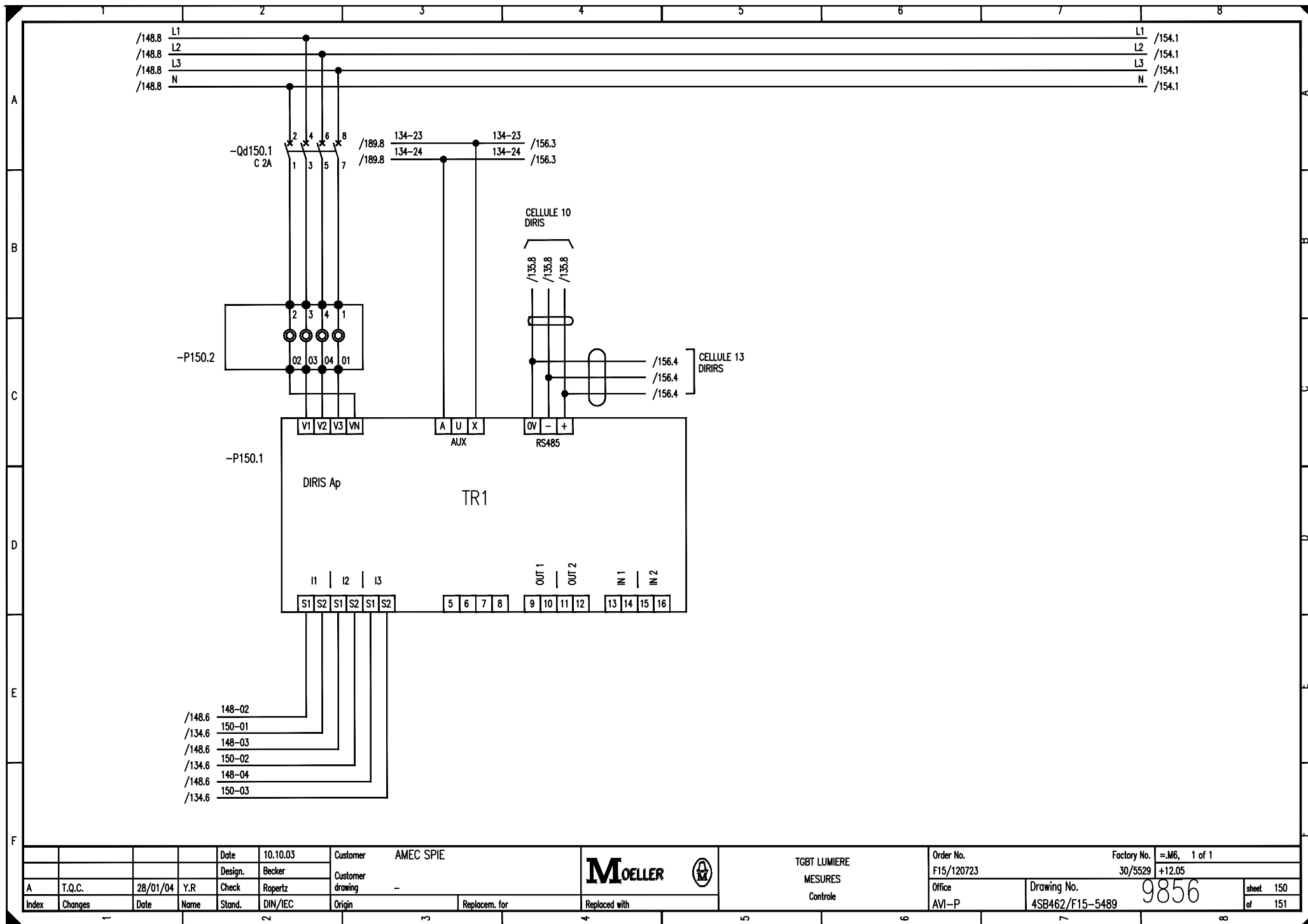
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				Design.	Becker	Customer									F15/120723	30/5529	+12	
A	T.Q.C.	28/01/04	Y.R	Check	Repertz	drawing		-										
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with							Office	Drawing No.	9856	sheet 147
															AVI-P	4SB462/F15-5489		of 148



Date				Customer				Order No.				Factory No.			
10.10.03				AMEC SPIE				F15/120723				=S5, 1 of 2			
Design.				Customer				Office				Drawing No.			
Becker				-				AVI-P				4SB462/F15-5489			
Check				Origin				Replacem. for				Replaced with			
Ropertz															
DIN/IEC															
Index				Changes				Date				Name			
T.Q.C.				28/01/04				Y.R				Sheet			
												148			
												of			
												149			

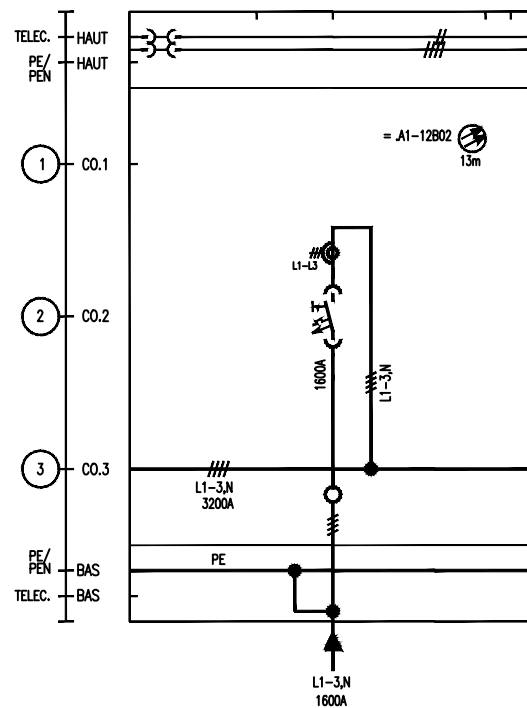
MANQUE TENSION
TR1
ALARME
Voir bornier Folio 239

9856

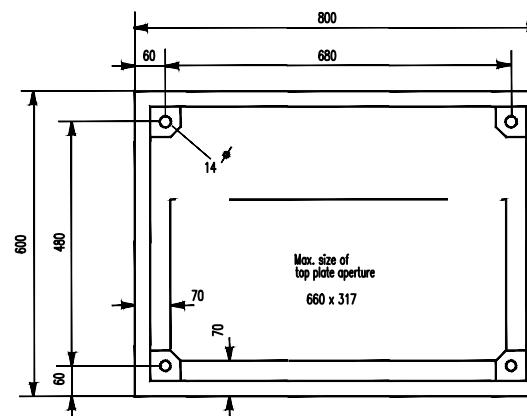


				Date	10.10.03	Customer		AMEC SPIE											Order No.	Factory No.		=M6, 1 of 1	
				Design.	Becker														F15/120723	30/5529		+12.05	
A				T.Q.C.	28/01/04	Y.R.		Check	Ropertz										Office	Drawing No.		9856	
Index				Changes	Date	Name		Stand.	DIN/IEC		Origin		Replacem. for		Replaced with				AVI-P	4SB462/F15-5489		sheet 150	
																				of 151			

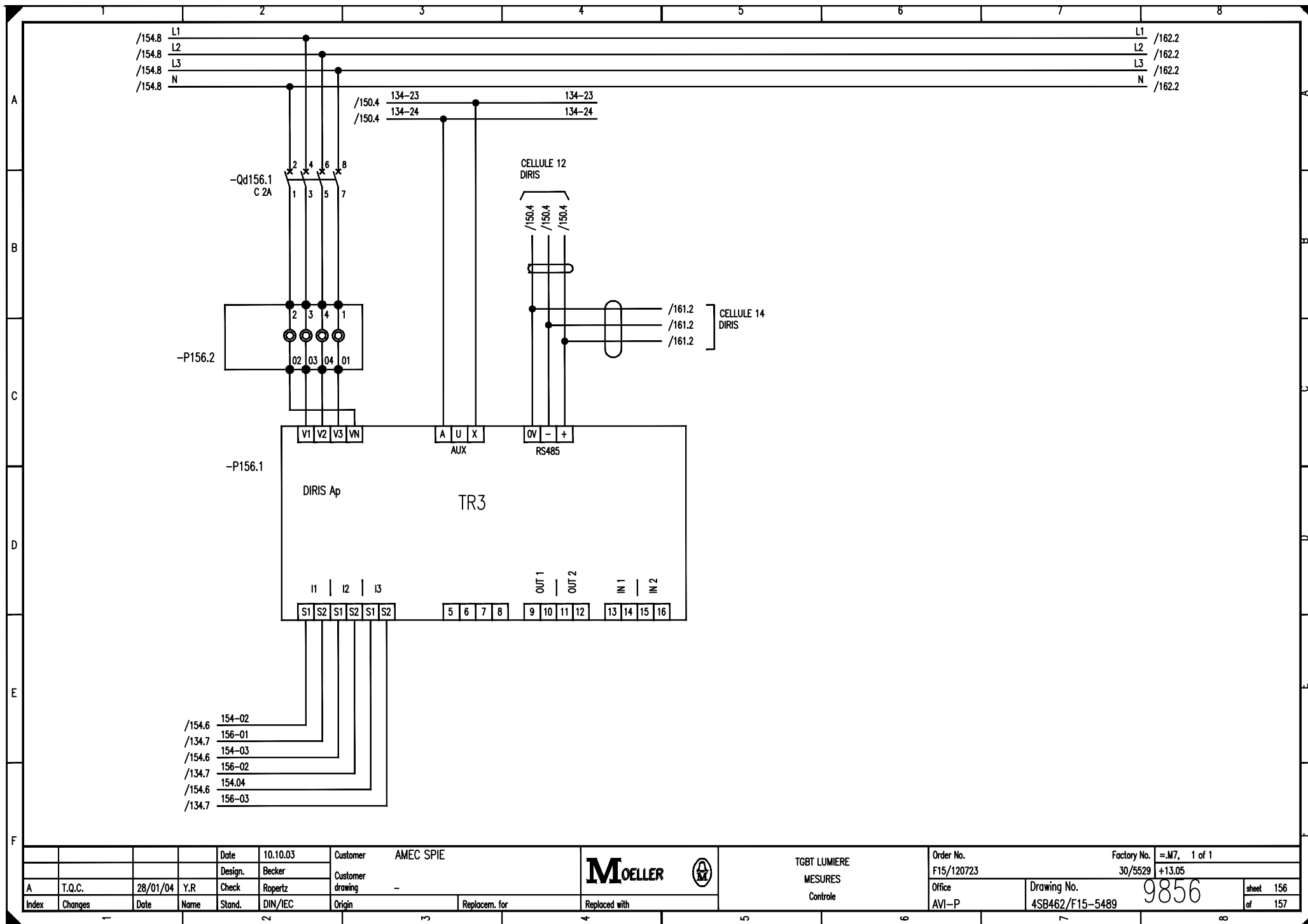
Désignation	ARRIVEE TR3
ORGANE DE PROTECTION	
P. utile	
Ie	1000A
Therm.	400 ?1000A 578A
Magn?.	1250 ?12000A 3161A
Références	IZMB1-4-U1000
Icc mat?iel:	50 kA
Icc :	Icc 3 : 35.574 kA Icc 1 : 33.787 kA



				Date	10.10.03	Customer AMEC SPIE			M OELLER 	TGBT LUMIERE CELLULE 13 Implantation jeux de barres	Order No.	Factory No.	=C13, 2 of 3			
				Design.	Becker						Customer drawing	-	F15/120723	30/5529	+13	
A	T.Q.C.	28/01/04	Y.R	Check	Repertz						Origin		Office	Drawing No.	9856	
Index	Changes	Date	Name	Stand.	DIN/IEC	Replacem. for	Replaced with			AVI-P	4SB462/F15-5489	of 153				

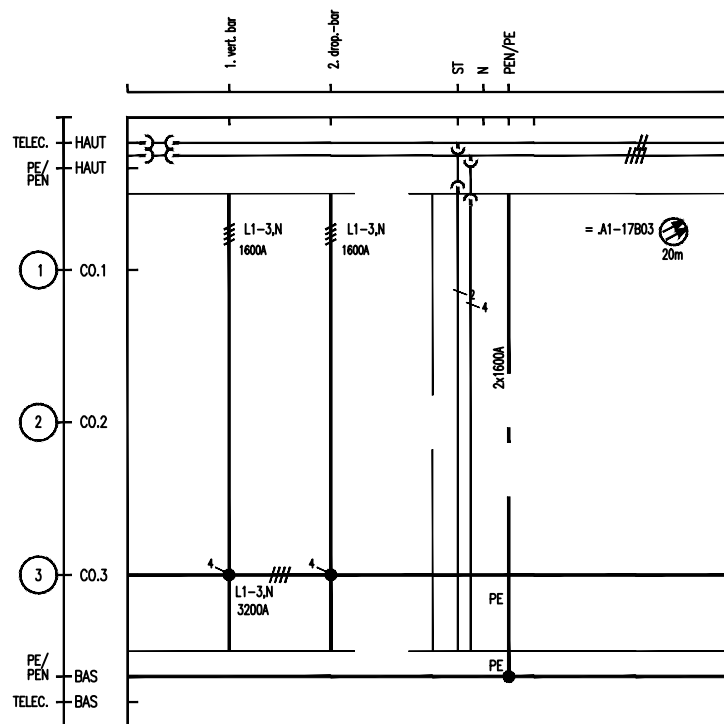


				Date	10.10.03	Customer AMEC SPIE			M OELLER 	TGBT LUMIERE CELLULE 13 Implantation au sol	Order No.	Factory No.	=C13, 3 of 3	
				Design.	Becker	Customer					F15/120723	30/5529	+13	
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	drawing								
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for		Replaced with		Office	Drawing No.	sheet 153	
										AVI-P	4SB462/F15-5489	of 154		

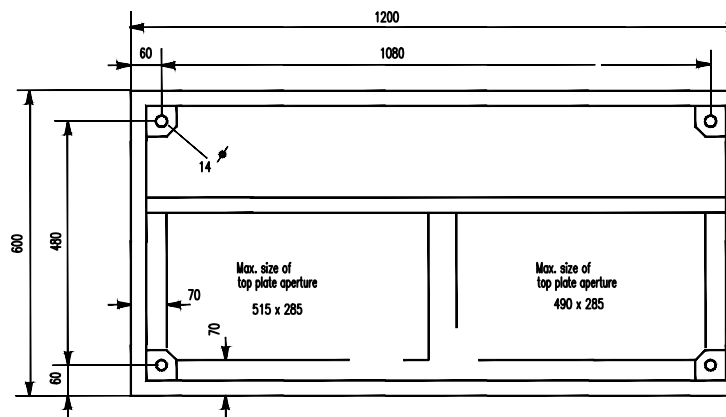


				Date	10.10.03	Customer AMEC SPIE		MOELLER		TGBT LUMIERE	MESURES	Controle	Order No.	Factory No.	=M7, 1 of 1	
				Design.	Becker								F15/120723	30/5529	+13.05	
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz								drawing	-	Office	Drawing No.
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI-P	4SB462/F15-5489		of 157			

1			2			3			4			5			6			7			8						
Rep.			Type/Gravure			T?te			Rep.			Type/Gravure			Texte			INTERIEUR COLONNE									
A	-E01			Fond blan./Ecrit. noir 100x20mm Haut. t?te : 10mm			CELLULE DEPARTS			-E7R. (borniers)			Fond blan./Ecrit. noir 37x20 + 37x17.5mm Haut. t?te : 4mm			14C.2			<div><div>MODAN</div><div><div><div>1</div><div>2</div></div><div>-E01</div></div><div><div><div>-E3L</div><div>-E3LP</div><div>-E3R</div><div>-E3RP</div><div>-E5L</div><div>-E5LP</div><div>-E5R</div><div>-E5RP</div><div>-E7L</div><div>-E7LP</div><div>-E7R</div><div>-E7RP</div><div>-E9L</div><div>-E9LP</div><div>-E9R</div><div>-E9RP</div><div>-E11L</div><div>-E11LP</div><div>-E11R</div><div>-E11RP</div></div><div><div>P161.1</div><div>P161.2</div><div>P161.3</div><div>P161.4</div><div>P161.5</div><div>P161.6</div><div>P161.7</div><div>P161.8</div><div>P161.9</div><div>P161.10</div></div></div><div>1200</div><div>14xBUS</div></div>								
	-E02			Fond blan./Ecrit. noir 30x20mm Haut. t?te : 10mm			14			-E9L			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14D.1 TL 1.8											
	-E3L			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14A.1 TL 00.4			-E9LP			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14D.1											
B	-E3LP			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14A.1			-E9L. (borniers)			Fond blan./Ecrit. noir 37x20 + 37x17.5mm Haut. t?te : 4mm			14D.1											
	-E3L. (borniers)			Fond blan./Ecrit. noir 37x20 + 37x17.5mm Haut. t?te : 4mm			14A.1			-E9R			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14D.2 TL 2.1											
	-E3R			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14A.2 TL 00.8			-E9RP			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14D.2											
C	-E3RP			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14A.2			-E9R. (borniers)			Fond blan./Ecrit. noir 37x20 + 37x17.5mm Haut. t?te : 4mm			14D.2											
	-E3R. (borniers)			Fond blan./Ecrit. noir 37x20 + 37x17.5mm Haut. t?te : 4mm			14A.2			-E11L			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14E.1 TL 2.2											
	-E5L			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14B.1 TL 00.3			-E11LP			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14E.1											
D	-E5LP			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14B.1			-E11L. (borniers)			Fond blan./Ecrit. noir 37x20 + 37x17.5mm Haut. t?te : 4mm			14E.1											
	-E5L. (borniers)			Fond blan./Ecrit. noir 37x20 + 37x17.5mm Haut. t?te : 4mm			14B.1			-E11R			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14E.2 TL 2.3											
	-E5R			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14B.2 TL 00.7			-E11RP			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14E.2											
E	-E5RP			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14B.2			-E11R. (borniers)			Fond blan./Ecrit. noir 37x20 + 37x17.5mm Haut. t?te : 4mm			14E.2											
	-E5R. (borniers)			Fond blan./Ecrit. noir 37x20 + 37x17.5mm Haut. t?te : 4mm			14B.2																				
	-E7L			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14C.1 LUMIERE IRM																				
F	-E7LP			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14C.1																				
	-E7L. (borniers)			Fond blan./Ecrit. noir 37x20 + 30x17.5mm Haut. t?te : 4mm			14C.1																				
	-E7R			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14C.2 TL 1.9																				
-E7RP			Fond blan./Ecrit. noir 60x20mm Haut. t?te : 4mm			14C.2																					

