

A3

A

B

C

D

E

F

Propriétés

Objet	Valeur	Fonctions de sélection	
Identification		ACCB	Bouton-poussoir audible cabine
N° de commande	45SFOH57	AHCB	Bouton-poussoir appel externe audible
N° de commande d'un groupe de Cabine	45W281668	ALB	Bouton-poussoir d'alarme
en commençant par	1	ALM	Alarme pour monteurs
Disposition	A	APD	Filtre antiparasite
	45SFOH57	BDS1	Module de réduction du bruit de retombée de frein
	1	BID	Dispositif de contrôle de courroie
Type		BMD	Ventilateur dans la salle des machines
Commande	GCS212MMR	BS	Contacteur de frein
Norme	EN81-1	BSM	Desserte des sous-sols
	EN12015:2004	BTS	Interrupteur du ruban d'acier
Mode d'exploitation	FCL	CB	Bouton-poussoir interne mécanique
Entraînement		CCBL	Appel interne pour le niveau extrême inférieur
Puissance du moteur	0 KW	CCTL	Appel interne pour le niveau extrême supérieur
Machine	2.6T-1OS	CDD	Rideau infrarouge 2D
Disposition	au-dessus	CHCS	Interrupteur de coupure des appels externes
Type	OVFR03B, 403	CHS	Garde-corps en cabine
Charge nominale	1250 kg	CHT	Délai d'ouverture de porte séparé pour appels internes/externes
Vitesse nominale	0.63 m/s	CPI	Indicateur de position de la cabine (éclairage de secours cabine)
		CPS	Système de détection de la position
		CTTL	Lampes d'avertissement cabines
		DCB	Bouton de fermeture de porte
Alimentation en courant		DDOS	Interrupteur de suppression d'ouverture de porte
Mise à la terre	TNC	DDP	Surveillance de la durée de marche
Phases	3	DOB	Bouton d'ouverture de porte
Tension	400 V	DOBF	Bouton d'ouverture de porte, direct
Fréquence	50 Hz	DSBD	Connecteur de pontage du circuit de porte
Porte		DTG	Tachymètre numérique 2 canaux + index
Type	TLD	DTP	Surveillance de temporisation porte
Entraînement	DO5EM	DXT	Délai ouv/ferm. portes opt.
Tension	230 V	DZI	Indicateur de zones de porte
Verrouillage	---	EEC	Issue de secours dans la cabine
Portes	1	EPFL	Puissance étendue pour RSL (30 VCC)
		EPS	Service prioritaire (sans TTL)
Tableau de cabine		ERO	Boîtier de rappel électrique
Nombre	1	FLS	Interrupteur de fin de course
Rangées de boutons d'appel	CBM;HBM	FPD	Contact de porte ignifugée
Elements d'affichage		GTC	Contact cab. limit.
Alarme et éclairage		HB	Bouton-poussoir d'appel externe mécanique
Type d'alarme	---	HFARR	Interfaces homme/machine cage d'asc. pour la France (Flat Fixtures)
Eclairage cabine	CFL2	HPI	Indicateur de position extérieur (plat 7 seg. LCD avec gong)
Frein		HTTL	Lampes d'avertissement extérieur
		ISC	Service indépendant de type 1
		LIH	Eclairage de la cage d'ascenseur
		LNS	Passage à l'étage avec cabine pleine
		LW	Dispositif de surcharge
		MPD	Dispositif de protection du moteur
		MROBL	Mode d'évacuation électrique manuelle
		NDG	Fermeture de porte forcée
		NNA	Ligne neutre non disponible
		OCB	Disjoncteur moteur
		OLD	Dispositif de surcharge
		OS	Interrupteur de survitesse
		PES1	Bouton d'arrêt d'urgence cuvettes d'ascenseur
		RMG	Surveillance à distance automatique (langue, données)

A

B

C

D

E

F

CHANGES		THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS. UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.	CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11 Spécifications de l'installation		DWG 45SFOH57-GBA21310JE_G	
2022-08-19 GCS212MMR	TRANSFER				OTIS ENGINEERING BERLIN	
					DRAWN C.Zingler 2020-05-05	ORIGINAL DATE
					CHK J.v.Wedelst. 2020-05-05	2020-05-05
			APPD A.Jähn 2020-05-05	73 SHEETS		
			Masterpage Masterversion V2		SHEET 1	
			AUTH	Location		



1

2

3

4

5

6

7

8

A3

Fonctions de sélection

SKL = SKL1

SLS = SLS1

SOS

SSM = SSM4

TDOS

TES1

THB

TOCS

Panneau de branchement de la lumière

Interrupteur de fin de course pour inspection montée

Interrupteur de sécurité du parachute

Module de messagerie vocale

Manœuvre de porte sur le toit-cabine

Bouton d'arrêt d'urgence sur le toit-cabine

Thermorupteur

Prise de courant sur le toit-cabine

A

B

C

D

E

CHANGES

2022-08-19 GCS212MMR

TRANSFER

WARNING

THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.

UNPUBLISHED WORK © OTIS ELEVATOR COMPANY

ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR

SCHEMA ELECTRIQUE

GCS 212 MMR

45SFOH57-PT11

Spécifications de l'installation

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING

BERLIN

DRAWN C.Zingler 2020-05-05

CHK J.v.Wedelst. 2020-05-05

APPD A.Jähn 2020-05-05

ORIGINAL DATE

2020-05-05

73 SHEETS

SHEET 2

1

2 ALL DIMENSIONS METRIC 3

4

5

6

7

8

F

F

FORM PA1104 Rev.2019-08-01

DRAFTED IN ACCORDANCE WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

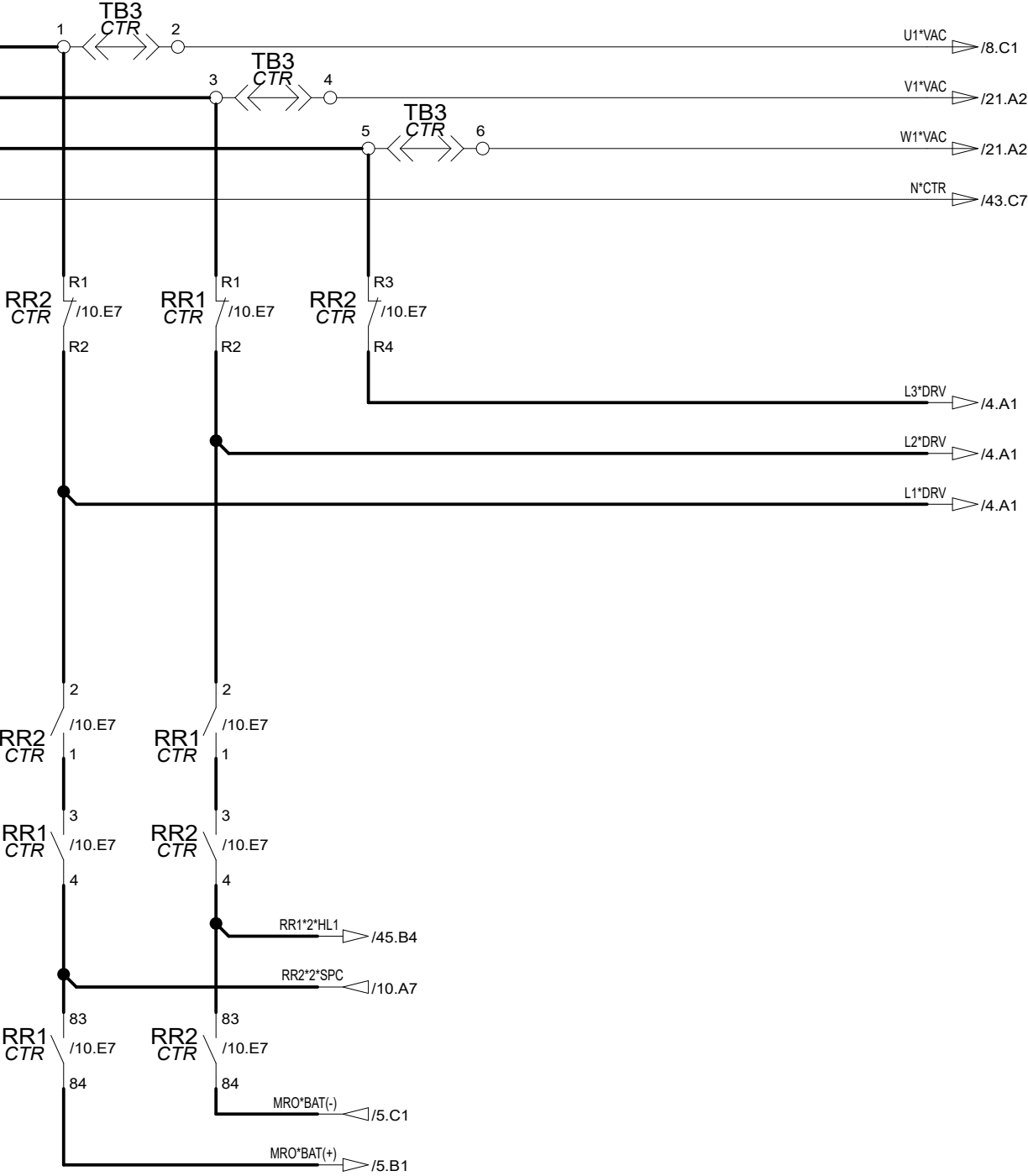
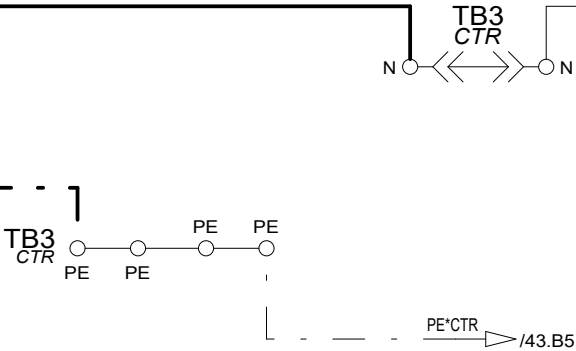
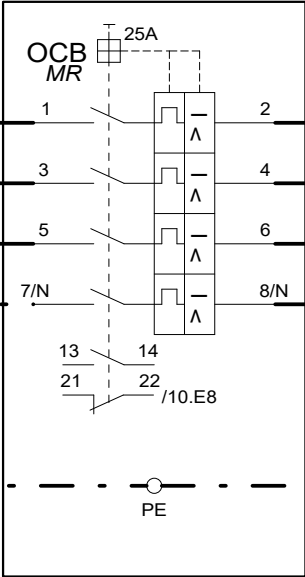
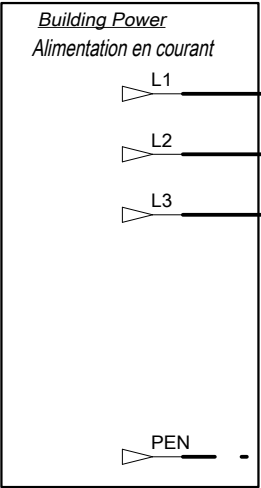
C

D

E

F

A3



CHANGES

2022-08-19 GCS212MMR / CILP1

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE
PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS
DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT
IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS;
THAT NEITHER IT NOR THE INFORMATION IT CONTAINS
WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN
PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS;
AND THAT ON DEMAND IT AND ANY COPIES WILL BE
PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Tension d'alimentation

DWG 45SFOH57-GBA21310JE_G

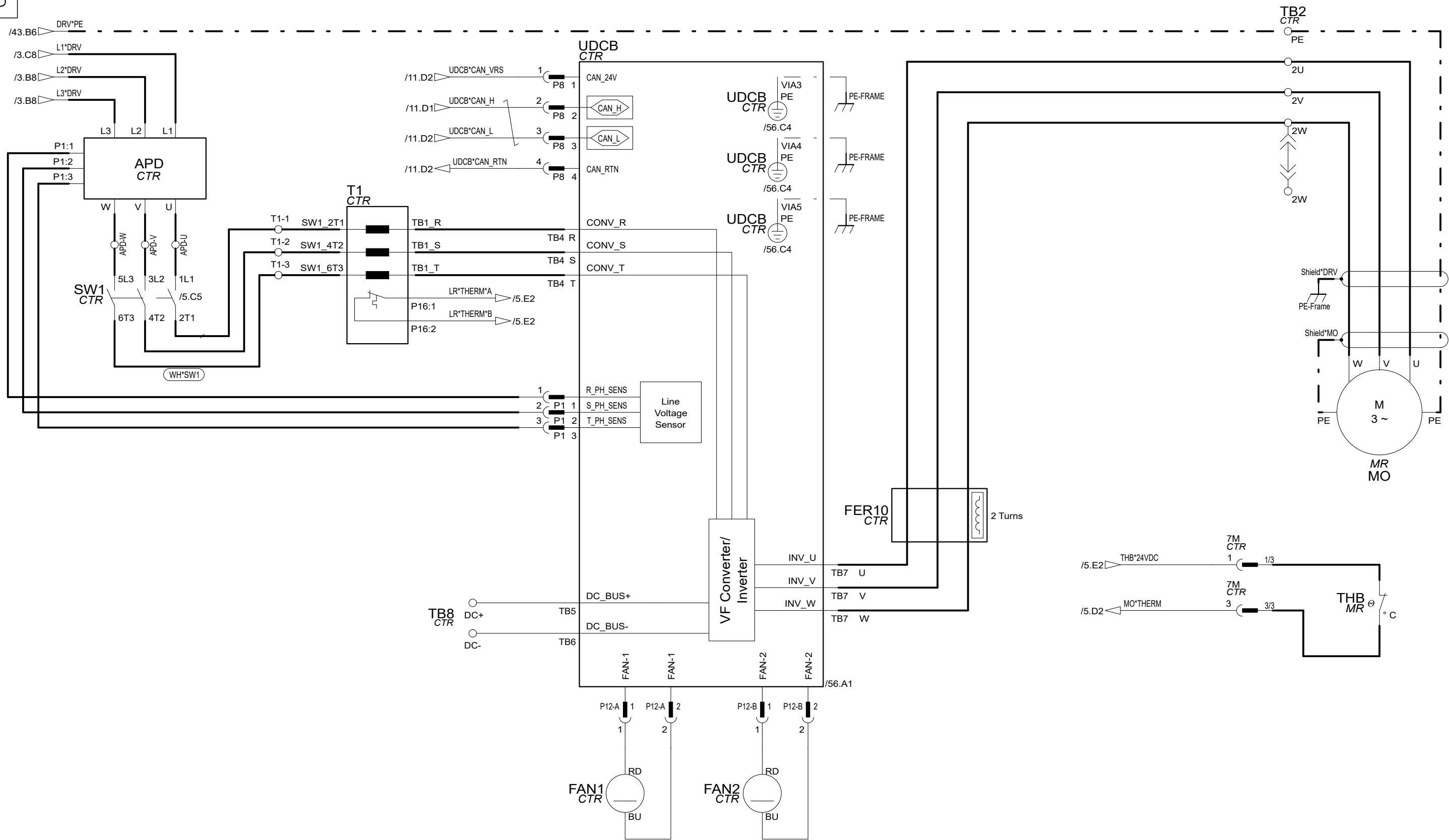
OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	14	Masterversion	V2
SHEET	3		

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

ALL DIMENSIONS METRIC

A3



CHANGES

2022-08-19 GCS212MMR / CILP1

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Pack d'entraînements et moteur

DWG **45SFOH57-GBA21310JE_G**

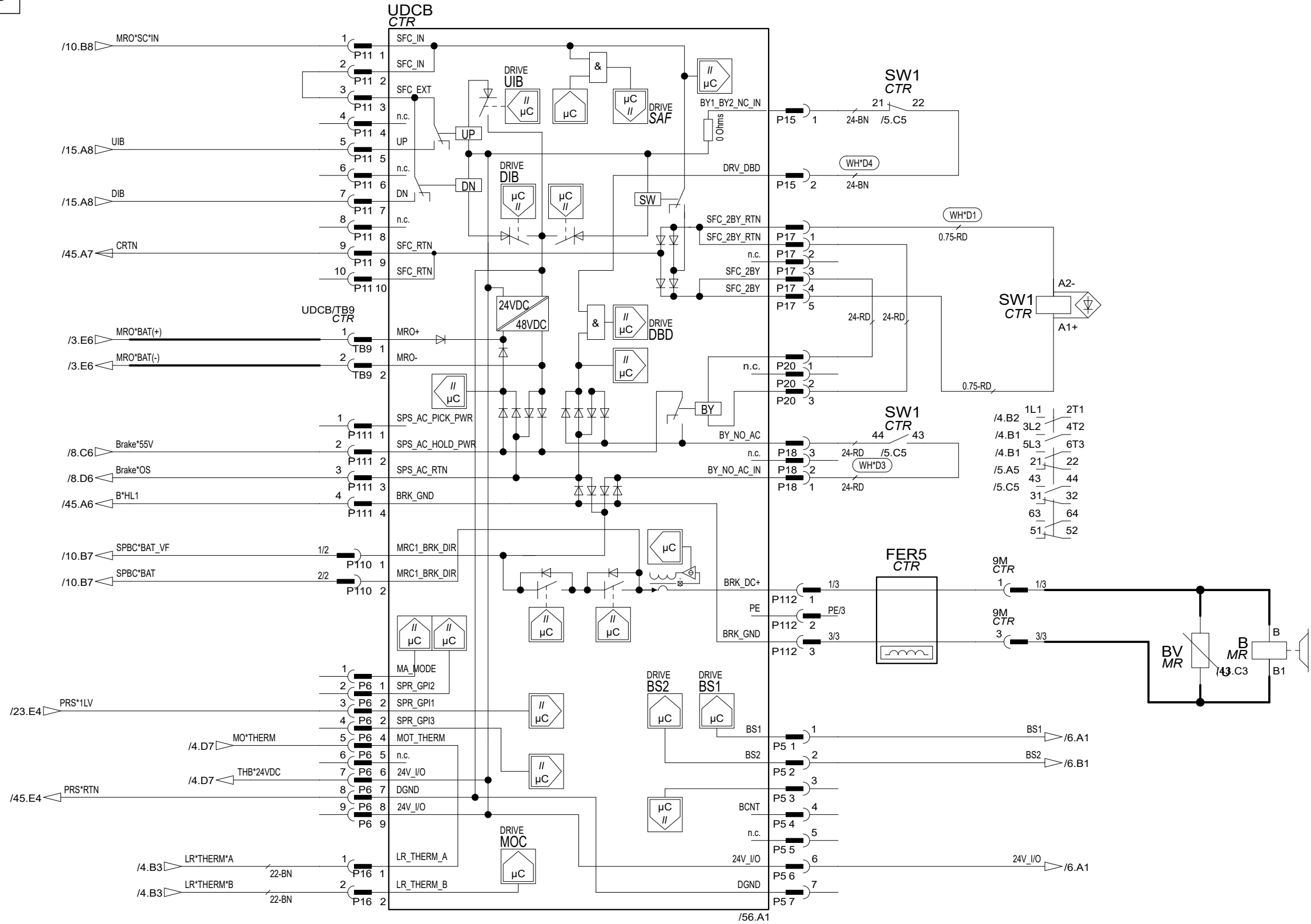
**OTIS ENGINEERING
BERLIN**

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	16	Masterversion V2	SHEET 4

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A3



CHANGES

2022-08-19 GCS212MMR / CILP1

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

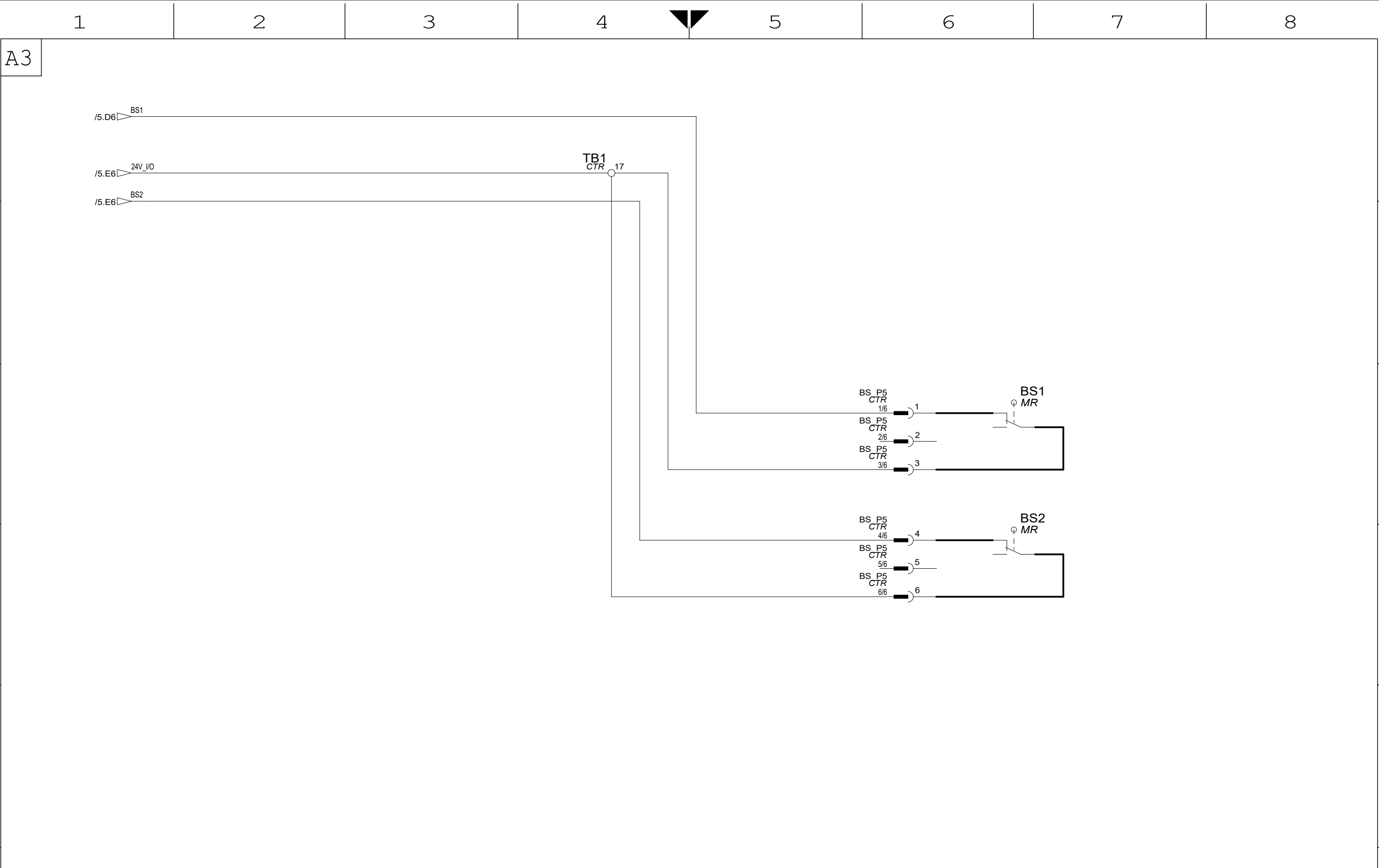
Pack d'entraînements et moteur

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	19	Masterversion V2	SHEET 5