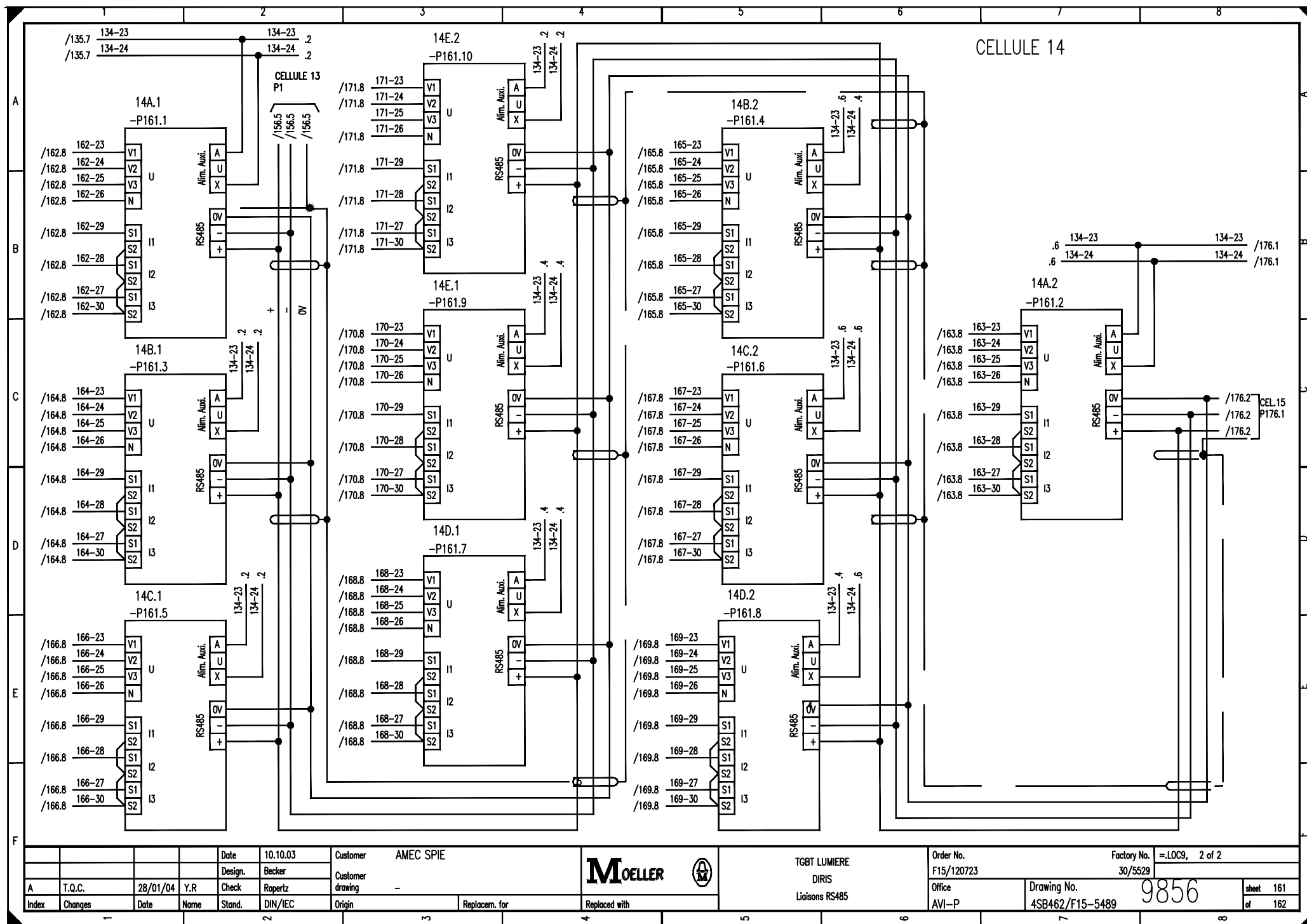


				Date	10.10.03	Customer AMEC SPIE		MOELLER 	TGBT LUMIERE CELLULE 14 Implantation jeux de barres	Order No.	Factory No.	=C14, 2 of 3		
			Design.	Becker	Customer drawing					-	F15/120723	30/5529	+14	
A	T.Q.C.	28/01/04	Y.R	Check							Ropertz	Office	Drawing No.	9856
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI-P	4SB462/F15-5489	sheet 158 of 159		



				Date	10.10.03	Customer AMEC SPIE			MOELLER		TGBT LUMIERE	CELLULE 14	Implantation au sol	Order No.	Factory No.	=C14, 3 of 3		
				Design.	Becker									Customer		F15/120723	30/5529	+14
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz									drawing	-			
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with						Office	Drawing No.	9856	sheet 159	
														AVI-P	4SB462/F15-5489		of 160	

				Date	10.10.03	Customer		AMEC SPIE		<div>MOELLER</div>	TGBT LUMIERE LOCALISATEURS DEFALT FOLIO RESERVE	Order No.		Factory No.		=LOC9, 1 of 2		
				Design.	Becker	Customer						F15/120723		30/5529		+14		
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	drawing		-				Office		Drawing No.		9856		sheet
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for		Replaced with		AVI-P		4SB462/F15-5489		9856		of	161



MOELLER

TGBT LUMIERE
DIRIS
Liaisons RS485

Order No.
F15/120723
Office
AVI-P

Factory No.
=LOC9, 2 of 2
30/5529

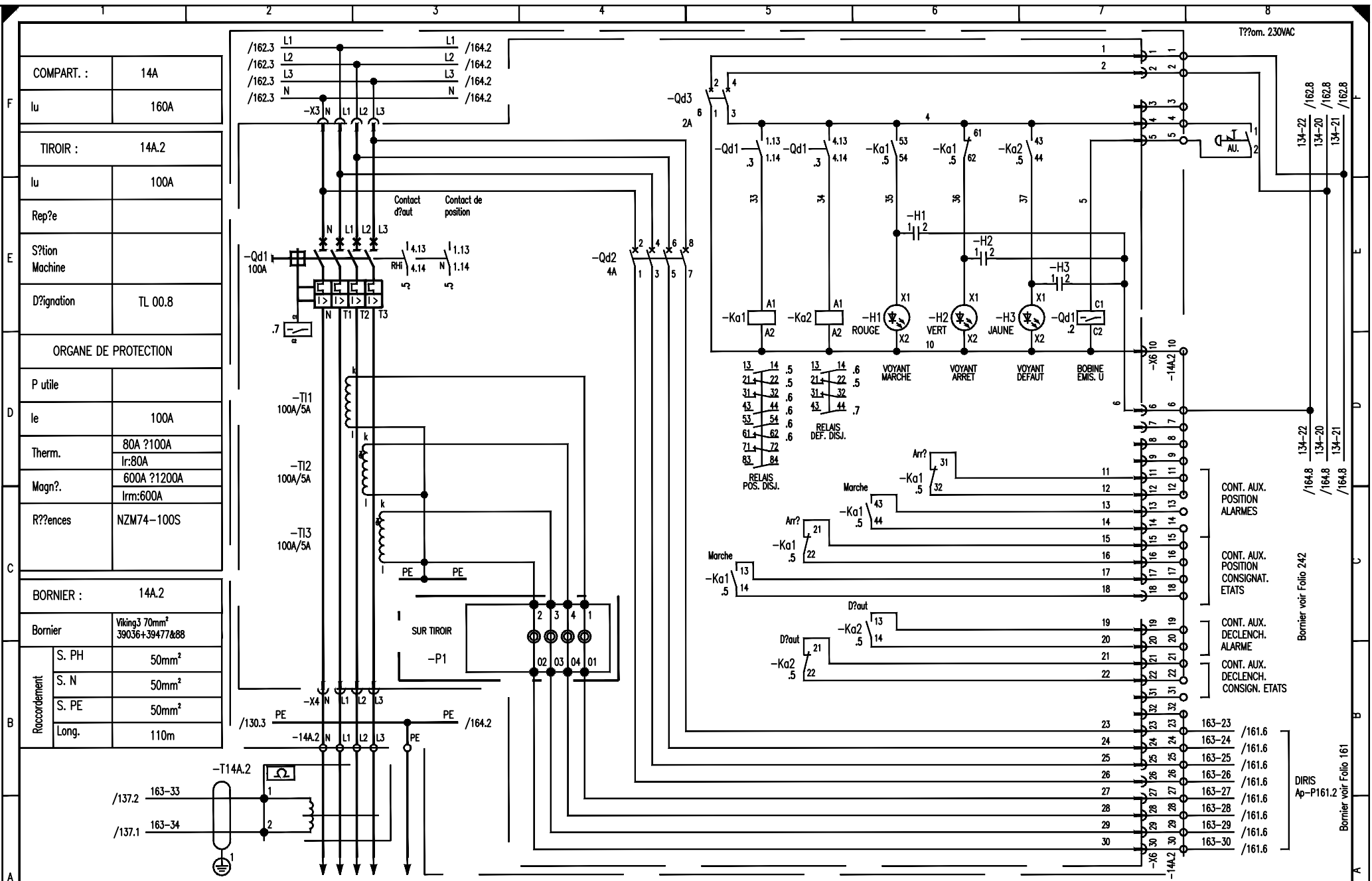
Drawing No.
4SB462/F15-5489

9856

sheet
of 162

Date	10.10.03	Customer	AMEC SPIE
Design.	Becker	Customer drawing	-
Check	Repertz	Origin	
Stand.	DIN/IEC	Replacem. for	
Index	Changes	Replaced with	

A	T.Q.C.	28/01/04	Y.R
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Date 10.10.03				Customer AMEC SPIE				TGBT LUMIERE - TL 00.8 -				Order No. F15/120723				Factory No. 30/5529				=14A.2 1 of 1			
Design. Becker				Customer drawing -				DL 4X100A				Office AVI-P				Drawing No. 4SB462/F15-5489				9856			
Check Repertz				Origin				Sch?a				AVI-P				4SB462/F15-5489				sheet 163			
Index Changes				Stand. DIN/IEC				Replacem. for				Replaced with				of 164							

COMPART. : 14B

lu 160A

TIROIR : 14B.1

lu 125A

Rep?e

S?tion Machine

D??gation TL 00.3

ORGANE DE PROTECTION

P utile

le 125A

Therm. 80A ?125A
I_r:100A

Magn?. 750A ?1500A
I_{rm}:750A

R??ences NZM74-125S

BORNIER : 14B.1

Bornier Viking3 120mm²
39038+39478&86

Raccordement

	S. PH	S. N	S. PE	Long.
	95mm ²	95mm ²	120mm ²	217m

Date 10.10.03 **Customer** AMEC SPIE

Design. Becker **Customer drawing** -

A T.Q.C. 28/01/04 Y.R. **Check** Ropertz **Origin**

Index Changes **Date** **Name** **Stand.** DIN/IEC **Replacem. for** **Replaced with**

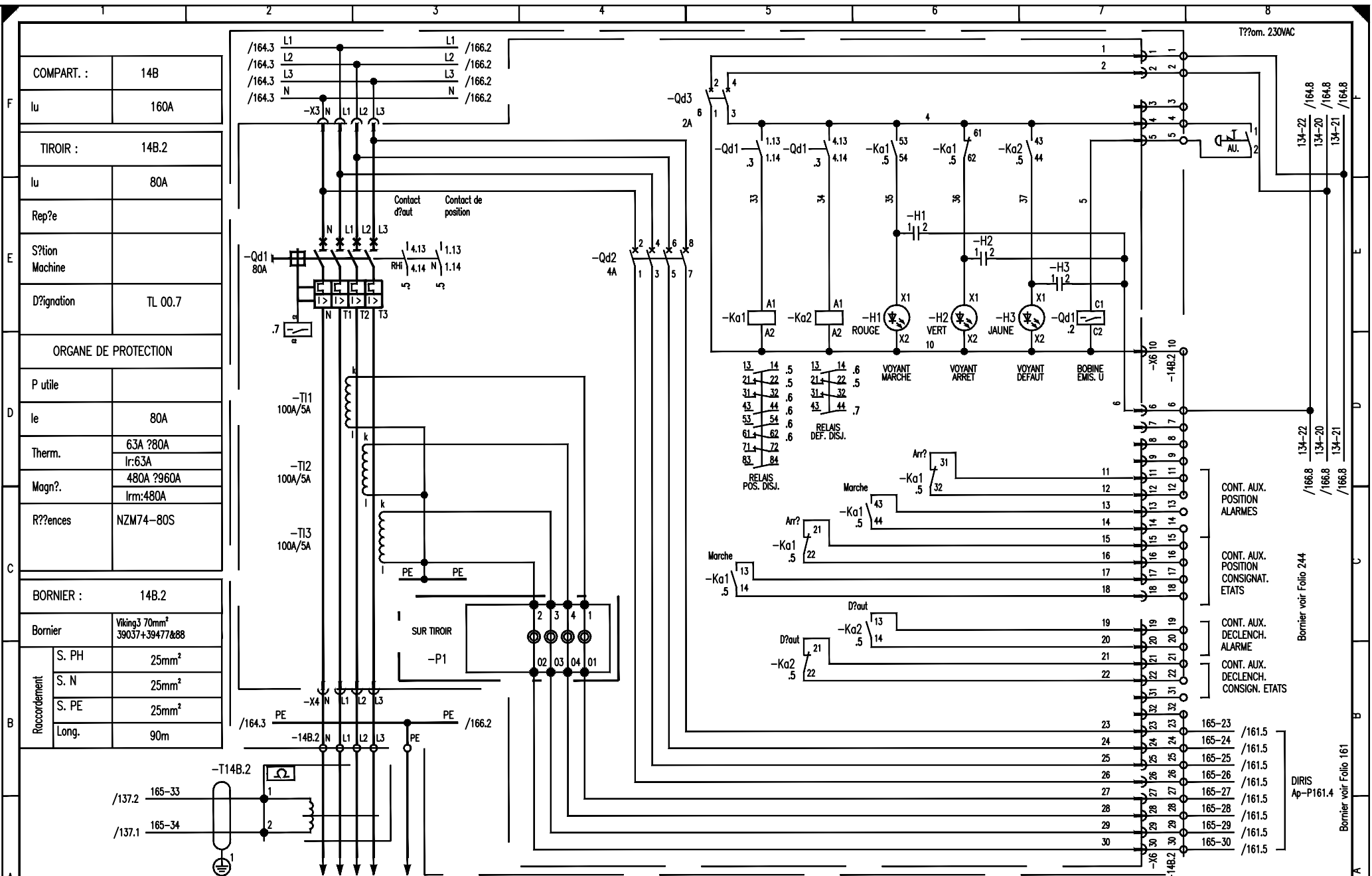
MOELLER


TGBT LUMIERE - TL 00.3-
DL 4X125A
Sch?a

Order No. F15/120723 **Factory No.** =14B.1, 1 of 1
30/5529 +14.05L

Office AVI-P **Drawing No.** 4SB462/F15-5489 **sheet** 164
of 165

9856



				Date	10.10.03	Customer		AMEC SPIE		<div>MOELLER</div> <div></div>		TGBT LUMIERE - TL 00.7 - DL. 4X80A Sch2a		Order No.		Factory No.		=14B.2, 1 of 1	
				Design.	Becker									Customer drawing		-		F15/120723	
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	Origin		Replacem. for		Replaced with		Office AVI-P		Drawing No. 4SB462/F15-5489		9856		sheet 165	
Index	Changes	Date	Name	Stand.	DIN/IEC													of 166	

FE

7

1

ORGANE DE PROTECTION

D

Therm.	Ir:100A
	750A 21500A

magn:..	lrm:750A
...	...