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847



CHANGES		TRANSFER		<div>THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.</div> <div>UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.</div> <div>OTIS</div>		<div>WARNING</div> <div>CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11</div> <div>Frein</div>		DWG 45SFOH57-GBA21310JE_G	
2022-08-19 GCS212MMR / CILP1						OTIS ENGINEERING BERLIN			
						DRAWN C.Zingler 2020-05-05	ORIGINAL DATE		
						CHK J.v.Wedelst. 2020-05-05	2020-05-05		
						APPD A.Jähn 2020-05-05	73 SHEETS		
				AUTH		Location	Masterpage 22 Masterversion V2		
							SHEET 6		

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A3

A

B

C

D

E

F

A

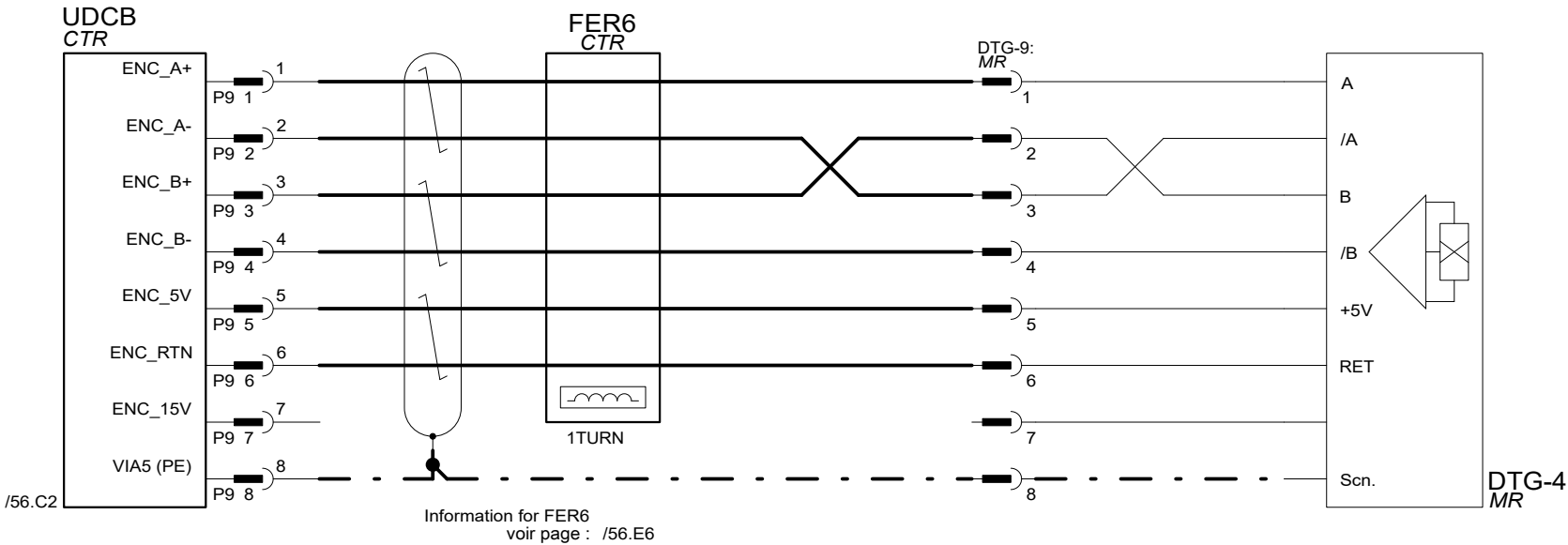
B

C


D

E

F



FORM PA1104 Rev.2019-08-01

CHANGES				TRANSFER		THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS. UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.		CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11 Commande d'entraînement		DWG 45SFOH57-GBA21310JE_G	
2022-08-19 GCS212MMR / CILP1										OTIS ENGINEERING BERLIN	
								DRAWN C.Zingler 2020-05-05		ORIGINAL DATE	
								CHK J.v.Wedelst. 2020-05-05		2020-05-05	
								APPD A.Jähn 2020-05-05		73 SHEETS	
								AUTH		Location	
								Masterpage 23		Masterversion V2	
										SHEET 7	

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

C

D

E

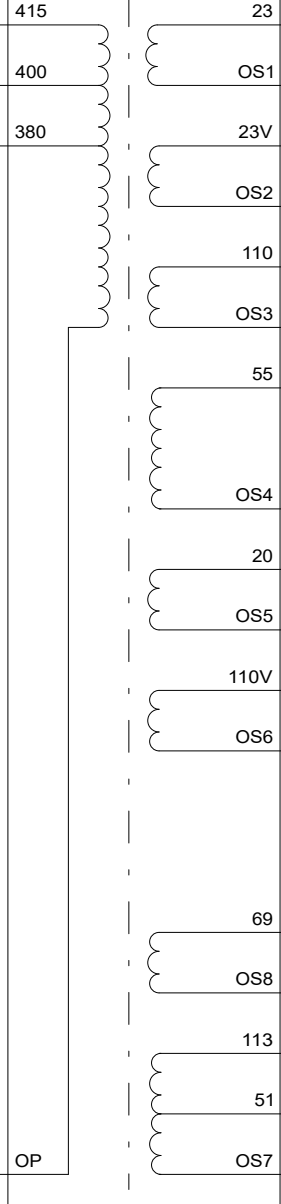
F

A3

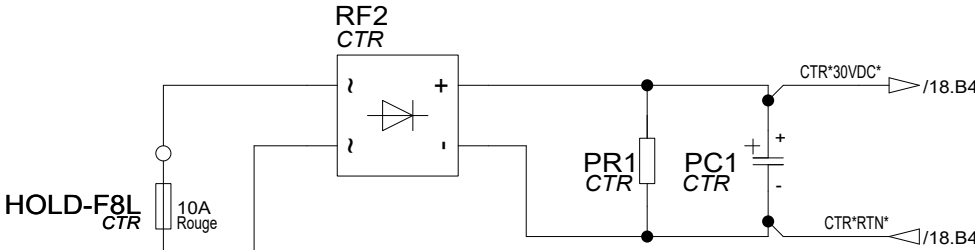
/3.A8 U1*VAC
/21.A4 W1*VAC*

FER11
CTR

TRF1
CTR



F11L
CTR
1 2
4A



CHANGES

2022-08-19 GCS212MMR / CILP1

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE
PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS
DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT
IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS;
THAT NEITHER IT NOR THE INFORMATION IT CONTAINS
WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN
PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS;
AND THAT ON DEMAND IT AND ANY COPIES WILL BE
PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11
Transformateur

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	31	Masterversion	V2
SHEET	8		

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

ALL DIMENSIONS METRIC

A

B

C

D

E

F

A

B

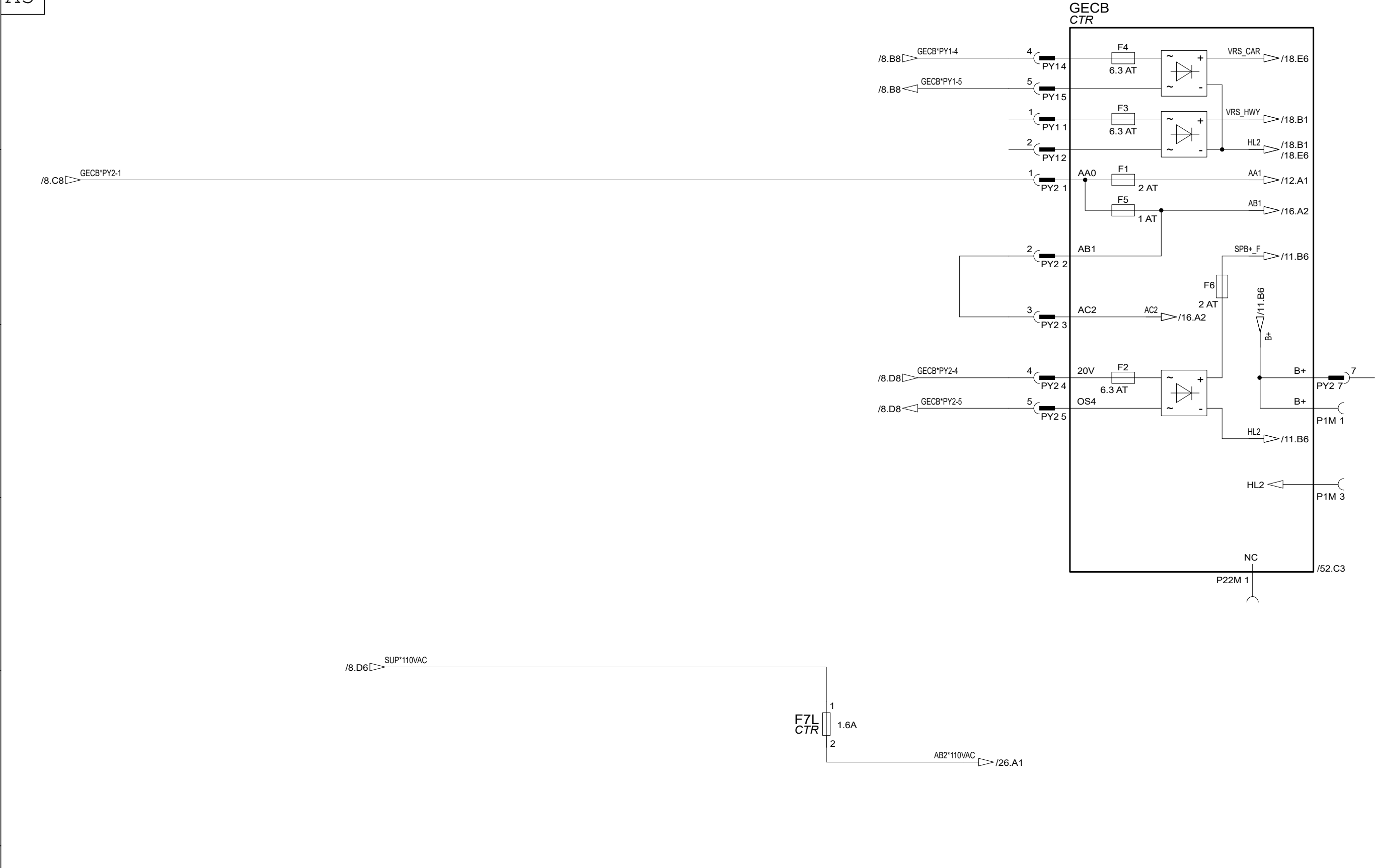
C

D

E

F

A3



CHANGES

2022-08-19 GCS212MMR / CILP1

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11
Transformateur

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	33	Masterversion	V2
SHEET	9		