C	

Bornier	Viking3 120mm ² 39038+39478+86
---------	--

ent		50mm
	S. N	50mm ²

B	Raccordi	70mm
	Long.	128m


100-33

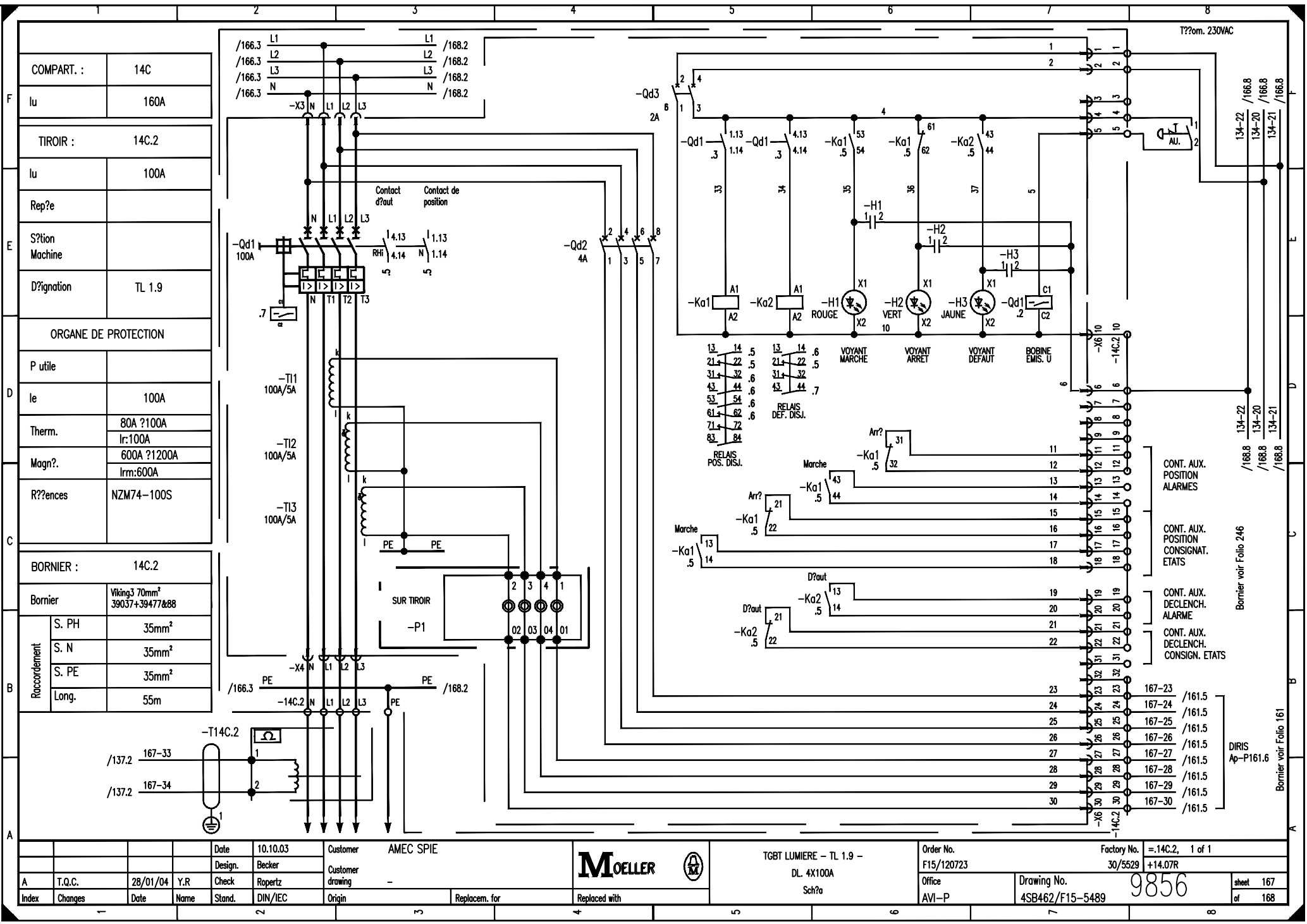
	/137.1	166-34
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A				
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A	T.Q.C.	28/01/04	Y.R
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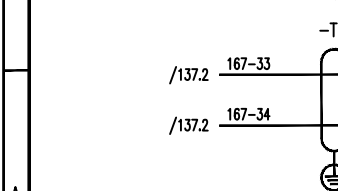




			Date	10.10.03	Customer	AMEC SPIE			TGBT LUMIERE – LUMIERE IRM – DL 4X125A Sch?a	Order No.	Factory No.	=14C.1, 1 of 1
			Design.	Becker	Customer drawing	-				F15/120723	30/5529	+14.07L
A	T.Q.C.	28/01/04	Y.R	Check	Rohertz	drawing	-			Office	Drawing No.	sheet 166
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI–P	4SB462/F15–5489	of 167

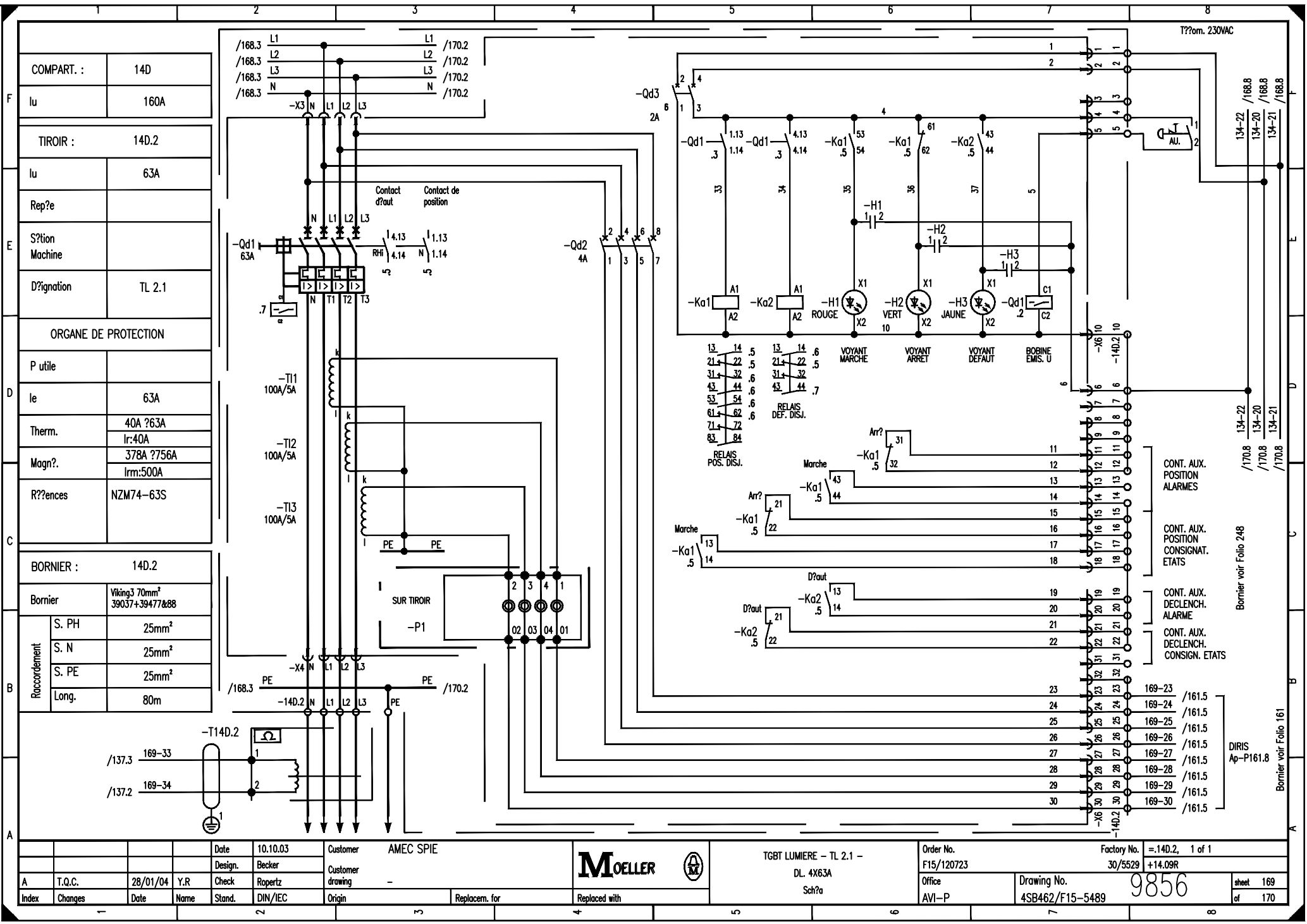


COMPART. :	14C
Iu	160A
TIROIR :	14C.2
Iu	100A
Rep?e	
S?tion Machine	
D?ignation	TL 1.9
ORGANE DE PROTECTION	
P utile	
Ie	100A
Therm.	80A ?100A Ir:100A
Magn?.	600A ?1200A Irm:600A
R??ences	NZM74-100S

BORNIER :	14C.2
Bornier	Viking3 70mm ² 39037+39477&88
Raccordement	S. PH 35mm ²
	S. N 35mm ²
	S. PE 35mm ²
	Long. 55m

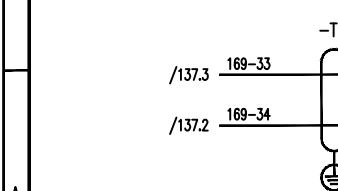


				Date		10.10.03		Customer		AMEC SPIE		MOELLER 		TGBT LUMIERE – TL 1.9 – DL 4X100A Sch?a		Order No.		Factory No.		=14C.2, 1 of 1											
				Design.		Becker										Customer drawing		–		F15/120723		30/5529		+14.07R							
A		T.Q.C.		28/01/04		Y.R		Check		Roperitz				Office		Drawing No.		9856		sheet 167											
Index		Changes		Date		Name		Stand.		DIN/IEC										Origin		Replacem. for		Replaced with		4SB462/F15–5489		of 168			
1				2				3				4				5				6				7				8			

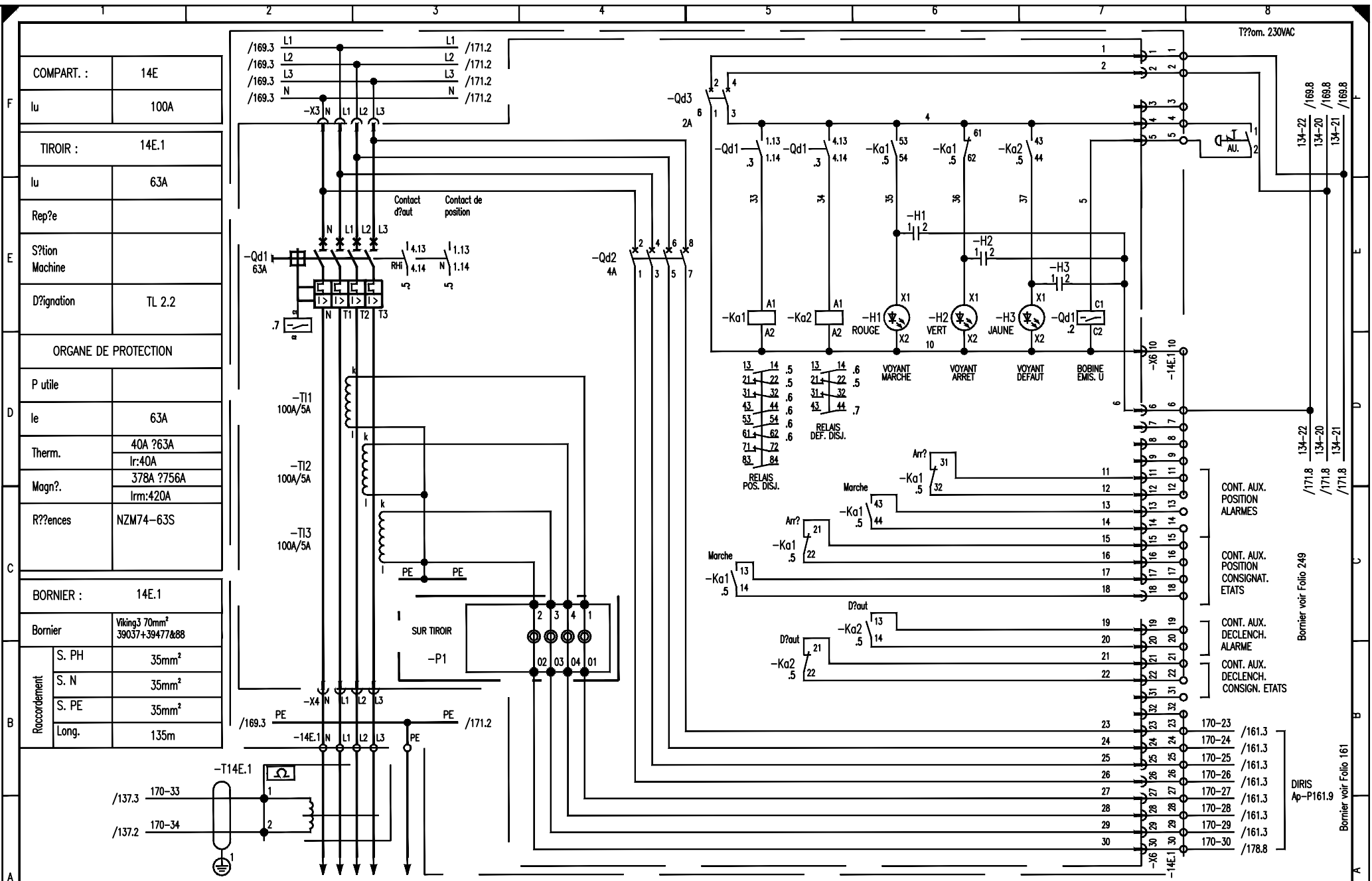


COMPART. :	14D
Iu	160A
TIROIR :	14D.2
Iu	63A
Rep?e	
S?tion Machine	
D?signation	TL 2.1
ORGANE DE PROTECTION	
P utile	
Ie	63A
Therm.	40A 263A I _r :40A
Magn?.	378A 756A I _{rm} :500A
R??ences	NZM74-63S

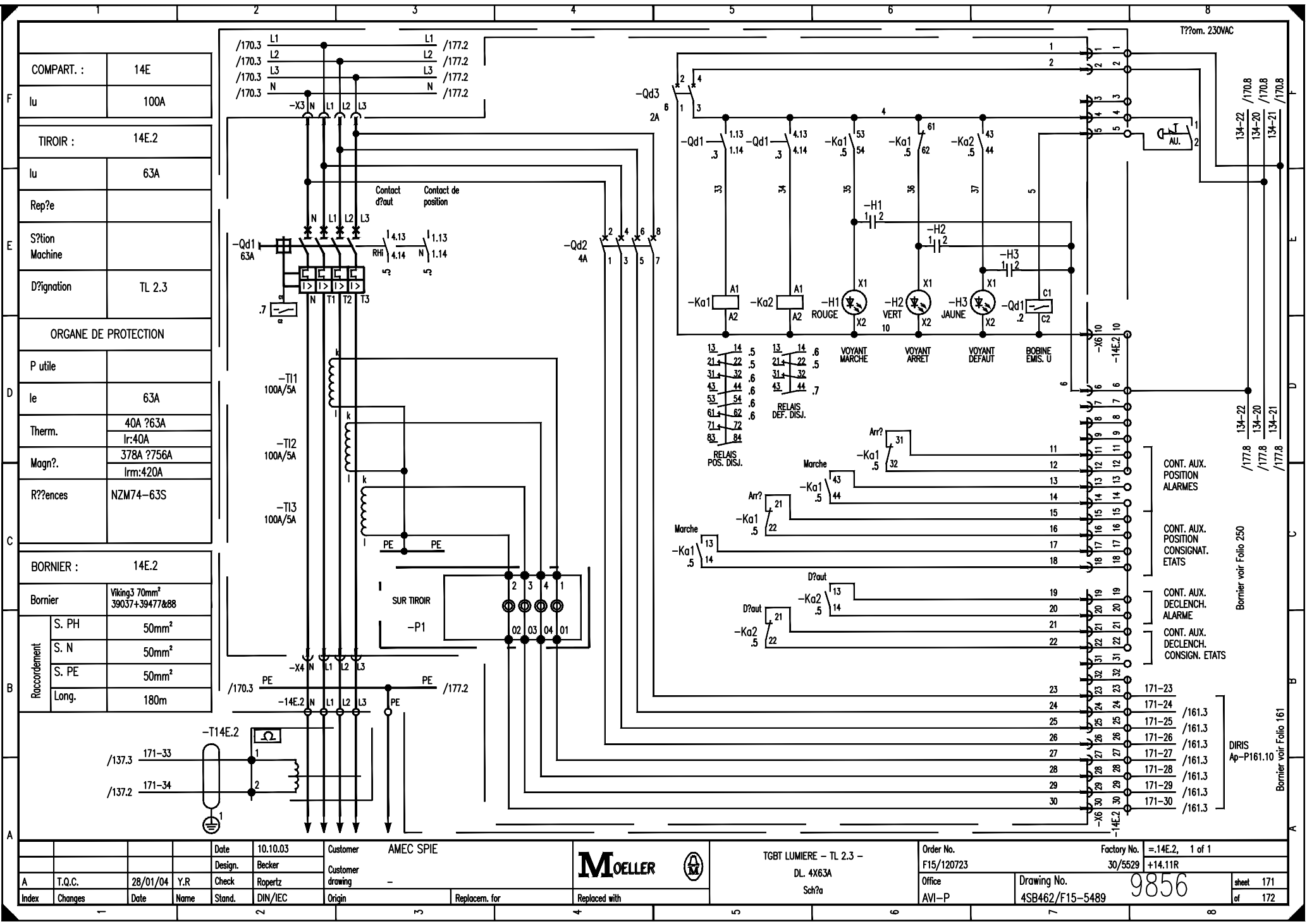
B	BORNIER : 14D.2		
	Bornier		Viking3 70mm ² 39037+39477&88
	Raccordement	S. PH	25mm ²
		S. N	25mm ²
		S. PE	25mm ²
		Long.	80m



Date 10.10.03				Customer AMEC SPIE				TGRT LUMIERE - TL 2.1 -				Office F15/120723				Factory No. 30/5529				1 of 1			
Design. Becker				Customer drawing -				DL. 4X63A				Drawing No. 4SB462/F15-5489				9856				sheet 169			
Check Repertz				Origin				Replaced with				AVI-P				of 170							
Index Changes				Stand. DIN/IEC				Replacem. for															

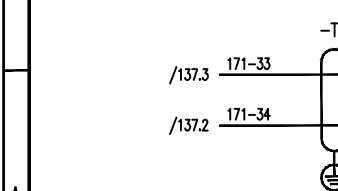


Date 10.10.03				Customer AMEC SPIE				TGBT LUMIERE - TL 2.2 -				Office F15/120723				Factory No. 30/5529				Drawing No. 4SB462/F15-5489			
Design. Becker				Customer drawing -				DL 4X63A				=14E.1, 1 of 1				30/5529				14.11L			
Check Ropertz				-				Sch?a				AVI-P				9856				sheet 170			
Index Changes				Date Name Stand. DIN/IEC				Origin				Replacem. for				Replaced with				of 171			



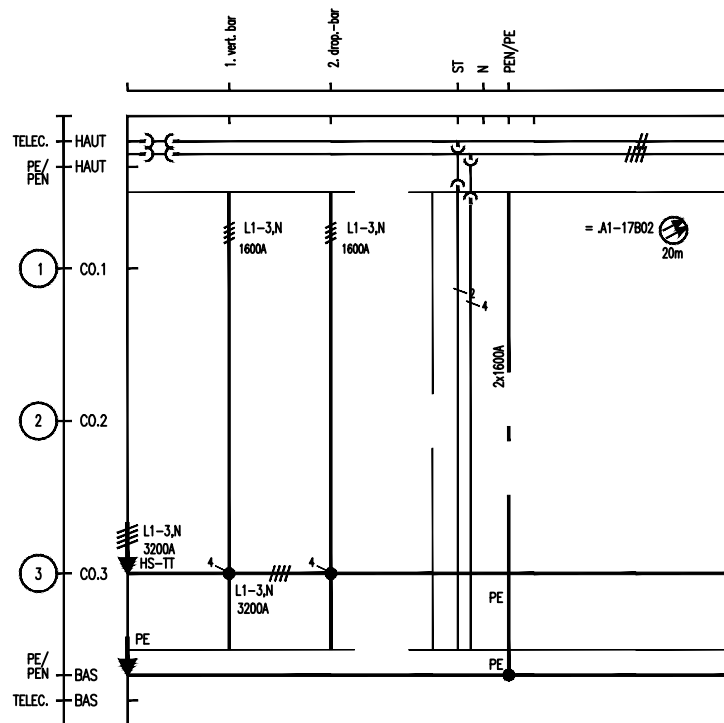
COMPART. :	14E
Iu	100A
TIROIR :	14E.2
Iu	63A
Rep?e	
S?tion Machine	
D?signation	TL 2.3
ORGANE DE PROTECTION	
P utile	
Ie	63A
Therm.	40A 263A I _r :40A
Magn?.	378A 2756A I _{rm} :420A
R??ences	NZM74-63S

BORNIER :	14E.2
Bornier	Viking3 70mm ² 39037+39477&88
Raccordement	S. PH 50mm ²
	S. N 50mm ²
	S. PE 50mm ²
	Long. 180m

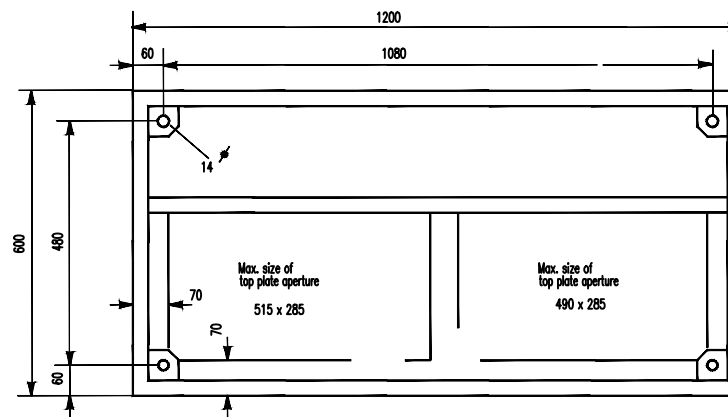


Date		10.10.03	Customer		AMEC SPIE	TG&T LUMIERE - TL 2.3 - DL 4X63A Sch?a		Order No.		F15/120723	Factory No.		=14E.2 1 of 1
Design.		Becker	Customer drawing		-			Office		AVI-P	Drawing No.		30/5529 +14.11R
Index		Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		4SB462/F15-5489		9856
											sheet 171		of 172


[illegible]



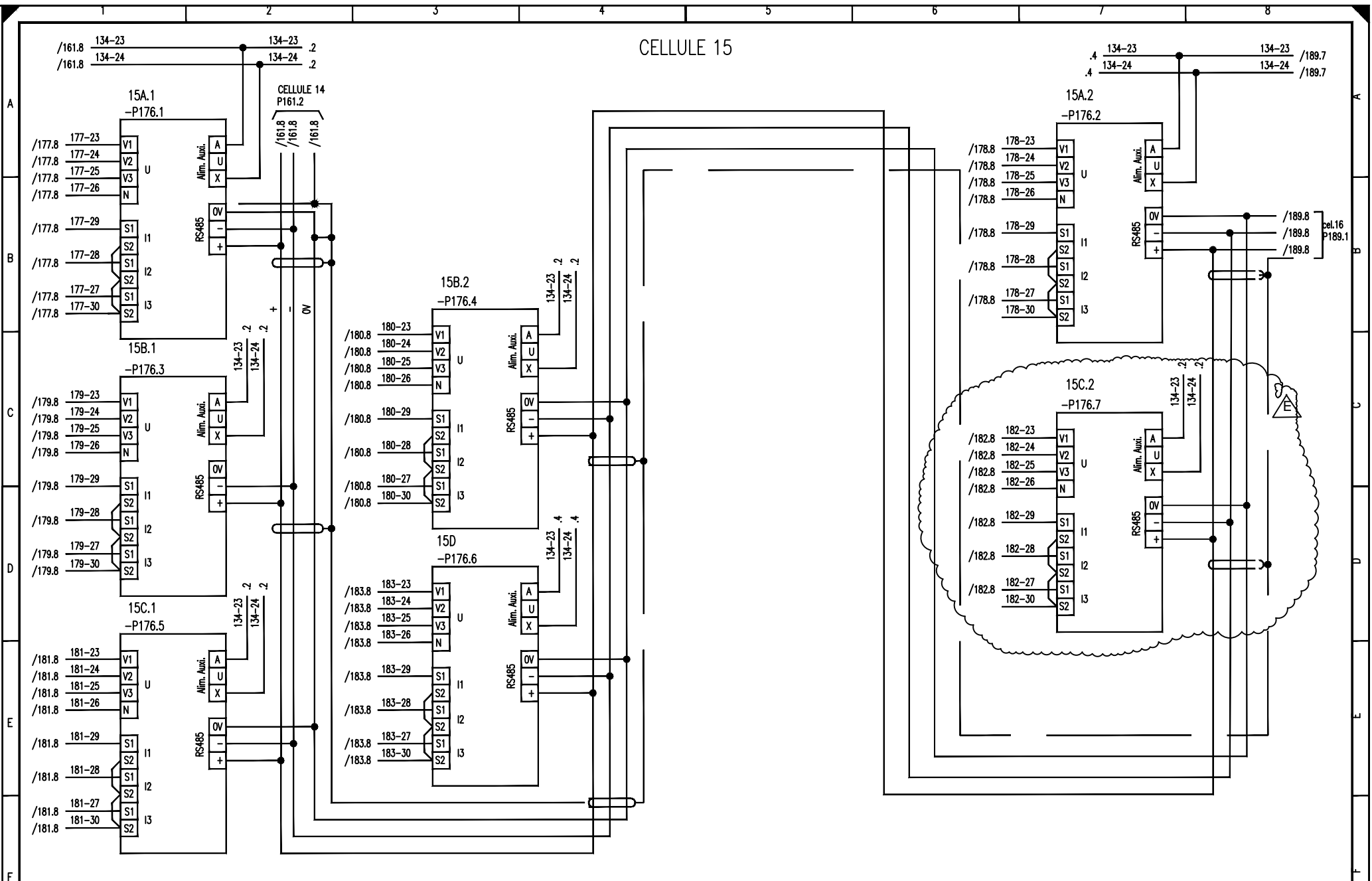
				Date	10.10.03	Customer AMEC SPIE		M oeller 	TGBT LUMIERE CELLULE 15 Implantation jeux de barres	Order No.	Factory No.	=C15, 2 of 3
			Design.	Becker	F15/120723					30/5529	+15	
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz					Customer drawing	-	Office
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with	AVI-P	4SB462/F15-5489	of 174	




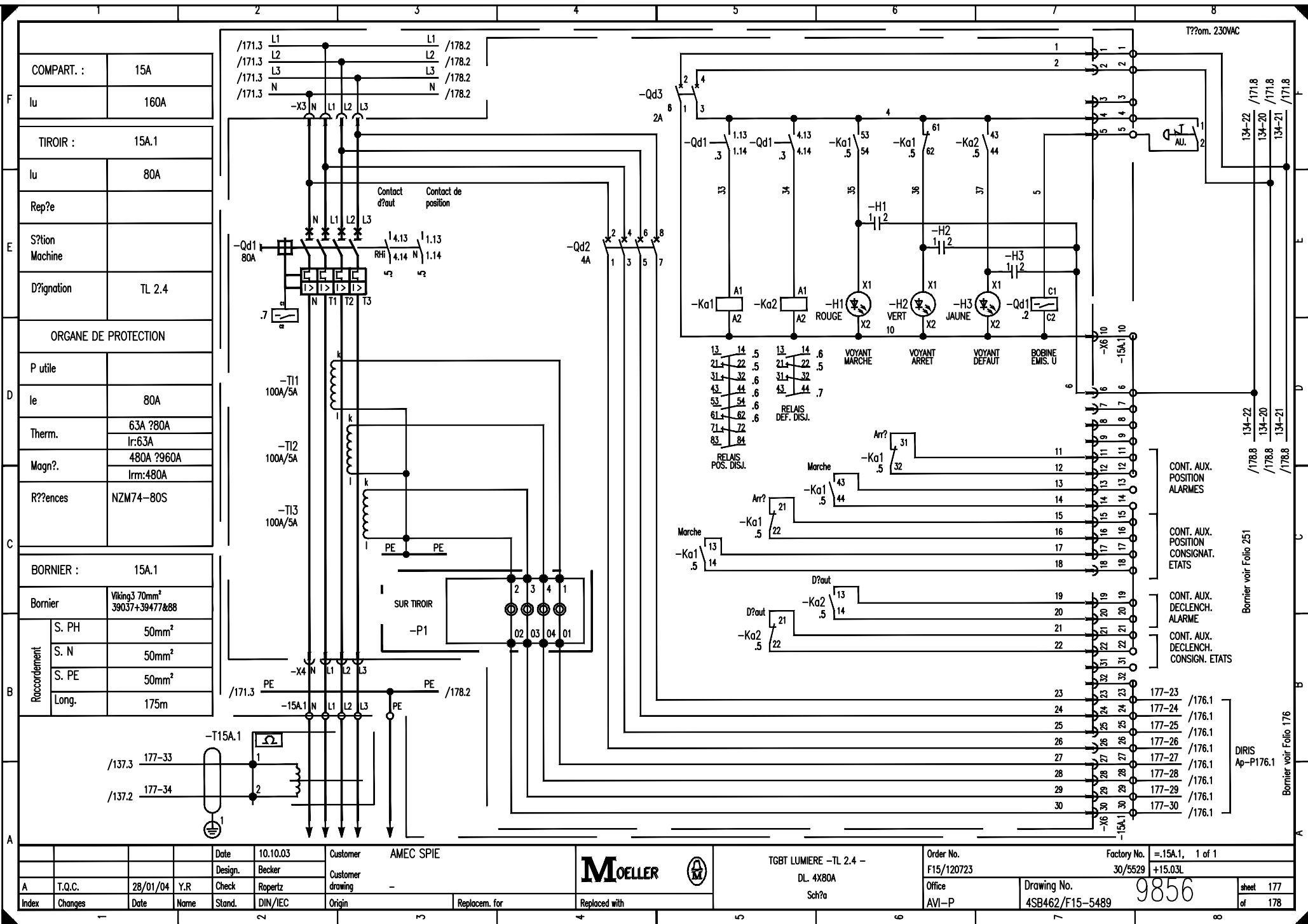
				Date	10.10.03	Customer		AMEC SPIE		MOELLER 	TGBT LUMIERE CELLULE 15 Implantation au sol	Order No.		Factory No.		=C15, 3 of 3	
				Design.	Becker	Customer						F15/120723	30/5529		+15		
A	T.Q.C.	28/01/04	Y.R	Check	Repertz	drawing		-				Office	Drawing No.		9856		
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for		Replaced with			AVI-P	4SB462/F15-5489		sheet	174	
															of	175	

				Date	10.10.03	Customer		AMEC SPIE		<div>MOELLER</div> <div></div>	TGBT LUMIERE LOCALISATEURS DEFALT FOLIO RESERVE		Order No.		Factory No.		=LOC8, 1 of 2	
			Design.	Becker	Customer				F15/120723				30/5529		+15			
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	drawing	-		Office				Drawing No.		9856		sheet	175
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for		Replaced with	AVI-P		4SB462/F15-5489		9856		of	176	

CELLULE 15



				Date	10.10.03		Customer		AMEC SPIE		<div>MOELLER</div> <div></div>	TGBT LUMIERE		Order No.		Factory No.		=LOCB, 2 of 2	
E	MISE A JOUR	03/07/07	M.L	Design.	Becker		Customer		drawing			DIRIS		F15/120723		30/5529			
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz				-			Liaisons RS485		Office		Drawing No.		9856	
Index	Changes	Date	Name	Stand.	DIN/IEC		Origin		Replacem. for			Replaced with		AVI-P		4SB462/F15-5489		sheet 176	
																		of 177	



E	S?tion Machine	
	D?ignation	TL 3.4

D	P utile	
	le	125A
	Therm.	80A ?125A
		lr:100A
	Magn?.	750A ?1500A
lrm:750A		
C	R?ences	NZM74-125S

	/137.3	178-33	
	/137.3	178-34	

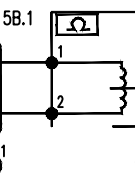



TIROIR :		15B.1
lu		100A
Rep?e		

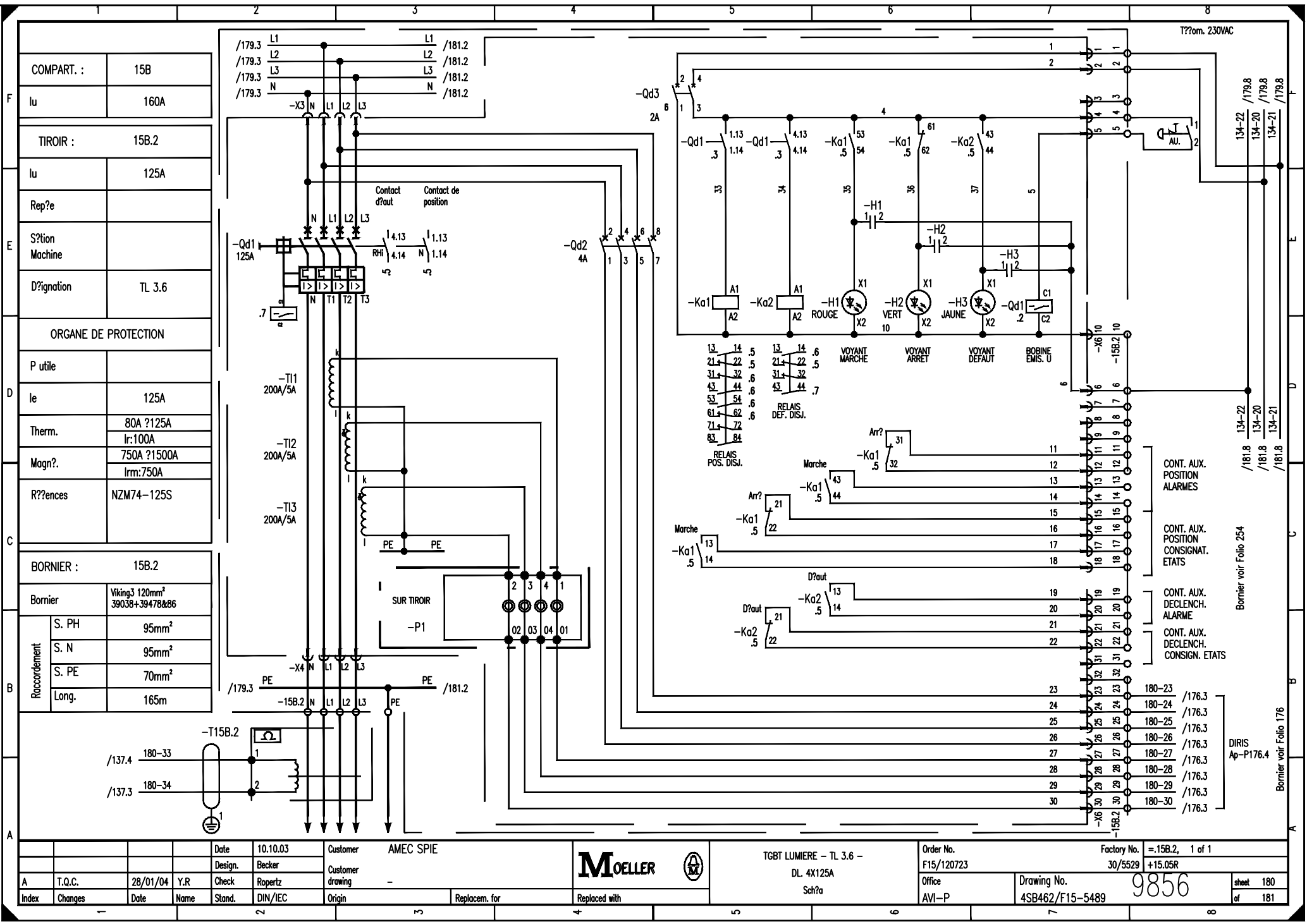
E	S?tion Machine	
	D?ignation	TL 3.5

ORGANE DE PROTECTION		
D	P utile	
	le	100A
	Therm.	80A ?100A
		Ir:80A
	Magn?.	600A ?1200A
Irm:600A		
C	R??ences	NZM74–100S