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

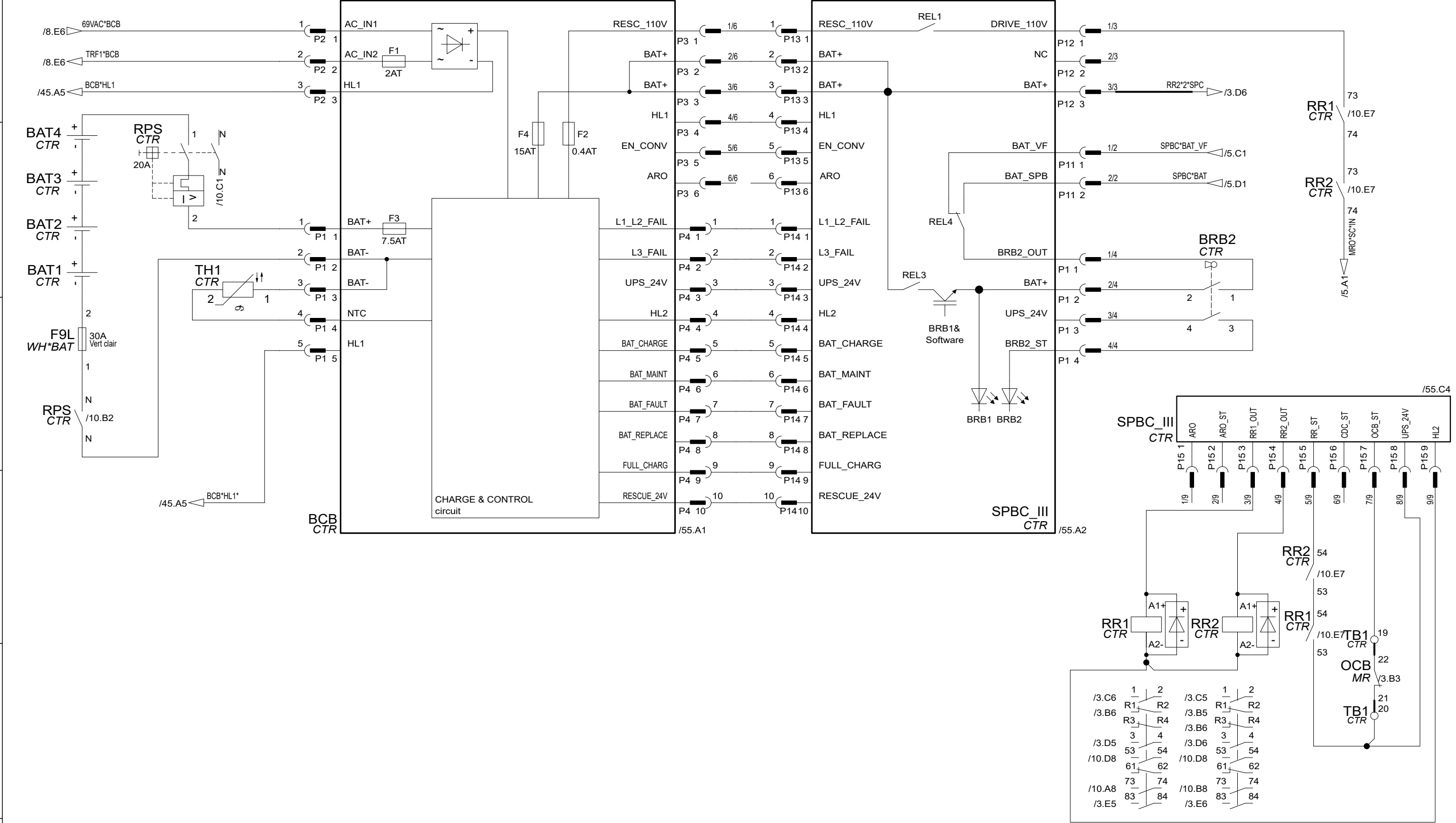
C

D

E

F

A3



CHANGES

2022-08-19 GCS212MMR / CILP1

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Evacuation d'urgence automatique

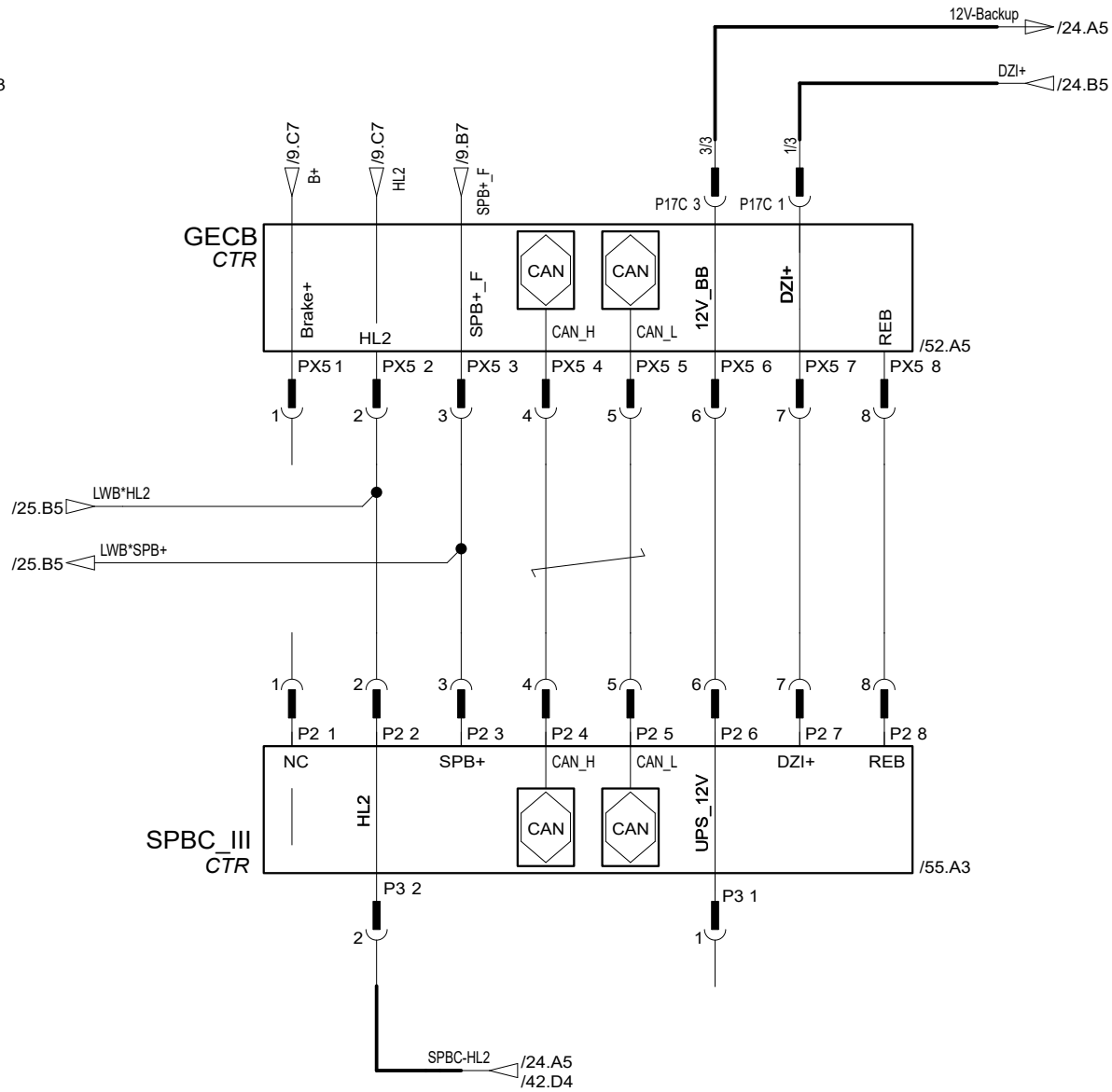
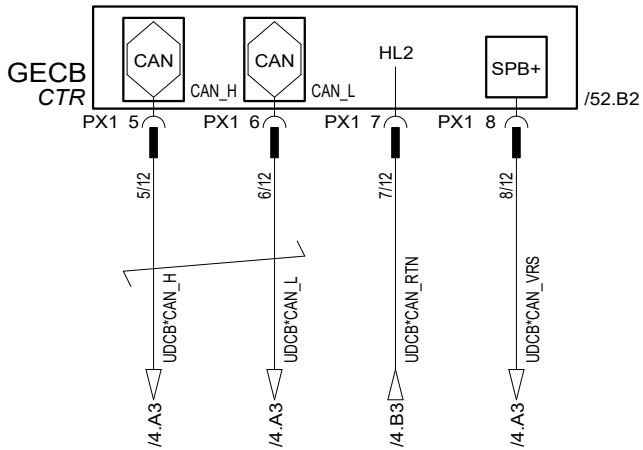
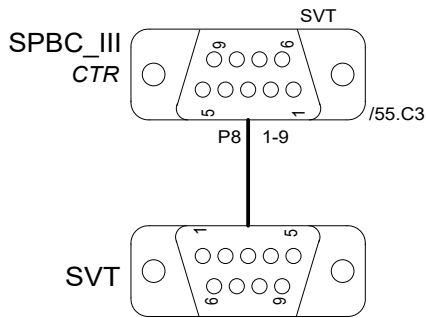
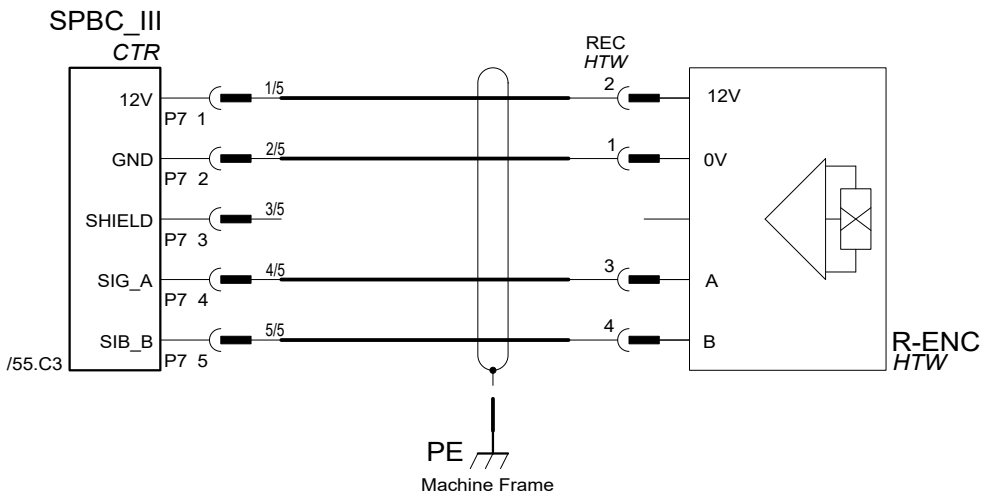
DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	35	Masterversion	V2
SHEET	10		

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A3



CHANGES

2022-08-19 GCS212MMR / CILP1

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Evacuation d'urgence automatique

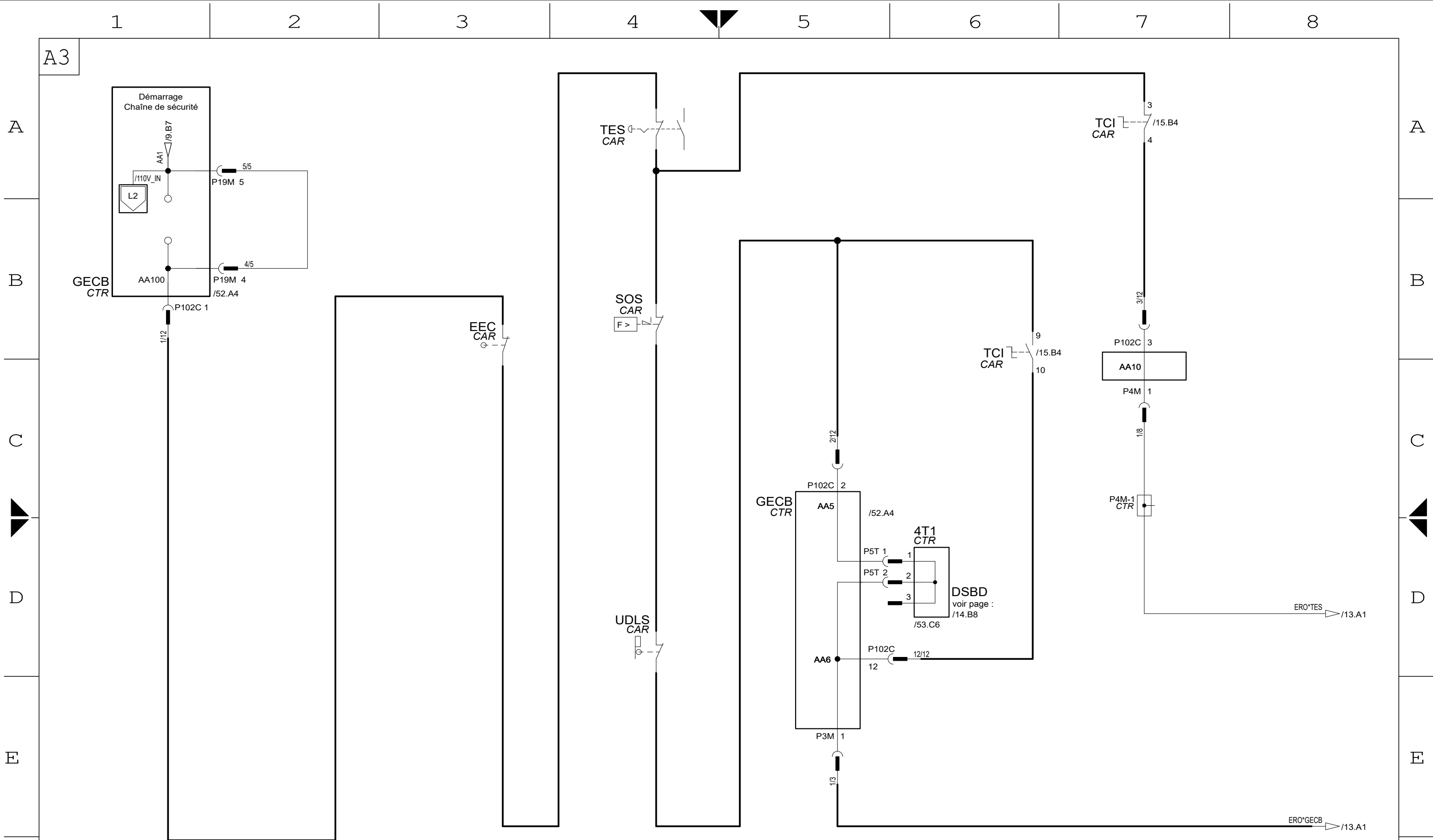
DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	38	Masterversion V2	SHEET 11

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847



FORM PA1104 Rev.2019-08-01

CHANGES

2022-08-19 GCS212MMR / SAFETY_EN81

TRANSFER

WARNING

THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.

UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR

SCHEMA ELECTRIQUE

GCS 212 MMR

45SFOH57-PT11

Chaîne de sécurité EN81-1

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN C.Zingler2020-05-05

ORIGINAL DATE

CHK J.v.Wedelst.2020-05-05

2020-05-05

APPD A.Jahn2020-05-05

73 SHEETS

Masterpage 41 Masterversion V2

SHEET 12

1

2

ALL DIMENSIONS METRIC

3

4

5

6

7

8

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

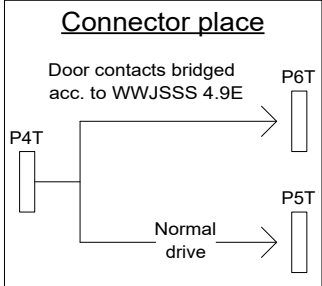
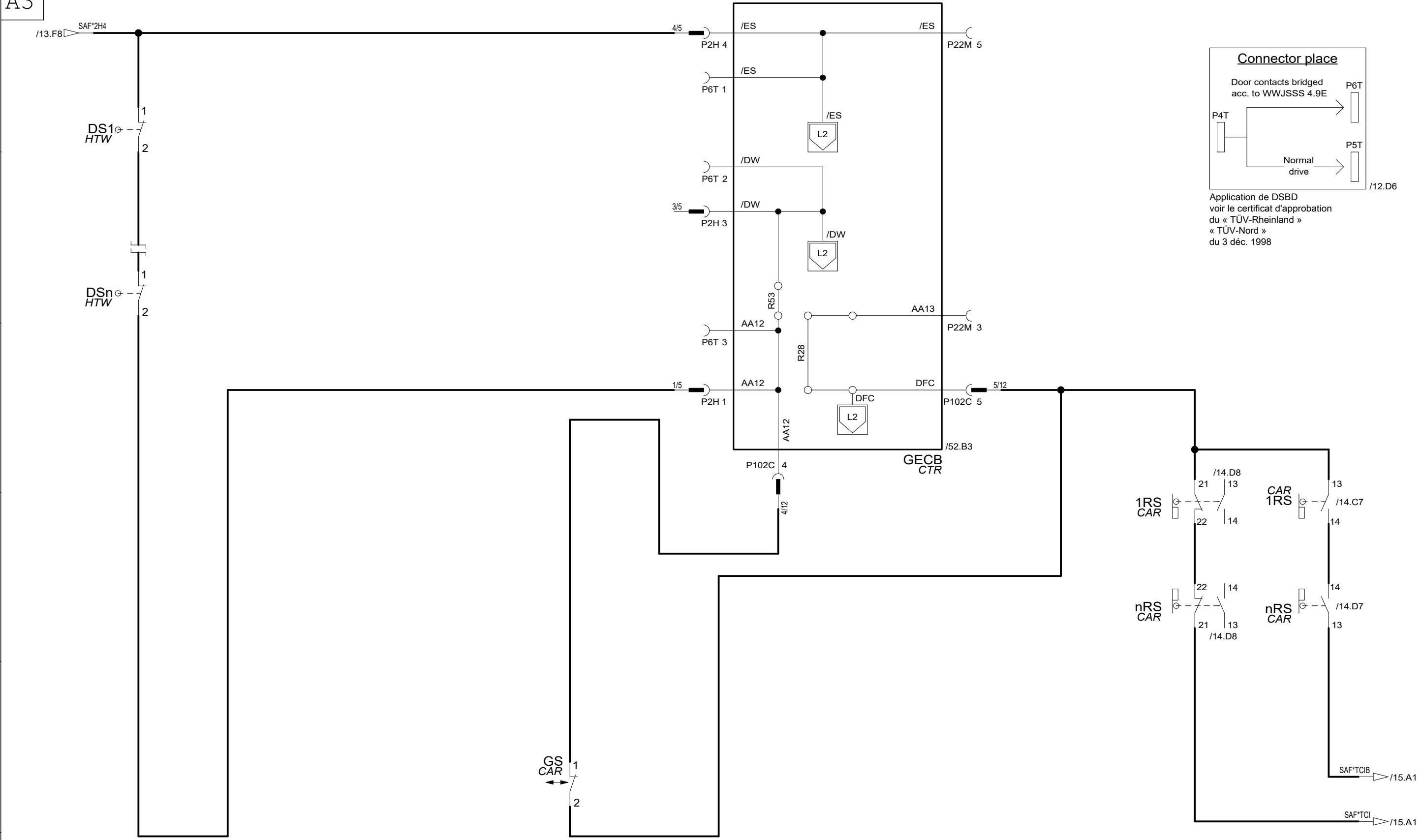
C

D

E

F

A3



Application de DSBD
voir le certificat d'approbation
du « TÜV-Rheinland »
« TÜV-Nord »
du 3 déc. 1998

CHANGES

2022-08-19 GCS212MMR / SAFETY_EN81

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE
PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS
DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT
IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS;
THAT NEITHER IT NOR THE INFORMATION IT CONTAINS
WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN
PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS;
AND THAT ON DEMAND IT AND ANY COPIES WILL BE
PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Chaîne de sécurité EN81-1

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	45	Masterversion V2	SHEET 14

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

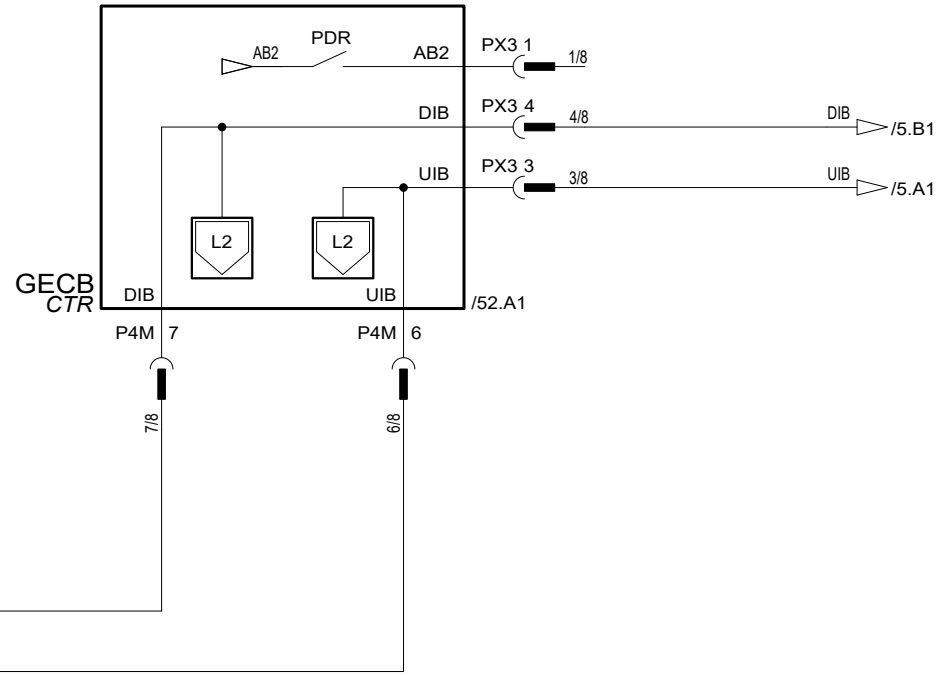
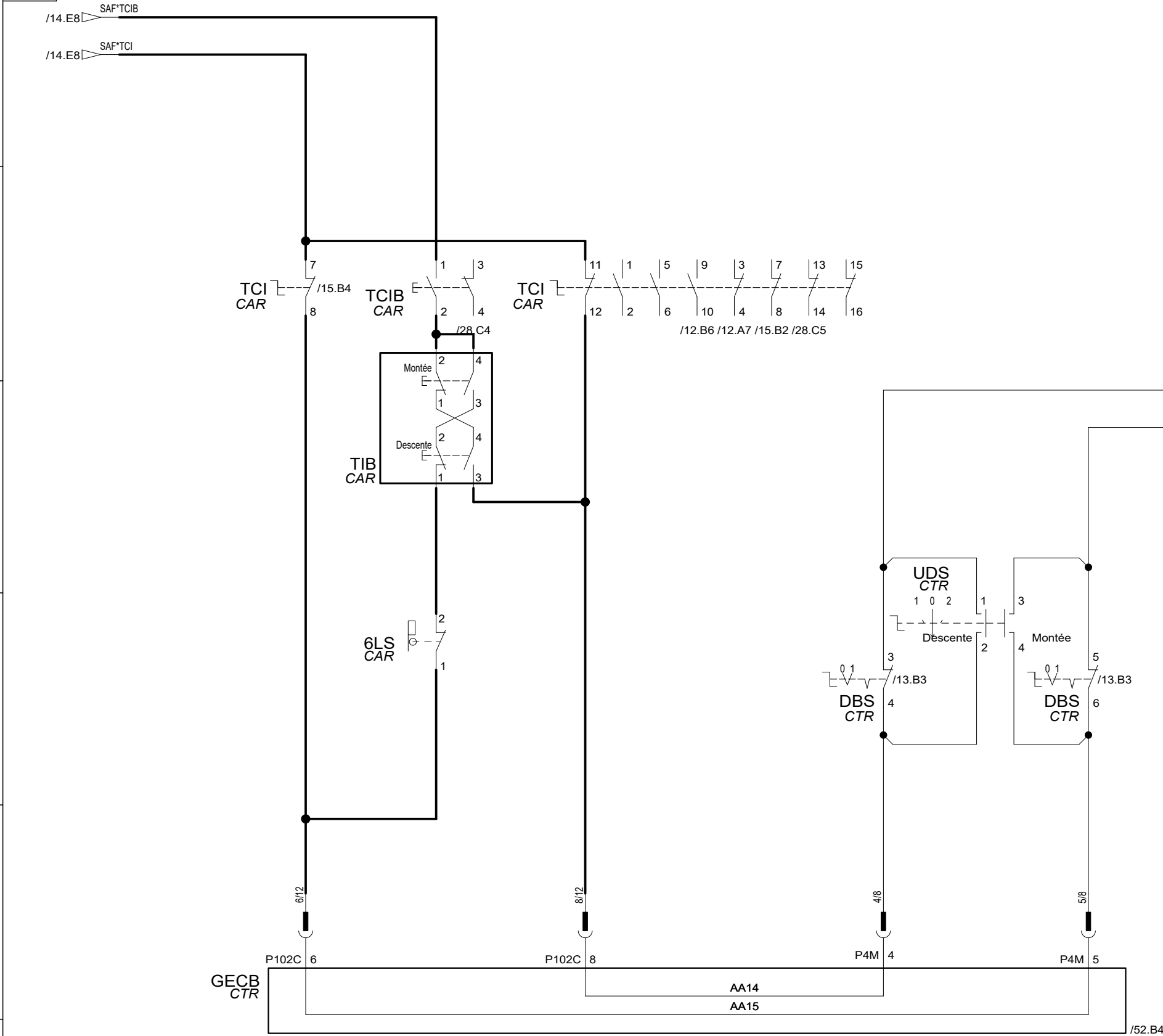
C