BORNIER :		158.1	
Bornier		Viking3 70mm ² 39037+39477&88	
B	Recommandement	S. PH	50mm ²
		S. N	50mm ²
		S. PE	70mm ²
		Long.	150m



				Date	10.10.03	Customer	AMEC SPIE			MOELLER		TGBT LUMIERE – TL 3.5 – DL 4X100A Sch?a	Order No.	Factory No.		=15B.1, 1 of 1	
				Design.	Becker	Customer	drawing						F15/120723	30/5529		+15.05L	
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz		-						Office	Drawing No.	9856		sheet
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for			Replaced with	AVI-P	4SB462/F15-5489		of		180	

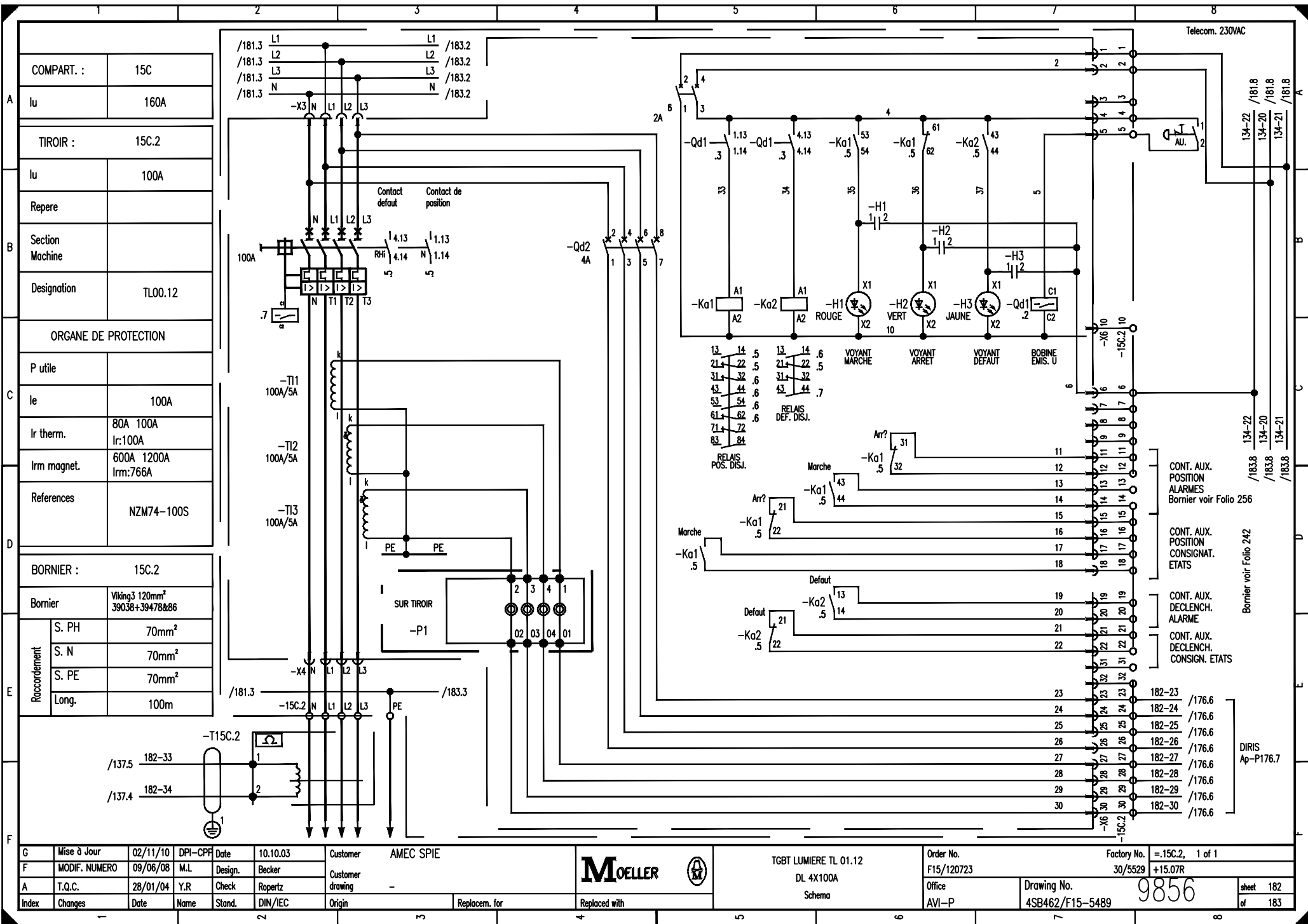


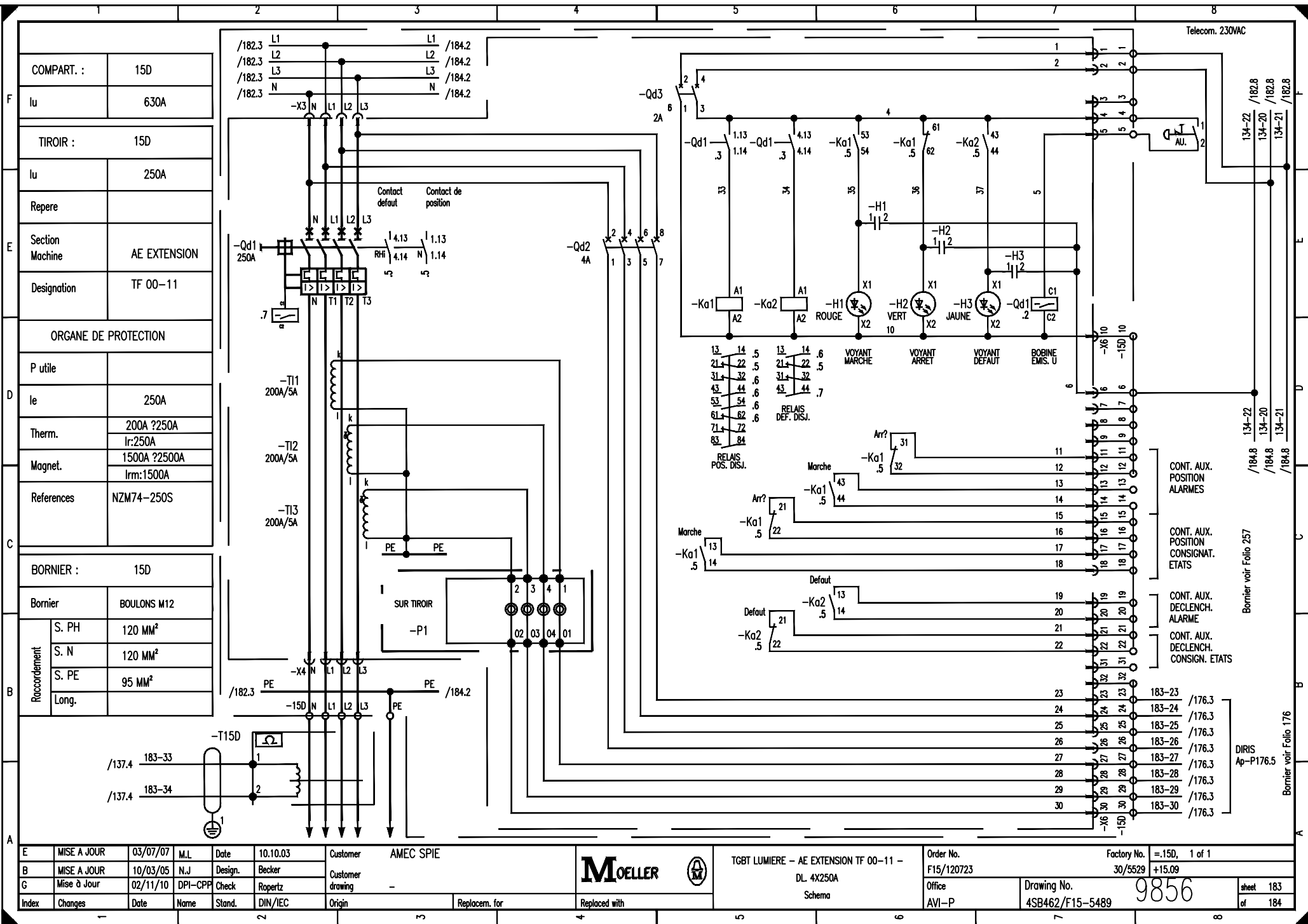
COMPART. :		15B
lu		160A
TIROIR :		15B.2
lu		125A
Rep?e		
S?tion Machine		
D?ignation		TL 3.6
ORGANE DE PROTECTION		
P utile		
le		125A
Therm.		80A ?125A lr:100A
Magn?.		750A ?1500A lrm:750A
R??ences		NZM74-125S
BORNIER :		15B.2
Bornier		Viking3 120mm ² 39038+39478&86
Raccordement	S. PH	95mm ²
	S. N	95mm ²
	S. PE	70mm ²
	Long.	165m

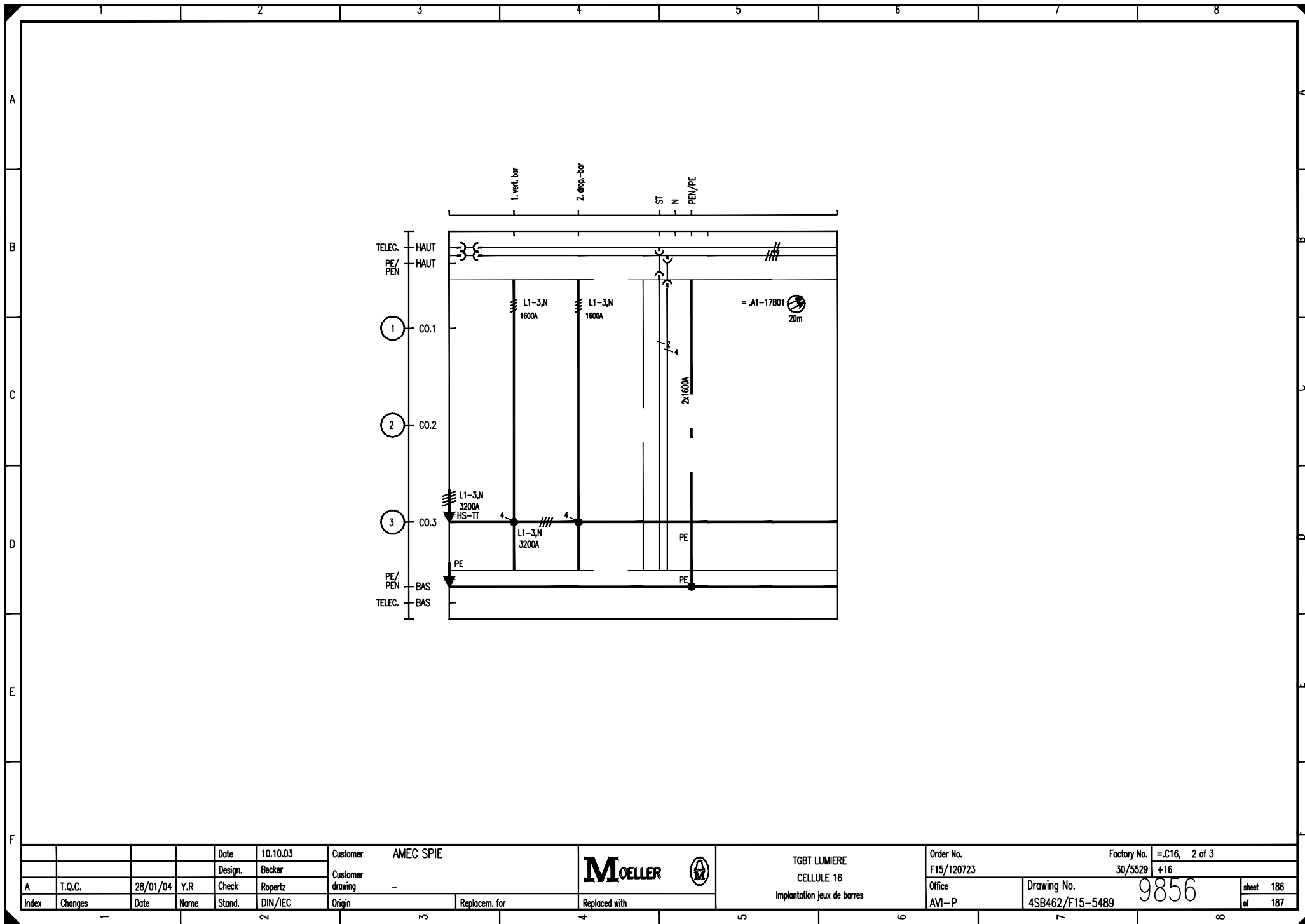
Date		10.10.03	Customer		AMEC SPIE		TG&T LUMIERE - TL 3.6 -		Office No.		Factory No.	=15B.2, 1 of 1	
Design.		Becker	Customer drawing		-		DL 4X125A		F15/120723		30/5529	+15.05R	
Check		Repertz	Origin				Sch?a		Drawing No.		45B462/F15-5489		sheet 180
Index		Changes	Replacem. for				Replaced with		AVI-P		9856		of 181


FEEEEDDDDDDDDDCCCCCCCCCCCCCC

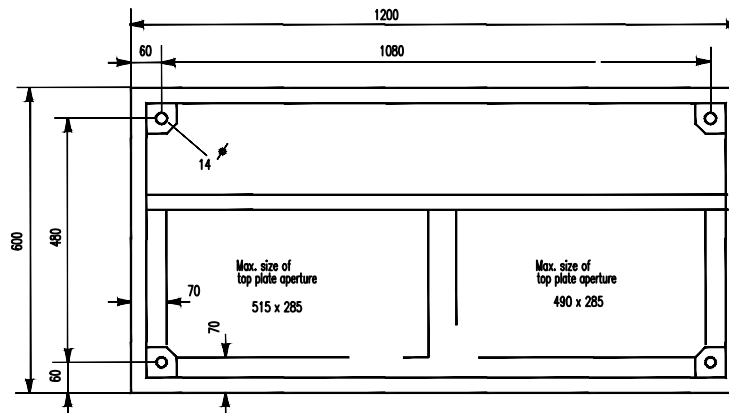
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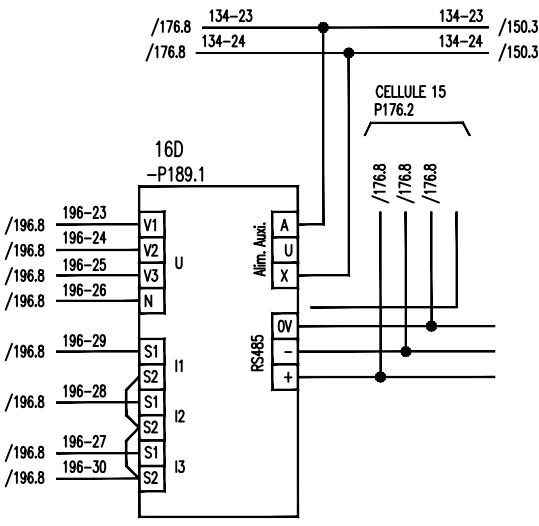
				Date	10.10.03	Customer	AMEC SPIE			TGBT LUMIERE	Order No.	Factory No.	=C16, 2 of 3	
				Design.	Becker	Customer drawing	-			CELLULE 16	F15/120723	30/5529	+16	
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	Origin		Replacem. for	Replaced with	Implantation jeux de barres	Office	Drawing No.	9856	sheet 186
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin		Replacem. for	Replaced with		AVI-P	4SB462/F15-5489	of 187	