D

E

F

A3



CHANGES

2022-08-19 GCS212MMR / SAFETY_EN81

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Chaîne de sécurité EN81-1

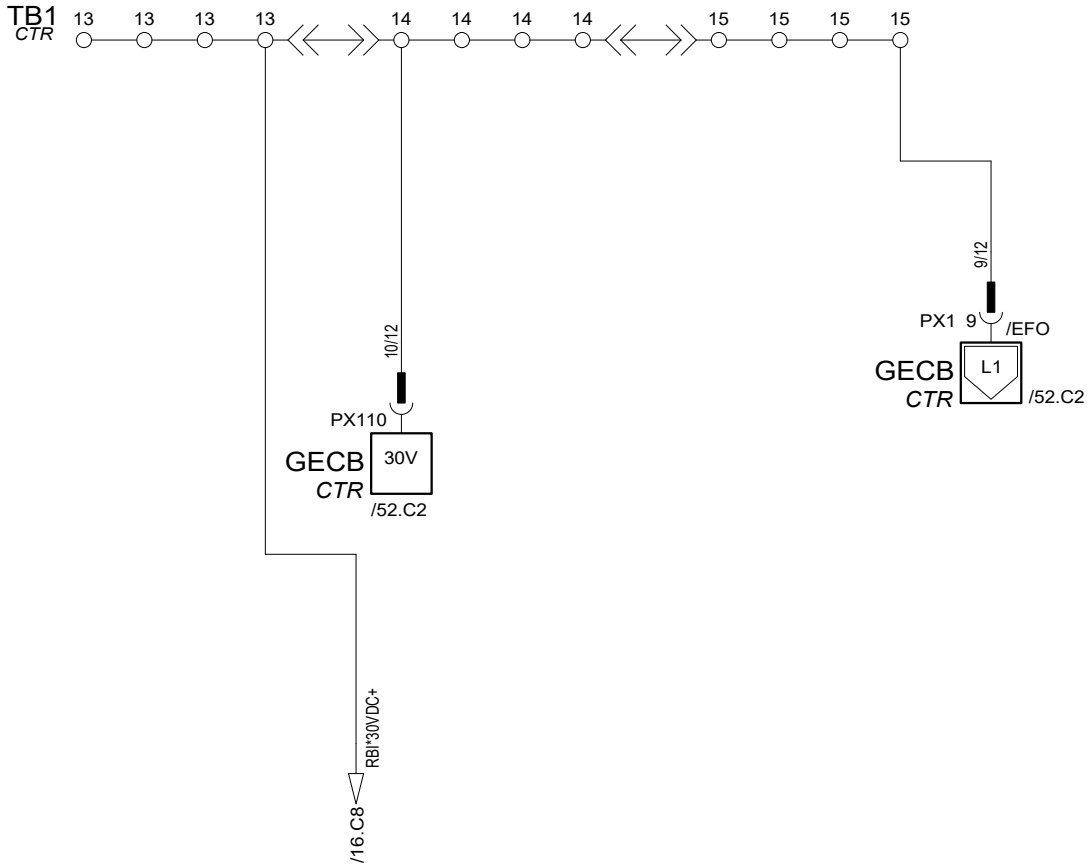
DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	48	Masterversion	V2
SHEET	15		

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A3



CHANGES

2022-08-19 GCS212MMR / SAFETY_EN81

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Chaîne de sécurité EN81-1

DWG **45SFOH57-GBA21310JE_G**

**OTIS ENGINEERING
BERLIN**

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	50	Masterversion V2	SHEET 17

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

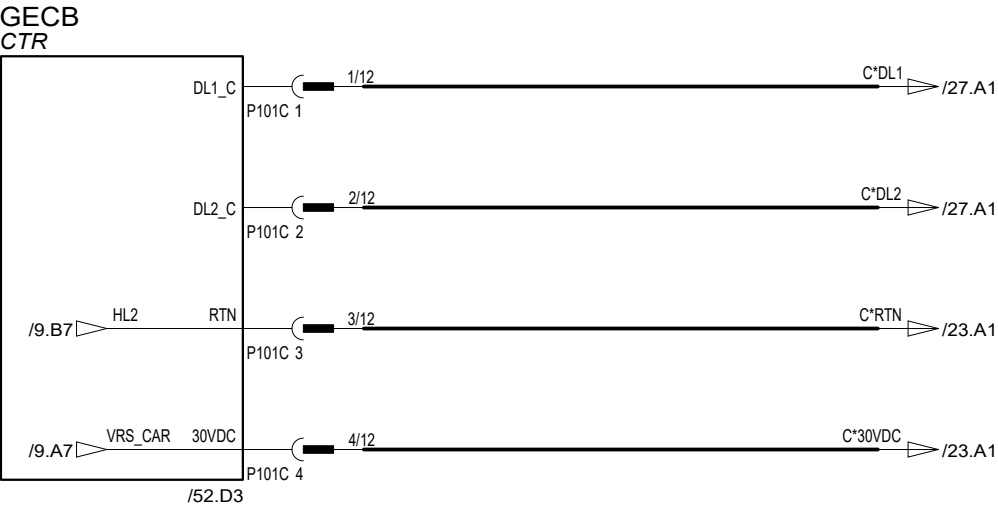
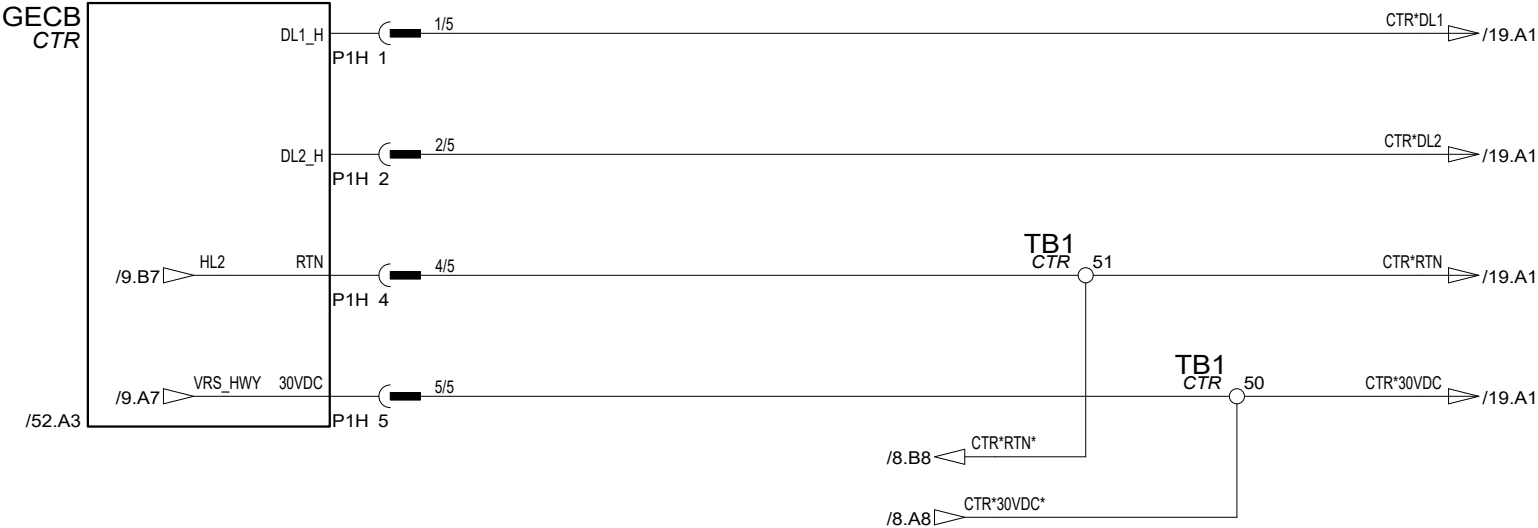
C

D

E

F

A3



CHANGES

2022-08-19 GCS212MMR / CONTROL

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Contrôleur bus de données

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	60	Masterversion V2	SHEET 18

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

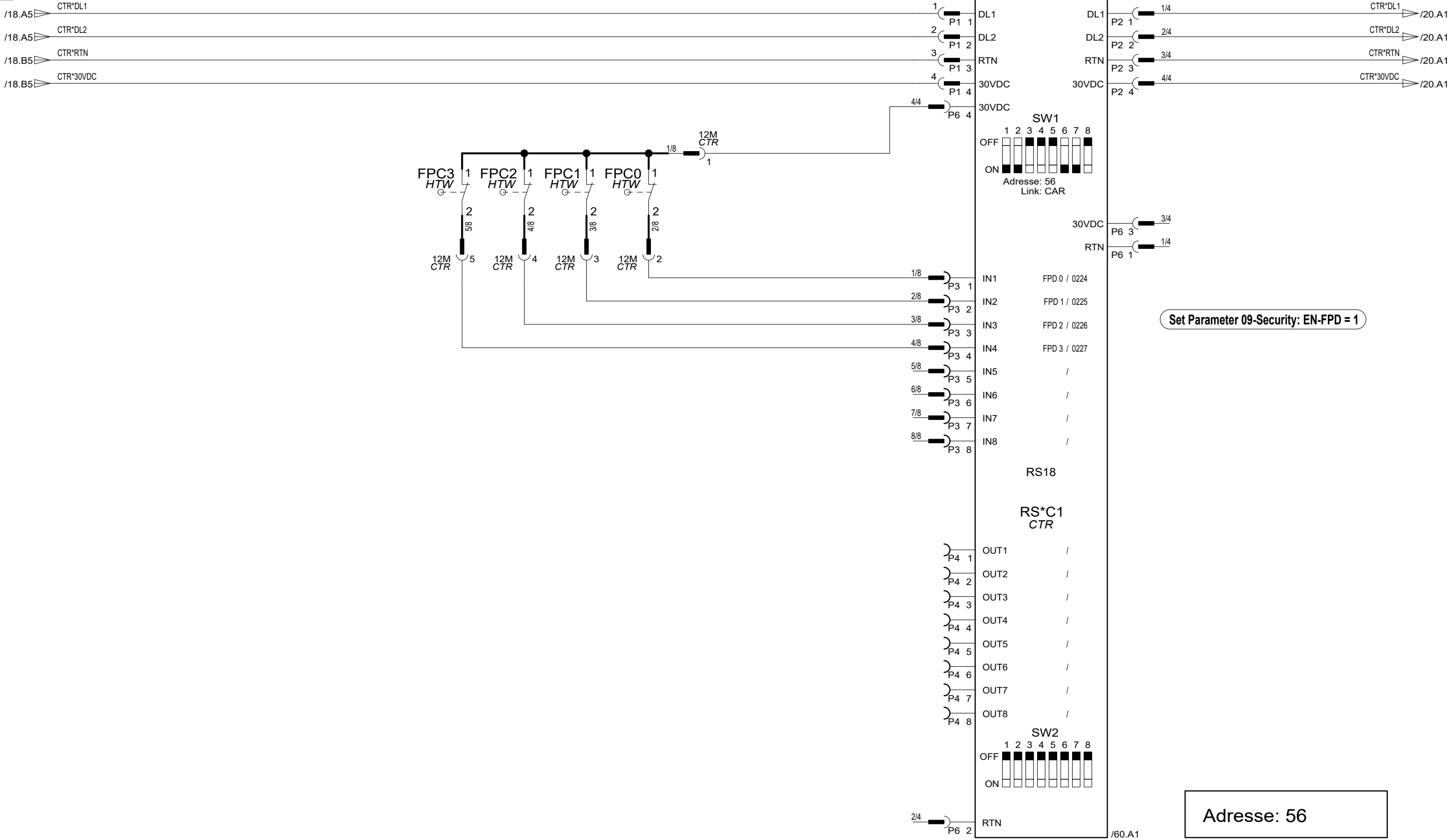
C

D

E

F

A3



CHANGES

2022-08-19 GCS212MMR / CONTROL

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Contrôleur bus de données

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	63	Masterversion V2	SHEET 19