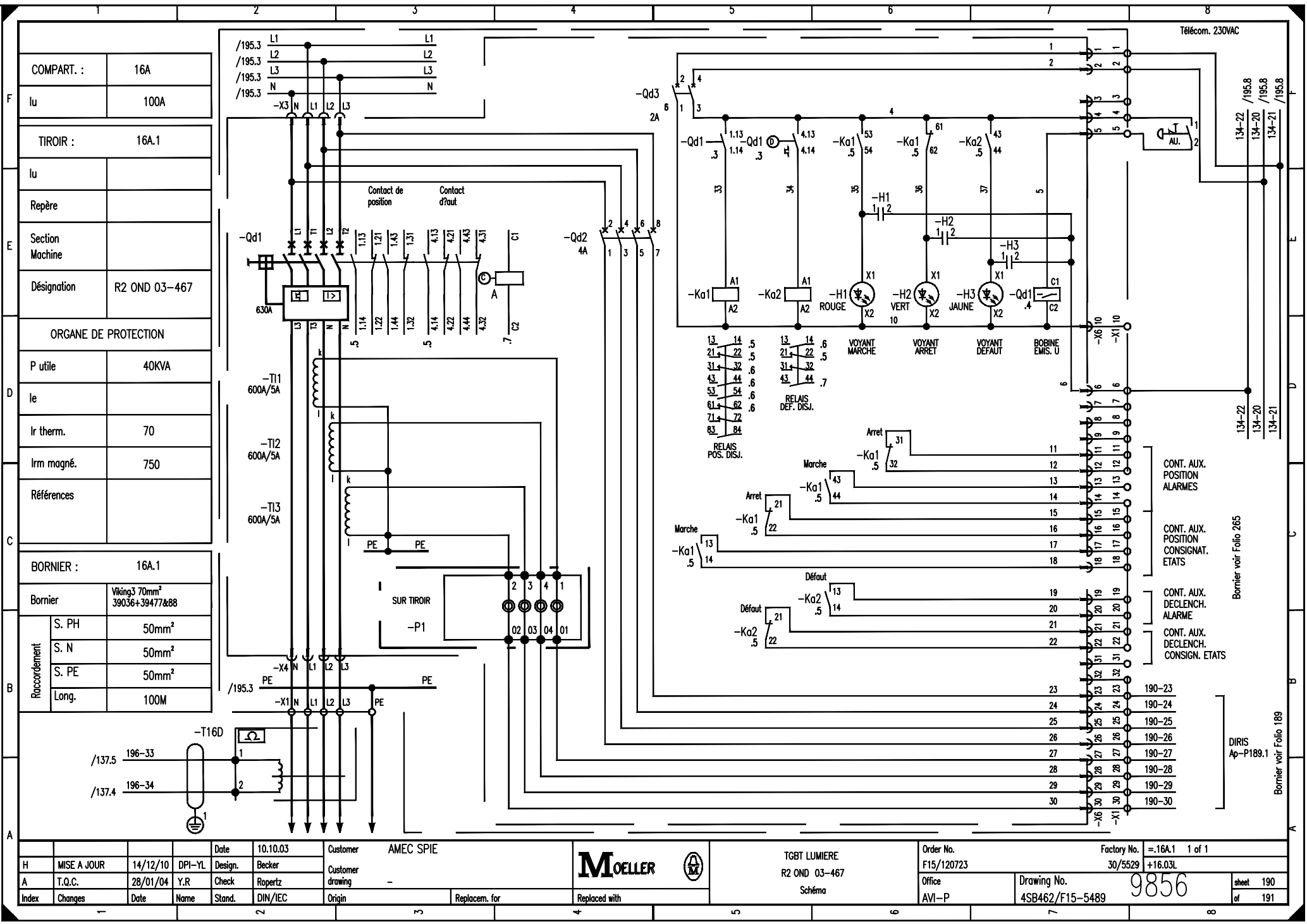
				Date	10.10.03	Customer		AMEC SPIE		MOELLER		TGBT LUMIERE	CELLULE 16	Implantation au sol	Order No.	Factory No.		=C16, 3 of 3	
				Design.	Becker	Customer									F15/120723	30/5529		+16	
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	drawing		-							Office	Drawing No.	9856		sheet 187
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI-P	4SB462/F15-5489				of 188				


				Date	10.10.03	Customer	AMEC SPIE			TGBT LUMIERE LOCALISATEURS DEFALT FOLIO RESERVE	Order No.	Factory No.		=LOC7, 1 of 2	
				Design.	Becker	Customer					F15/120723	30/5529		+16	
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	drawing	-				Office	Drawing No.	9856		sheet 188
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with			AVI-P	4SB462/F15-5489	189		of 189

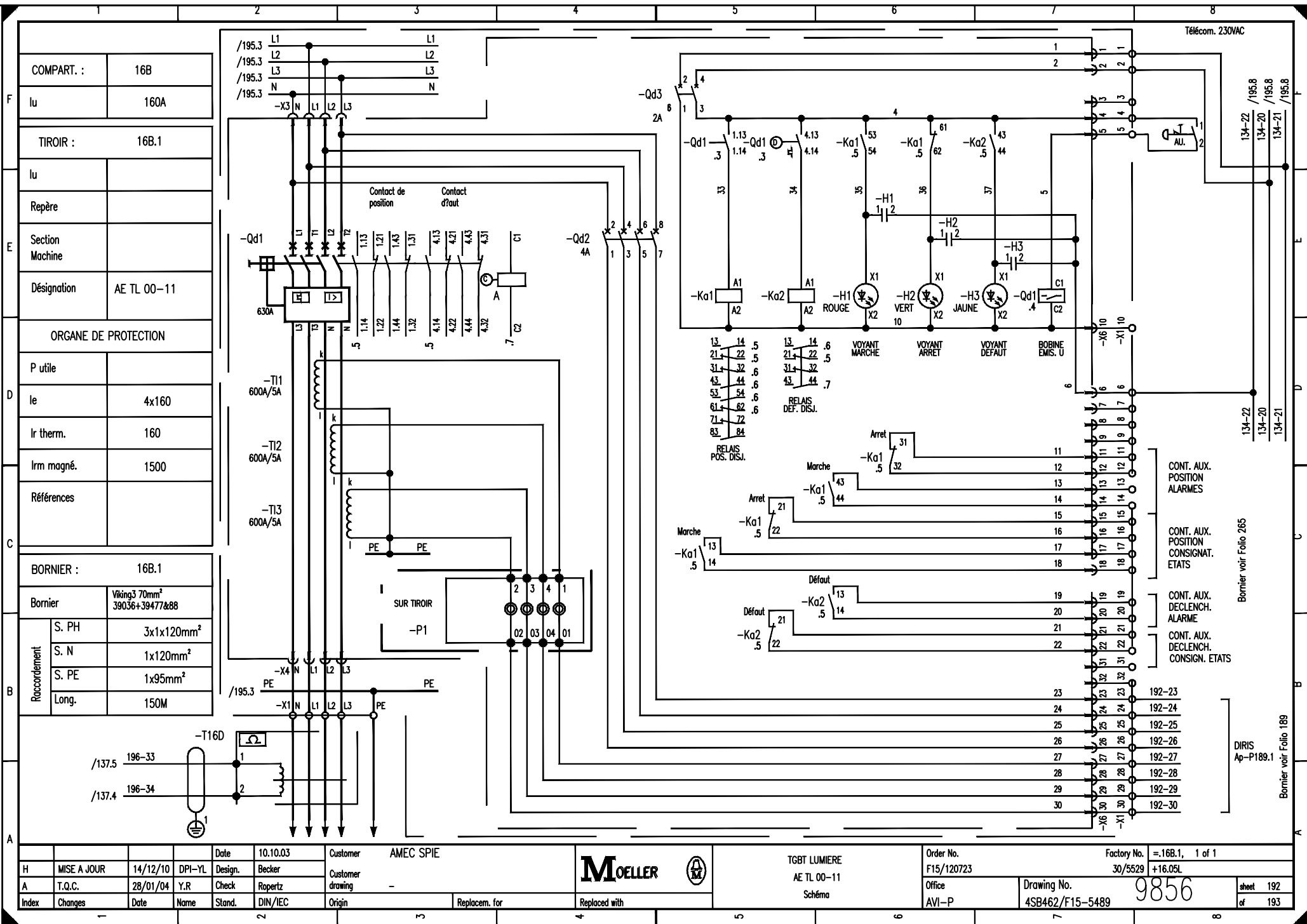
CELLULE 16



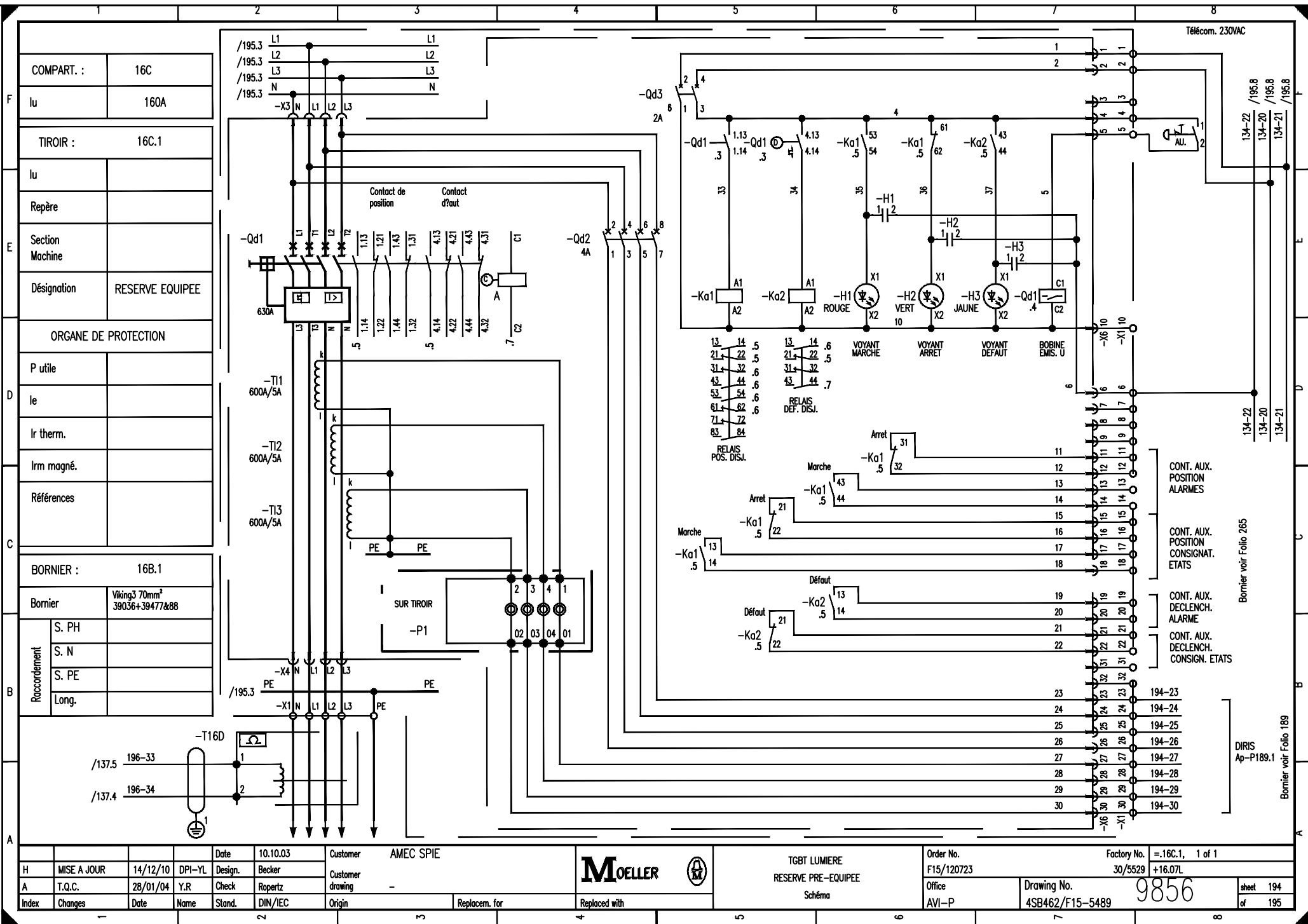
				Date	10.10.03	Customer	AMEC SPIE	<div>MOELLER</div>		TGBT LUMIERE DIRIS Liaisons RS485		Order No.	Factory No.		=LOC7, 2 of 2	
				Design.	Becker	Customer drawing	-					F15/120723	30/5529			
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz							Office	Drawing No.		9856	
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for					AVI-P	4SB462/F15-5489		sheet	189
															of	190

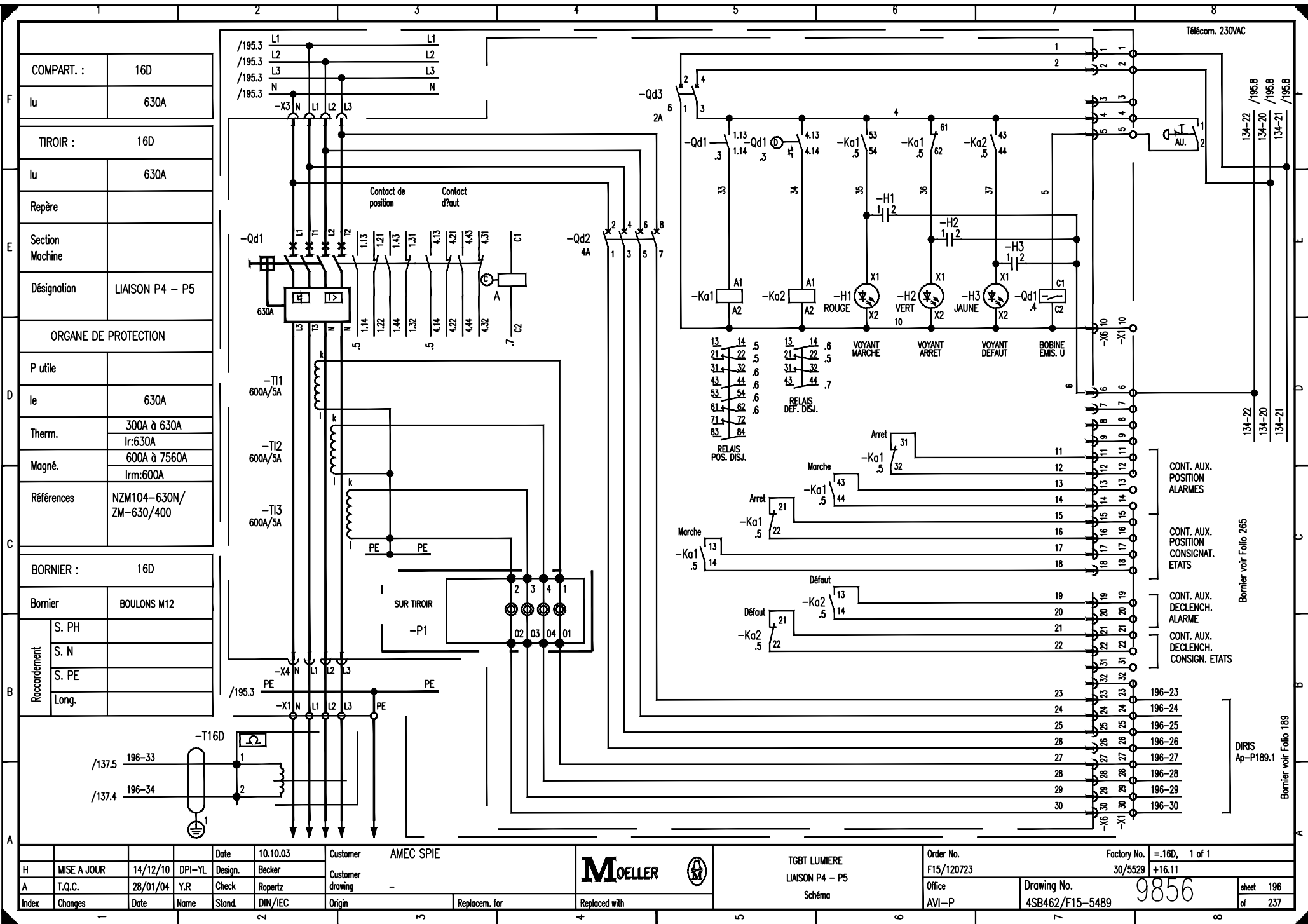


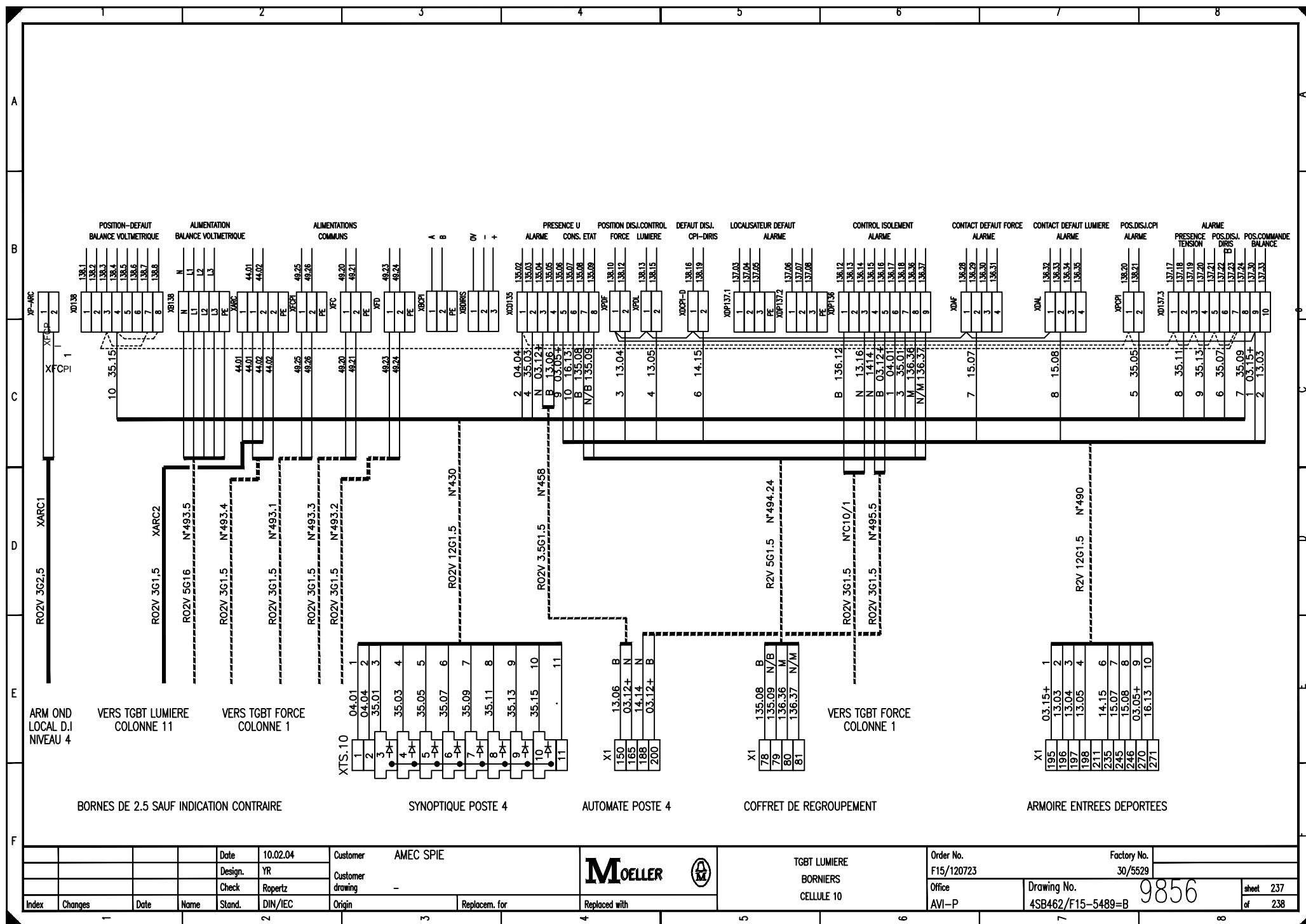
				Date	10.10.03	Customer		AMEC SPIE			TG&T LUMIERE R2 OND 03-467 Schéma		Order No.		Factory No.		=16A.1 1 of 1			
H	MISE A JOUR	14/12/10	DPI-YL	Design.	Becker	Customer							F15/120723		30/5529		+16.03L			
A	T.Q.C.	28/01/04	Y.R	Check	Ropertz	drawing		-					Office		Drawing No.		9856		sheet 190	
Index	Changes	Date	Name	Stand.	Check	Origin		Replacem. for					Replaced with		AVI-P		4SB462/F15-5489		of 191	