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

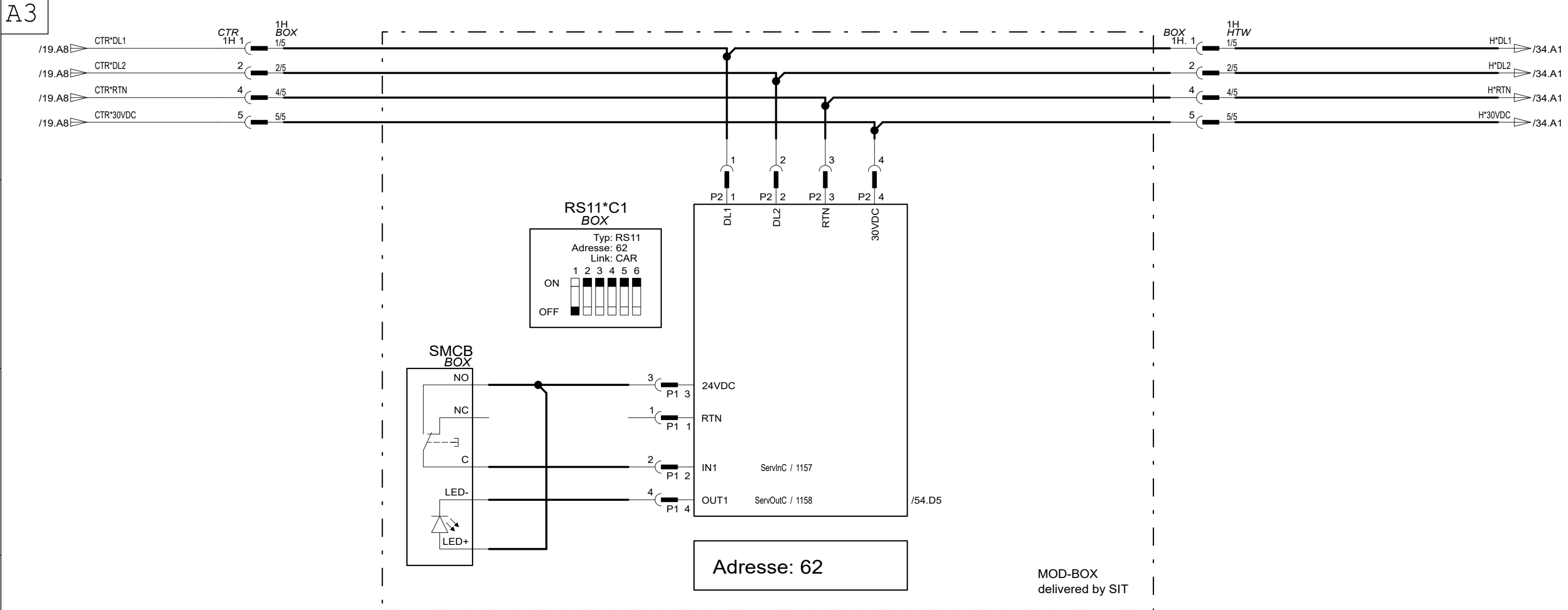
B

C

D

E

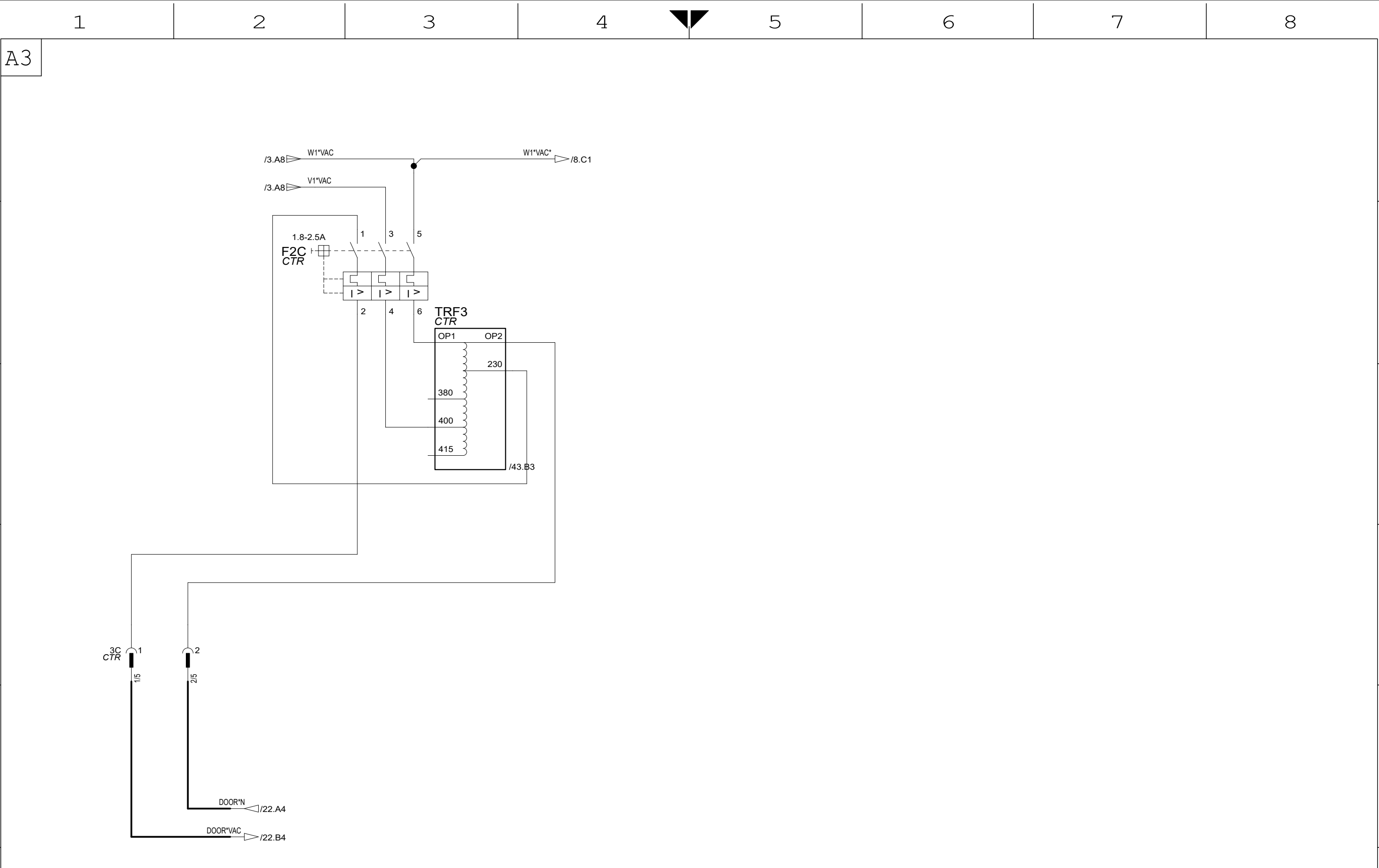
F



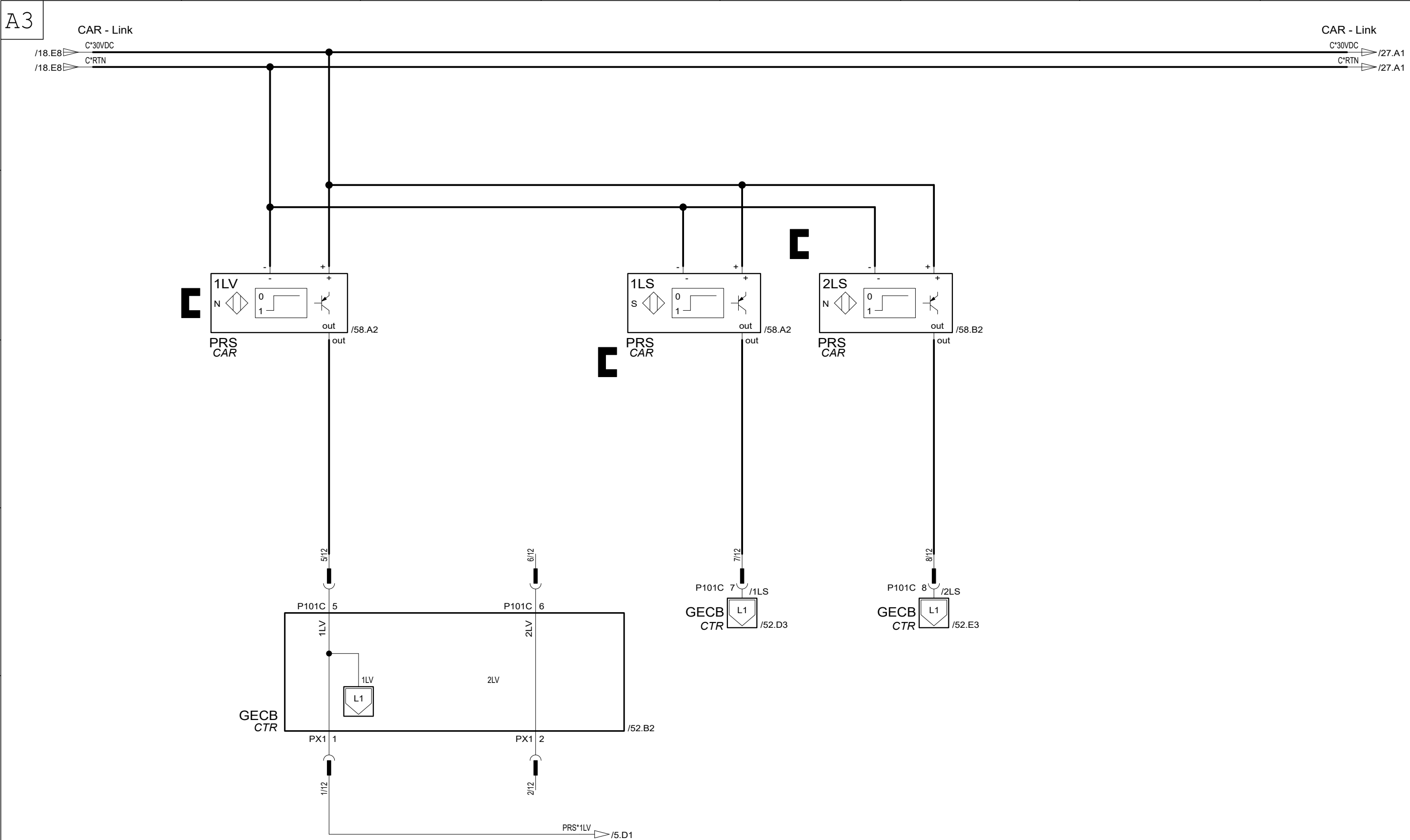
CHANGES				WARNING		CONTROLEUR DU MICROPROCESSEUR		DWG 45SFOH57-GBA21310JE_G	
2022-08-19 GCS212MMR / CONTROL				TRANSFER		SCHEMA ELECTRIQUE		OTIS ENGINEERING BERLIN	
				THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.		GCS 212 MMR		ORIGINAL DATE	
				UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.		45SFOH57-PT11		2020-05-05	
				OTIS		Contrôleur bus de données		2020-05-05	
						AUTH		Location	
						Masterpage 71		Masterversion V2	
								73 SHEETS	
								SHEET 20	