H	MISE A JOUR	14/12/10	DPI-YL	Date	10.10.03	Customer	AMEC SPIE	Moeller	TGBT LUMIERE AE TL 00-11 Schéma	Order No. F15/120723 Office AVI-P	Factory No. 30/5529 Drawing No. 4SB462/F15-5489	=16B.1, 1 of 1 +16.05L 9856	sheet of	192 193
A	T.Q.C.	28/01/04	Y.R	Design.	Becker	Customer drawing	-							
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with						







SYNOPTIQUE POSTE 4

XTS.12

Figure 1 illustrates a 6-bit parallel adder. The diagram shows two 6-bit numbers being added. The first number has bits 1 to 6 with values 04.01, 04.04, 36.01, 36.03, 36.05, and 36.07. The second number has bits 1 to 6 with values 1, 2, 3, 4, 5, and 6. The sum is calculated for each bit position, with carry bits being passed to the next higher bit position. The final sum is 100.00.

R02V 7G1.5 N°422

ARMOIRE ENTREES DEPORTEES

		X1
B	03.15+	05
M	05.02	06
N/B	09.02	104

R2V 5G1.5 N°480

COFFRET DE REGROUPEMENT

		X1
N	149.14	66
N/B	149.15	67
M	149.19	68

R2V 5G1.5 N°494.20

AUTOMATE POSTE 4

		X1
B	13.11	157
M	13.12	158
N/B	13.13	159
N/M	03.12+	170

R2V 5G1,5 N°460.1

	170
	X1
24.01	206
24.02	207
	V/J

R2V 3G1,5 N°460.2

COFFRET DE TEMPERATURE

		XT
B	04.07	16
N	04.09	18

R2V 3G1,5 N°433

CELLULE HT N°5

	N	B
XB1	126.09	70
	126.07	71

R2V 3G1,5 N°495.1

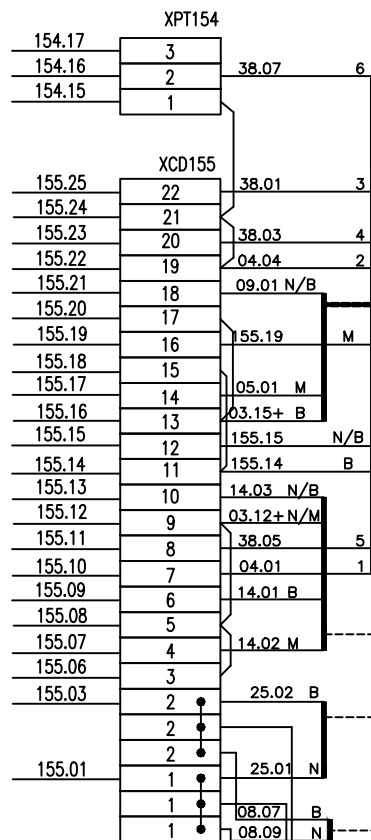
126.09	XB1
126.07	70
	71

BORNES DE 2.5 SAUF INDICATION CONTRAIRE

				Date	10.02.04	Customer AMEC SPIE			M OELLER 	TGBT LUMIERE -TR1 - BORNIERS CELLULE 12	Order No.		Factory No.		
				Design.	YR	Customer					F15/120723	30/5529			
				Check	Ropertz	drawing -									
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with			Office	Drawing No.	9856		sheet 239
											AVI-P	4SB462/F15-5489=B			of 240

9850

CELLULE 2
CELLULE 2
CELLULE 13



R02V 7G1.5 N°423

R2V 5G1.5 N°479

R2V 5G1.5 N°494.21

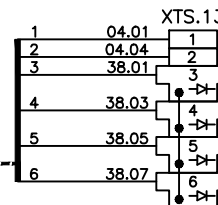
R2V 5G1,5 N°462.1

R2V 3G1,5 N°462.2

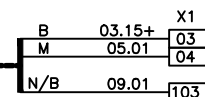
R2V 3G1,5 N°438

R2V 3G1,5 N°495.3

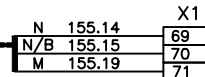
SYNOPTIQUE POSTE 4



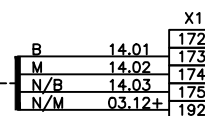
ARMOIRE ENTREES DEPORTEES



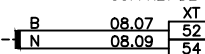
COFFRET DE REGROUPEMENT



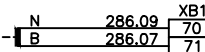
AUTOMATE POSTE 4



COFFRET DE TEMPERATURE



CELLULE HT N°9



BORNES DE 2.5 SAUF INDICATION CONTRAIRE

		Date	10.02.04	Customer	AMEC SPIE		TGBT LUMIERE - TR3 -		Order No.	Factory No.	
		Design.	YR	Customer			BORNERS		F15/120723	30/5529	
		Check	Ropertz	drawing	-		CELLULE 13		Office	Drawing No.	
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with	AVI-P	4SB462/F15-5489=B	

9856

sheet 240
of 241

CELLULE 2
CELLULE 2
CELLULE 14

X14-A1

1	1	134.21
2	2	134.20
	3	
4	4	AU
5	5	
6	6	134.22

AU

	7		
	8		
	9		
10	10		
11	11	04.04	2
12	12	40.01	3
13	13		
14	14	40.03	4
15	15	03.15+	1
16	16	05.03	2
17	17		
18	18		
19	19	04.01	1
20	20	40.05	5
21	21		
22	22	09.03	3
23	23	162.23	
24	24	162.24	
25	25	162.25	
26	26	162.26	
27	27	162.27	
28	28	162.28	
29	29	162.29	
30	30	162.30	
	31		
	32		


VERS FOLIO 242

SYNOPTIQUE POSTE 4

ARMOIRE ENTREES DEPORTEES

		X1
1	03.15+	07
2	05.03	08
3	09.03	105

VERS FOLIO 242

				Date	10.02.04	Customer AMEC SPIE		M OELLER 	TGBT LUMIERE -TL 00.4 - BORNIERS CELLULE 14	Order No.	Factory No.	
				Design.	YR	Customer drawing				F15/120723	30/5529	
				Check	Ropertz	-				Office	Drawing No.	sheet 241
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with	AVI-P	4SB462/F15-5489=B	of 242	

CELLULE 2
CELLULE 2
CELLULE 14

X14-A2 DEPUIS FOLIO 241

DEPUIS FOLIO 241

1	1	134.21
2	2	134.20
	3	
4	4	
5	5	
6	6	134.22
	7	
	8	
	9	
10	10	
11	11	
12	12	40.07 6
13	13	
14	14	40.09 7
15	15	
16	16	05.04 4
17	17	
18	18	
19	19	
20	20	40.11 8
21	21	
22	22	09.04 5
23	23	163.23
24	24	163.24
25	25	163.25
26	26	163.26
27	27	163.27
28	28	163.28
29	29	163.29
30	30	163.30
	31	
	32	

VERS FOLIO 243

SYNOPTIQUE POSTE 4
XTS.14

RO2V 37G1.5 N°424

6	40.07	6
7	40.09	7
8	40.11	8


ARMOIRE ENTREES DEPORTEES

RO2V 27G1.5 N°473

DIRIS AP
(sur porte)

4	05.04	X1
5	09.04	09
		106

VERS FOLIO 243

				Date	10.02.04	Customer	AMEC SPIE	MOELLER 	TGBT LUMIERE - TL 00.8 -	Order No.	Factory No.	9856	sheet 242 of 243
				Design.	YR	Customer			BORNIERS	F15/120723	30/5529		
				Check	Ropertz	Customer	drawing -		CELLULE 14	Office			
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI-P	Drawing No.	4SB462/F15-5489=B	

X14-B1 DEPUIS FOLIO 242


DEPUIS FOLIO 242

ARMOIRE ENTREES DEPORTEES

DIRIS AP
(sur porte)

VERS FOLIO 244

VERS FOLIO 244

				Date	10.02.04	Customer AMEC SPIE			MOELLER 	TGBT LUMIERE – TL 00.3 – BORNIERS CELLULE 14	Order No.		Factory No.			
				Design.	YR						Customer		F15/120723	30/5529		
				Check	Ropertz						drawing					
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		Office	Drawing No.	9856		sheet 243		
										AVI–P	4SB462/F15–5489=B			of 244		

CELLULE 2
CELLULE 2
CELLULE 14

X14-B2 DEPUIS FOLIO 243

DEPUIS FOLIO 243

1	1	134.21
2	2	134.20
	3	
4	4	
5	5	
6	6	134.22
	7	
	8	
	9	
10	10	
11	11	
12	12	41.01 12
13	13	
14	14	41.03 13
15	15	
16	16	05.06 8
17	17	
18	18	
19	19	
20	20	41.05 4
21	21	
22	22	09.06 9
23	23	165.23
24	24	165.24
25	25	165.25
26	26	165.26
27	27	165.27
28	28	165.28
29	29	165.29
30	30	165.30
	31	
	32	

VERS FOLIO 245

SYNOPTIQUE POSTE 4
XTS.14

RO2V 37G1.5 N°424

12	41.01	12
13	41.03	13
14	41.05	14

ARMOIRE ENTREES DEPORTEES

RO2V 27G1.5 N°473

DIRIS AP
(sur porte)

8	05.06	X1
9	09.06	11
		108

VERS FOLIO 245

				Date	10.02.04	Customer		AMEC SPIE	MOELLER 	TGBT LUMIERE – TL 00.7 – BORNIERS CELLULE 14	Order No.	Factory No.	
				Design.	YR	Customer					F15/120723	30/5529	
				Check	Ropertz	drawing		-			Office	Drawing No.	9856
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI-P	4SB462/F15-5489=B	of 245	

CELLULE 2
CELLULE 2
CELLULE 14

X14-C1 DEPUIS FOLIO 244

DEPUIS FOLIO 244

1	1	134.21
2	2	134.20
	3	
4	4	
5	5	
6	6	134.22
	7	
	8	
	9	
10	10	
11	11	
12	12	41.07 15
13	13	
14	14	41.09 16
15	15	
16	16	05.07 10
17	17	
18	18	
19	19	
20	20	41.11 17
21	21	
22	22	09.07 11
23	23	166.23
24	24	166.24
25	25	166.25
26	26	166.26
27	27	166.27
28	28	166.28
29	29	166.29
30	30	166.30
	31	
	32	

VERS FOLIO 246

SYNOPTIQUE POSTE 4
XTS.14

RO2V 37G1.5 N°424

15	41.07	15
16	41.09	16
17	41.11	17

ARMOIRE ENTREES DEPORTEES

RO2V 27G1.5 N°473

DIRIS AP
(sur porte)

10	05.07	X1
11	09.07	12
		109

VERS FOLIO 246

				Date	10.02.04	Customer	AMEC SPIE		TGBT LUMIERE - LUMIERE IRM -	Order No.	F15/120723	Factory No.	30/5529	
				Design.	YR	Customer			BORNIERS	Office	AVI-P	Drawing No.	9856	sheet 245
				Check	Repertz	drawing	-		CELLULE 14			4SB462/F15-5489=B		of 246
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with						

CELLULE 2
CELLULE 2
CELLULE 14

X14-C2 DEPUIS FOLIO 245

DEPUIS FOLIO 245

1	1	134.21
2	2	134.20
	3	
4	4	
5	5	
6	6	134.22
	7	
	8	
	9	
10	10	
11	11	
12	12	41.13 18
13	13	
14	14	41.15 19
15	15	
16	16	05.08 12
17	17	
18	18	
19	19	
20	20	41.17 20
21	21	
22	22	09.08 13
23	23	167.23
24	24	167.24
25	25	167.25
26	26	167.26
27	27	167.27
28	28	167.28
29	29	167.29
30	30	167.30
	31	
	32	

VERS FOLIO 247

SYNOPTIQUE POSTE 4
XTS.14

RO2V 37G1.5 N°424

18	41.13	18
19	41.15	19
20	41.17	20

ARMOIRE ENTREES DEPORTEES

RO2V 27G1.5 N°473

12	05.08	X1
13	09.08	13
		110

DIRIS AP
(sur porte)

VERS FOLIO 247

				Date	10.02.04	Customer		AMEC SPIE	M OELLER 	TGBT LUMIERE – TL 1.9 – BORNIERS CELLULE 14	Order No.	Factory No.	
				Design.	YR	Customer					F15/120723	30/5529	
				Check	Repertz	drawing		–			Office	Drawing No.	9856
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI-P	4SB462/F15-5489=B	of 247	

X14-D1 DEPUIS FOLIO 246


DEPUIS FOLIO 246

ARMOIRE ENTREES DEPORTEES

DIRIS AP
(sur porte)

VERS FOLIO 248

VERS FOLIO 248

				Date	10.02.04	Customer AMEC SPIE		M oeller 	TGBT LUMIERE – TL 1.8 – BORNIERS CELLULE 14	Order No.		Factory No.			
				Design.	YR					Customer drawing		F15/120723	30/5529		
				Check	Ropertz					–		Office	Drawing No.	9856	
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with	AVI–P	4SB462/F15–5489=B	of 248				

CELLULE 2
CELLULE 2
CELLULE 14

X14-D2 DEPUIS FOLIO 247

DEPUIS FOLIO 247

SYNOPTIQUE POSTE 4
XTS.14

ARMOIRE ENTREES DEPORTEES

VERS FOLIO 249

VERS FOLIO 249

RO2V 37G1.5 N°424

RO2V 27G1.5 N°473

DIRIS AP
(sur porte)

XFCPI
XFCPI 1

DEPUIS FOLIO 247

ARMOIRE ENTREES DEPORTEES

		X1
16	05.10	15
17	09.10	112

VERS FOLIO 249

				Date	10.02.04	Customer AMEC SPIE		M OELLER 	TGBT LUMIERE – TL 2.1 – BORNIERS CELLULE 14	Order No. F15/120723		Factory No. 30/5529		
				Design.	YR	Customer drawing								
				Check	Ropertz	-								
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with	AVI-P	Drawing No. 4SB462/F15-5489=B	9856		sheet 248 of 249	

CELLULE 2
CELLULE 2
CELLULE 14

X14-E1 DEPUIS FOLIO 248

DEPUIS FOLIO 248

1	1	134.21
2	2	134.20
	3	
4	4	
5	5	
6	6	134.22
	7	
	8	
	9	
10	10	
11	11	
12	12	42.07 27
13	13	
14	14	42.09 28
15	15	
16	16	05.11 19
17	17	
18	18	
19	19	
20	20	42.11 29
21	21	
22	22	09.11 20
23	23	170.23
24	24	170.24
25	25	170.25
26	26	170.26
27	27	170.27
28	28	170.28
29	29	170.29
30	30	170.30
	31	
	32	

VERS FOLIO 250

SYNOPTIQUE POSTE 4
XTS.14

RO2V 37G1.5 N°424

27	42.07	27
28	42.09	28
29	42.11	29


ARMOIRE ENTREES DEPORTEES

RO2V 27G1.5 N°473

DIRIS AP
(sur porte)

19	05.11	X1
20	09.11	16
		113

VERS FOLIO 250

				Date	10.02.04	Customer		AMEC SPIE	M OELLER 	TGBT LUMIERE – TL 2.2 – BORNIERS CELLULE 14	Order No.	Factory No.	
				Design.	YR	Customer					F15/120723	30/5529	
				Check	Ropertz	drawing		–			Office	Drawing No.	9856
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI–P	4SB462/F15–5489=B	of 250	

CELLULE 2
CELLULE 2
CELLULE 14

X14-E2 DEPUIS FOLIO 249

DEPUIS FOLIO 249

1	1	134.21
2	2	134.20
	3	
4	4	
5	5	
6	6	134.22
	7	
	8	
	9	
10	10	
11	11	
12	12	42.13 30
13	13	
14	14	42.15 31
15	15	
16	16	05.12 21
17	17	
18	18	
19	19	
20	20	42.17 32
21	21	
22	22	09.12 22
23	23	171.23
24	24	171.24
25	25	171.25
26	26	171.26
27	27	171.27
28	28	171.28
29	29	171.29
30	30	171.30
	31	
	32	

DIRIS AP
(sur porte)

RO2V 37G1.5 N°424

RO2V 27G1.5 N°473

ARMOIRE ENTREES DEPORTEES

SYNOPTIQUE POSTE 4
XTS.14

30	42.13	30
31	42.15	31
32	42.17	32

21	05.12	X1
22	09.12	17
		114

A

B

C

D

E

F

				Date	10.02.04	Customer	AMEC SPIE		TGBT LUMIERE - TL 2.3 -	Order No.	F15/120723	Factory No.	30/5529	
				Design.	YR	Customer			BORNIERS	Office	F15-120723	Drawing No.	4SB462/F15-5489=B	sheet 250
				Check	Ropertz	drawing	-		CELLULE 14	AVI-P				of 251
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with						

9856

CELLULE 2
CELLULE 2
CELLULE 15

X15-A1

1	1	134.21
2	2	134.20
	3	
4	4	AU
5	5	
6	6	134.22

	6	
	7	
	8	


10	9	01.04
11	10	

11	11	04.04
12	12	44.01
13	13	

14	15	44.03 03.15+
14	14	
15	15	

16	16	05.13
17	17	
18	17	

18	18	
19	19	04.01
20	20	44.05

21	20		09.13
22	21		
	22		

23	22			177.23
24	23			177.24
25	24			177.25

25	25			177.25
26	26			177.26
27	27			177.27

27	27			177.27
28	28			177.28
29	29			177.29

	29			
30	30			177.30
	31			

32			
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VERS FOLIO 2


VERS FOLIO 252

SYNOPTIQUE POSTE 4

ARMOIRE ENTREES DEPORTEES

		X1
1	03.15+	18
2	05.13	19
3	09.13	115

VERS FOLIO 252

				Date	10.02.04	Customer AMEC SPIE		MOELLER 	TGBT LUMIERE – TL 2.4 – BORNIERS CELLULE 15	Order No.		Factory No.				
				Design.	YR					Customer drawing			F15/120723	30/5529		
				Check	Ropertz					–			Office	Drawing No.	9856	
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI–P	4SB462/F15–5489=B			of 252		

X15-A2 DEPUIS FOLIO 251


DEPUIS FOLIO 251

ARMOIRE ENTREES DEPORTEES

DIRIS AP
(sur porte)

VERS FOLIO 253

VERS FOLIO 253

				Date	10.02.04	Customer AMEC SPIE		MOELLER 	TGBT LUMIERE – TL 3.4 – BORNIERS CELLULE 15	Order No.		Factory No.				
				Design.	YR					Customer drawing			F15/120723	30/5529		
				Check	Ropertz					–			Office	Drawing No.	9856	
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI–P	4SB462/F15–5489=B		of 253			

CELLULE 2
CELLULE 2
CELLULE 15

X15-B1 DEPUIS FOLIO 252

DEPUIS FOLIO 252

1	1	179.21
2	2	179.20
	3	
4	4	
5	5	
6	6	179.22
	7	
	8	
	9	
10	10	
11	11	
12	12	44.13 9
13	13	
14	14	44.15 10
15	15	
16	16	05.15 6
17	17	
18	18	
19	19	
20	20	44.17 11
21	21	
22	22	09.15 7
23	23	179.23
24	24	179.24
25	25	179.25
26	26	179.26
27	27	179.27
28	28	179.28
29	29	179.29
30	30	179.30
	31	
	32	

VERS FOLIO 254

SYNOPTIQUE POSTE 4
XTS.15

RO2V 27G1.5 N°425

9	44.13	9
10	44.15	10
11	44.17	11

ARMOIRE ENTREES DEPORTEES

RO2V 19G1.5 N°474

6	05.15	X1
7	09.15	21
		117

DIRIS AP
(sur porte)

VERS FOLIO 254

				Date	10.02.04	Customer	AMEC SPIE	MOELLER 	TGBT LUMIERE - TL 3.5 -	Order No.	Factory No.	9856	sheet 253 of 254
				Design.	YR	Customer			BORNIERS	F15/120723	30/5529		
				Check	Ropertz	Customer	drawing -		CELLULE 15	Office	Drawing No.		
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI-P	4SB462/F15-5489=B		

CELLULE 2
CELLULE 2
CELLULE 15

X15-B2 DEPUIS FOLIO 253

DEPUIS FOLIO 253

SYNOPTIQUE POSTE 4
XTS.15

ARMOIRE ENTREES DEPORTEES

VERS FOLIO 255

VERS FOLIO 255

DIRIS AP
(sur porte)

RO2V 27G1.5 N°425

RO2V 19G1.5 N°474

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

134.21
134.20
134.22
45.01
45.03
05.16
45.05
09.16
180.23
180.24
180.25
180.26
180.27
180.28
180.29
180.30

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13
14

45.01
45.03
45.05

8 9

05.16 09.16

X1
22
118

				Date	10.02.04	Customer AMEC SPIE		MOELLER 	TGBT LUMIERE – TL 3.6 – BORNIERS CELLULE 15	Order No.		Factory No.		
				Design.	YR	Customer drawing				F15/120723	30/5529			
				Check	Ropertz	–				Office	Drawing No.	9856		sheet 254
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with	AVI–P	4SB462/F15–5489=B		of 255		

CELLULE 2
CELLULE 2
CELLULE 15

X15-C1 DEPUIS FOLIO 254

DEPUIS FOLIO 254

SYNOPTIQUE POSTE 4
XTS.15

ARMOIRE ENTREES DEPORTEES

VERS FOLIO 256

VERS FOLIO 256

DIRIS AP
(sur porte)

RO2V 27G1.5 N°425


RO2V 19G1.5 N°474

X1

1 134.21
2 134.20
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6 134.22
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11
12 45.07 15
13
14 45.09 16
15
16 06.01 10
17
18
19
20 45.11 7
21
22 10.01 11
23 181.23
24 181.24
25 181.25
26 181.26
27 181.27
28 181.28
29 181.29
30 181.30
31
32

15 45.07
16 45.09
17 45.11

10 06.01 X1
11 10.01 25
121

				Date	10.02.04	Customer AMEC SPIE		MOELLER 	TGBT LUMIERE – TL 3.11 – BORNIERS CELLULE 15	Order No.		Factory No.		
				Design.	YR	Customer drawing				F15/120723	30/5529			
				Check	Ropertz	–				Office	Drawing No.	9856		sheet 255
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with	AVI–P	4SB462/F15–5489=B		of 256		

CELLULE 2
CELLULE 2
CELLULE 15

X15-C2 DEPUIS FOLIO 255

DEPUIS FOLIO 255

1	1	134.21
2	2	134.20
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4	4	
5	5	
6	6	134.22
	7	
	8	
	9	
10	10	
11	11	
12	12	45.13 18
13	13	
14	14	45.15 19
15	15	
16	16	XXX 14
17	17	
18	18	
19	19	
20	20	45.17 20
21	21	
22	22	XX 15
23	23	182.23
24	24	182.24
25	25	182.25
26	26	182.26
27	27	182.27
28	28	182.28
29	29	182.29
30	30	182.30
	31	
	32	

VERS FOLIO 257

RO2V 27G1.5 N°425

18	45.13	18
19	45.15	19
20	45.17	20

SYNOPTIQUE POSTE 4
XTS.15

ARMOIRE ENTREES DEPORTEES

RO2V 12G1.5 N°474

14	XX	X1
15	XX	XX
		XX

DIRIS AP
(sur porte)



VERS FOLIO 257

			Date	10.02.04	Customer	AMEC SPIE		TGBT LUMIERE - AE TL01.12 -	Order No.	Factory No.	
			Design.	YR				BORNIERS	F15/120723	30/5529	
E	MISE A JOUR	03/07/07	M.L.	Check	Ropertz	Customer drawing	-	CELLULE 15	Office	Drawing No.	9856
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with	AVI-P	4SB462/F15-5489=B	sheet 256 of 257



TGBT LUMIERE - AE TL01.12 -
BORNIERS
CELLULE 15

Order No.
F15/120723
Office
AVI-P

Factory No.
30/5529

Drawing No.
4SB462/F15-5489=B

9856

sheet 256
of 257

CELLULE 2
CELLULE 2
CELLULE 15

X15-D DEPUIS FOLIO 256

DEPUIS FOLIO 256

1	1	134.21
2	2	134.20
	3	
4	4	
5	5	
6	6	134.22
	7	
	8	
	9	
10	10	
11	11	
12	12	45.19 21
13	13	
14	14	45.21 22
15	15	
16	16	06.02 12
17	17	
18	18	
19	19	
20	20	45.23 23
21	21	
22	22	10.02 13
23	23	183.23
24	24	183.24
25	25	183.25
26	26	183.26
27	27	183.27
28	28	183.28
29	29	183.29
30	30	183.30
	31	
	32	

VERS FOLIO 258

SYNOPTIQUE POSTE 4
XTS.15

RO2V 27G1.5 N°425

21	45.19	21
22	45.21	22
23	45.23	23


ARMOIRE ENTREES DEPORTEES

RO2V 19G1.5 N°474

DIRIS AP
(sur porte)

12	06.02	X1
13	10.02	26
		122

VERS FOLIO 258

				Date	10.02.04	Customer	AMEC SPIE		TGBT LUMIERE - RESEAU 2 ONDULEUR -	Order No.	Factory No.	Drawing No. 9856 4SB462/F15-5489=B	sheet 257 of 258
				Design.	YR	Customer			BORNIERS	F15/120723	30/5529		
				Check	Ropertz	drawing	-		CELLULE 15	Office	AVI-P		
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with					

CELLULE 2
CELLULE 2
CELLULE 15

X15-E DEPUIS FOLIO 257

DEPUIS FOLIO 257

1	1	134.21
2	2	134.20
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4	4	
5	5	
6	6	134.22
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10	10	
11	11	
12	12	46.01 24
13	13	
14	14	46.03 25
15	15	
16	16	
17	17	
18	18	
19	19	
20	20	46.05 26
21	21	
22	22	
23	23	
24	24	
25	25	
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27	27	
28	28	
29	29	
30	30	
	31	
	32	

RO2V 27G1.5 N°425

SYNOPTIQUE POSTE 4
XTS.15

24	46.01	24
25	46.03	25
26	46.05	26

A

B

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D

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F

				Date	10.02.04	Customer	AMEC SPIE	MOELLER 	TGBT LUMIERE - RESERVE -	Order No.	Factory No.	
				Design.	YR	Customer			BORNIERS	F15/120723	30/5529	
				Check	Ropertz	drawing	-		CELLULE 15	Office	Drawing No.	9856
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI-P	4SB462/F15-5489=B	sheet 258 of 259

CELLULE 2
CELLULE 2
CELLULE 16

X16-A1

1	1	134.21
2	2	134.20
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4	4	AU
5	5	
6	6	134.22

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10	10	
11	11	04.04 2
12	12	47.01 3
13	13	
14	14	47.03 4
15	15	
16	16	
17	17	
18	18	
19	19	04.01 1
20	20	47.05 5
21	21	
22	22	
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30	30	
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VERS FOLIO 260

RO2V 27G1.5 N°426

SYNOPTIQUE POSTE 4

1	04.01	1
2	04.04	2
3	47.01	3
4	47.03	4
5	47.05	5

VERS FOLIO 260

				Date	10.02.04	Customer	AMEC SPIE	MOELLER 	TGBT LUMIERE - RESERVE -	Order No.	Factory No.	
				Design.	YR	Customer			BORNIERS	F15/120723	30/5529	
				Check	Ropertz	drawing	-		CELLULE 16	Office	Drawing No.	9856
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI-P	4SB462/F15-5489=B	sheet 259 of 260

Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with	
				Date	10.02.04	Customer	AMEC SPIE		
				Design.	YR	Customer	-		
				Check	Ropertz				

Order No. F15/120723

Office AVI-P

TGBT LUMIERE - RESERVE -

BORNIERS

CELLULE 16

Factory No. 30/5529

Drawing No. 4SB462/F15-5489=B

sheet 260

of 261

9856


DEPUIS FOLIO 259

SYNOPTIQUE POSTE 4
XTS.16

XFCPI

R02V 27G1.5 N°426

VERS FOLIO 261

				Date	10.02.04	Customer AMEC SPIE		MOELLER 	TGBT LUMIERE – RESERVE – BORNIERS CELLULE 16	Order No.		Factory No.			
				Design.	YR	Customer drawing						F15/120723	30/5529		
				Check	Ropertz	-						Office	Drawing No.	9856	
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI-P	4SB462/F15-5489=B		of 261		

CELLULE 2
CELLULE 2
CELLULE 16

X16-B1 DEPUIS FOLIO 260

DEPUIS FOLIO 260

SYNOPTIQUE POSTE 4
XTS.16

RO2V 27G1.5 N°426

VERS FOLIO 262

VERS FOLIO 262


DEPUIS FOLIO 260

SYNOPTIQUE POSTE 4
XTS.16

XFCPI

R02V 27G1.5 N°426

VERS FOLIO 262

				Date	10.02.04	Customer AMEC SPIE			MOELLER 	TGBT LUMIERE – RESERVE – BORNIERES CELLULE 16	Order No.		Factory No.		
				Design.	YR	Customer drawing –					F15/120723		30/5529		
				Check	Ropertz										
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		Office	Drawing No.	9856		sheet 261	
										AVI–P	4SB462/F15–5489=B			of 262	

CELLULE 2
CELLULE 2
CELLULE 16

X16-B2 DEPUIS FOLIO 261

DEPUIS FOLIO 261

SYNOPTIQUE POSTE 4
XTS.16

VERS FOLIO 263

VERS FOLIO 263

RO2V 27G1.5 N°426

48.01 12
48.03 13
48.05 14

48.01 12
48.03 13
48.05 14

134.21
134.20
134.22

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04.04 04.01 04.04 04.01

04.04 04.01 04.04 04.01

XFCP
XFCPI

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				Date	10.02.04	Customer AMEC SPIE		MOELLER 	TGBT LUMIERE – RESERVE – BORNIERS CELLULE 16	Order No.		Factory No.		
				Design.	YR	Customer drawing				F15/120723	30/5529			
				Check	Repertz	-				Office	Drawing No.	9856		sheet 262
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with	AVI-P	4SB462/F15-5489=B	of 263			

		Date	10.02.04	Customer	AMEC SPIE			TGBT LUMIERE - RESERVE - BORNIER CELLULE 16	Order No.	Factory No.	
		Design.	YR	Customer	-				F15/120723	30/5529	
		Check	Ropertz	Origin					Office	Drawing No.	9856
Index	Changes	Date	Name	Stand.	DIN/IEC	Replacem. for			Replaced with	AVI-P	


DEPUIS FOLIO 262

SYNOPTIQUE POSTE 4
XTS.16

XFCPI

R02V 27G1.5 N°426

VERS FOLIO 264

				Date	10.02.04	Customer AMEC SPIE			MOELLER		TGBT LUMIERE – RESERVE – BORNIERS CELLULE 16	Order No.		Factory No.				
				Design.	YR							Customer drawing			F15/120723	30/5529		
				Check	Ropertz							–			Office	Drawing No.	9856	
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI–P	4SB462/F15–5489=B		of 264					

CELLULE 2
CELLULE 2
CELLULE 16

X16-C2 DEPUIS FOLIO 263

DEPUIS FOLIO 263

1	1	134.21
2	2	134.20
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4	4	
5	5	
6	6	134.22
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	9	
10	10	
11	11	
12	12	48.13 18
13	13	
14	14	48.15 19
15	15	
16	16	
17	17	
18	18	
19	19	
20	20	48.17 20
21	21	
22	22	
23	23	
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25	25	
26	26	
27	27	
28	28	
29	29	
30	30	
	31	
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RO2V 27G1.5 N°426

SYNOPTIQUE POSTE 4
XTS.16

18	48.13	18
19	48.15	19
20	48.17	20

VERS FOLIO 265

VERS FOLIO 265

				Date	10.02.04	Customer AMEC SPIE			M OELLER 	TGBT LUMIERE – RESERVE –		Order No.	Factory No.	
				Design.	YR	Customer				BORNIERS	F15/120723	30/5529		
				Check	Ropertz	drawing –					CELLULE 16	Office	Drawing No.	
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI-P	4SB462/F15-5489=B	9856	sheet 264	
													of 265	

X16-D DEPUIS FOLIO 264

DEPUIS FOLIO 264

XTS.16


XFCPI

R02V 27G1.5 N°426

R2V 5G1.5 N°481

		X1
B	03.15+	41
M	06.10	42
N/B	10.10	137

DIRIS AP
(sur porte)

				Date	10.02.04	Customer AMEC SPIE		MOELLER 	TGBT LUMIERE – RESERVE EQUIPEE – BORNIERS CELLULE 16	Order No.		Factory No.				
				Design.	YR					Customer drawing			F15/120723	30/5529		
				Check	Ropertz					–			Office	Drawing No.	9856	
Index	Changes	Date	Name	Stand.	DIN/IEC	Origin	Replacem. for	Replaced with		AVI–P	4SB462/F15–5489=B		of /			