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE WITH OTIS DOCUMENT 52847



CHANGES				WARNING		CONTROLEUR DU MICROPROCESSEUR		DWG 45SFOH57-GBA21310JE_G	
2022-08-19 GCS212MMR / DOOR				TRANSFER		SCHEMA ELECTRIQUE		OTIS ENGINEERING BERLIN	
						GCS 212 MMR		DRAWN C.Zingler 2020-05-05	
						45SFOH57-PT11		CHK J.v.Wedelst. 2020-05-05	
						Tension d'alimentation		APPD A.Jähn 2020-05-05	
								ORIGINAL DATE	
								2020-05-05	
								73 SHEETS	
								SHEET 21	
						AUTH		Location	
								Masterpage 78 Masterversion V2	



CHANGES				TRANSFER			
2022-08-19 GCS212MMR / LWPRS				WARNING THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS. UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.			
				OTIS			
				CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11 Mesure de la charge et de la position			
				DWG 45SFOH57-GBA21310JE_G OTIS ENGINEERING BERLIN			
				DRAWN C.Zingler 2020-05-05 ORIGINAL DATE CHK J.v.Wedelst. 2020-05-05 2020-05-05 APPD A.Jähn 2020-05-05 73 SHEETS			
				Masterpage 125 Masterversion V2 SHEET 23			

A

B

C

D

E

F

A

B

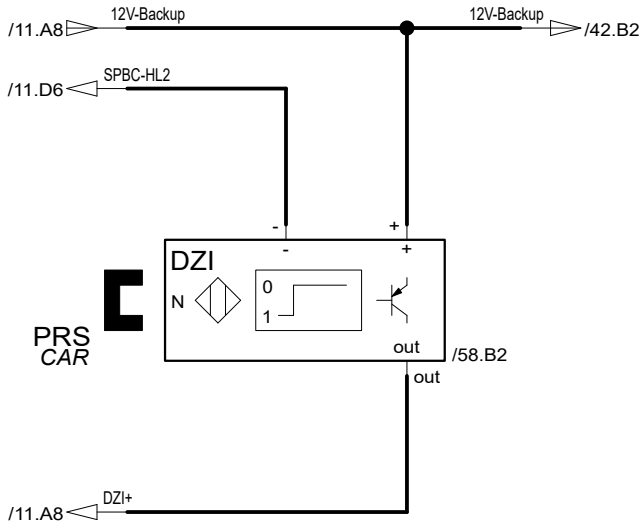
C

D

E

F

A3

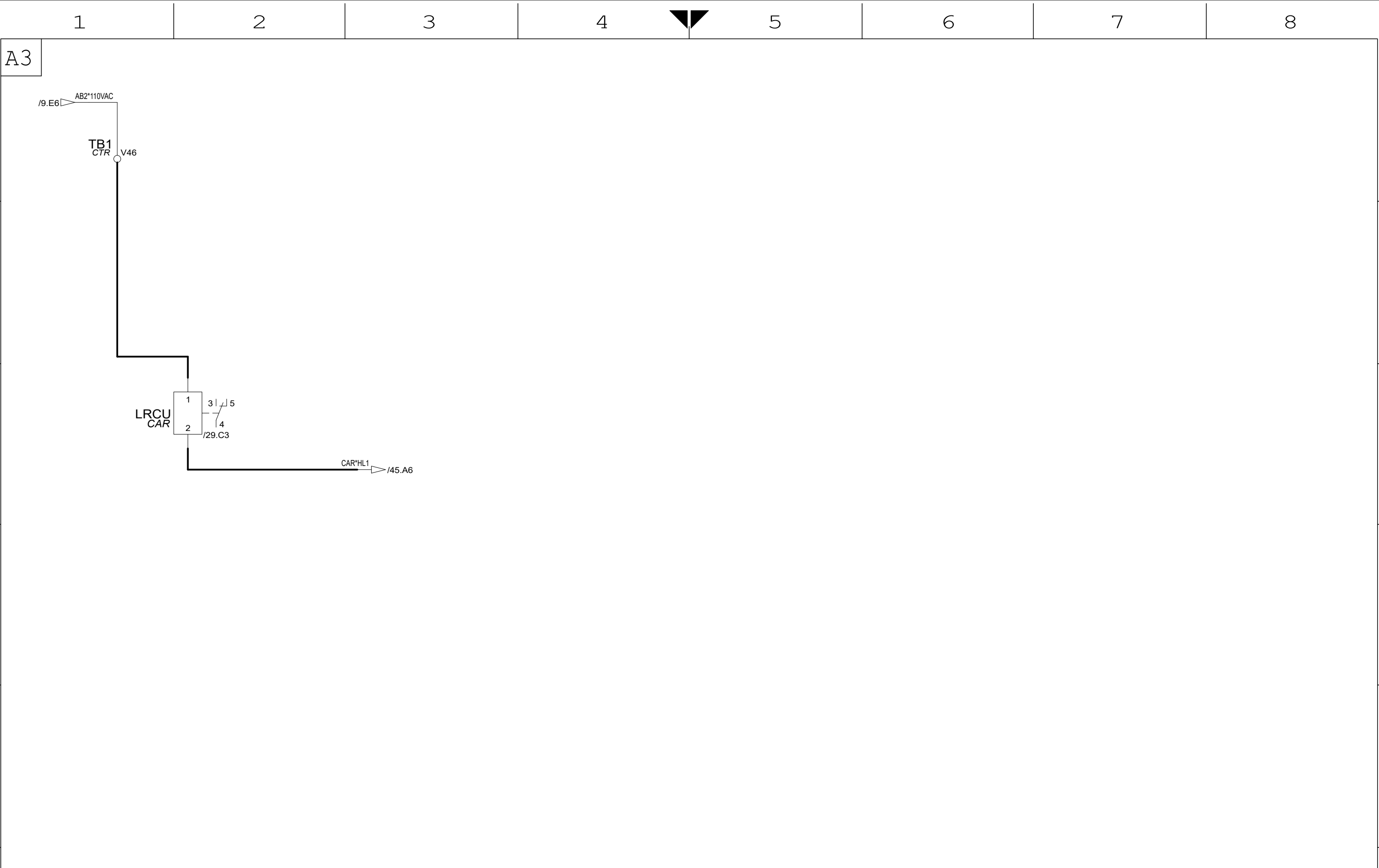


FORM PA1104 Rev.2019-08-01

		CHANGES				THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS. UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.		WARNING		CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11		DWG 45SFOH57-GBA21310JE_G		
2022-08-19		GCS212MMR / LWPRS		TRANSFER						Mesure de la charge et de la position		OTIS ENGINEERING BERLIN		
												DRAWN C.Zingler 2020-05-05		ORIGINAL DATE
												CHK J.v.Wedelst. 2020-05-05		2020-05-05
												APPD A.Jähn 2020-05-05		73 SHEETS
										AUTH		Location		Masterpage 130 Masterversion V2
														SHEET 24

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE WITH OTIS DOCUMENT 52847



CHANGES		TRANSFER		<div>THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.</div> <div>UNPUBLISHED WORK © OTIS ELEVATOR COMPANY</div> <div>ALL RIGHTS RESERVED.</div> <div>OTIS</div>		<div>WARNING</div> <div>THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.</div> <div>UNPUBLISHED WORK © OTIS ELEVATOR COMPANY</div> <div>ALL RIGHTS RESERVED.</div>		<div>CONTROLEUR DU MICROPROCESSEUR</div> <div>SCHEMA ELECTRIQUE</div> <div>GCS 212 MMR</div> <div>45SFOH57-PT11</div> <div>Cabine bus de données EN81-1</div>		<div>DWG 45SFOH57-GBA21310JE_G</div> <div>OTIS ENGINEERING</div> <div>BERLIN</div> <table><tr><td>DRAWN</td><td>C.Zingler</td><td>2020-05-05</td><td>ORIGINAL DATE</td></tr><tr><td>CHK</td><td>J.v.Wedelst.</td><td>2020-05-05</td><td>2020-05-05</td></tr><tr><td>APPD</td><td>A.Jähn</td><td>2020-05-05</td><td>73 SHEETS</td></tr><tr><td>Masterpage</td><td>133</td><td>Masterversion</td><td>V2</td></tr><tr><td>SHEET</td><td>26</td><td colspan="2"></td></tr></table>		DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE	CHK	J.v.Wedelst.	2020-05-05	2020-05-05	APPD	A.Jähn	2020-05-05	73 SHEETS	Masterpage	133	Masterversion	V2	SHEET	26		
DRAWN	C.Zingler											2020-05-05	ORIGINAL DATE																		
CHK	J.v.Wedelst.											2020-05-05	2020-05-05																		
APPD	A.Jähn											2020-05-05	73 SHEETS																		
Masterpage	133	Masterversion	V2																												
SHEET	26																														
2022-08-19 GCS212MMR / CAR_EN81																															
</																															

A

B

C

D

E

F

A

B

C

D

E

F

A3

CAR - Link

/18.D8 C*DL1
/18.D8 C*DL2
/23.A8 C*RTN
/23.A8 C*30VDC

CAR - Link

C*DL1 /28.A1
C*DL2 /28.A1
C*RTN /28.A1
C*30VDC /28.A1

TDOS
CAR

1 0 2

1 P1 3 24VDC
3 P1 1 RTN
3 P2 3 24VDC
1 P2 1 RTN
3 P3 3 24VDC
1 P3 1 RTN
3 P4 3 24VDC
1 P4 1 RTN

DL1 P6 1
DL2 P6 2
RTN P6 3
30VDC P6 4

RS*C13
CAR

Adresse: 18
Link: CAR

ON 1 2 3 4 5 6
OFF

RS14

4 P4 4 OUT4 SSM4 / 0650
2 P4 2 IN4 TDCB / 0706
4 P3 4 OUT3 SSM3 / 0649
2 P3 2 IN3 TDOB / 0705
4 P2 4 OUT2 SSM2 / 0648
2 P2 2 IN2 /
4 P1 4 OUT1 SSM1 / 0647
2 P1 2 IN1 /

Adresse: 18

/62.A2

CHANGES

2022-08-19 GCS212MMR / CAR_EN81

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE
PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS
DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT
IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS;
THAT NEITHER IT NOR THE INFORMATION IT CONTAINS
WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN
PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS;
AND THAT ON DEMAND IT AND ANY COPIES WILL BE
PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Cabine bus de données EN81-1

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	134	Masterversion	V2
SHEET	27		

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

ALL DIMENSIONS METRIC

A

B

C

D

E

F

A

B

C

D

E

F

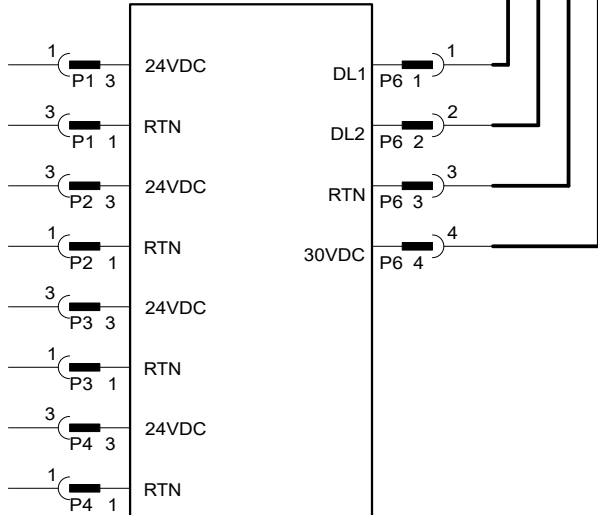
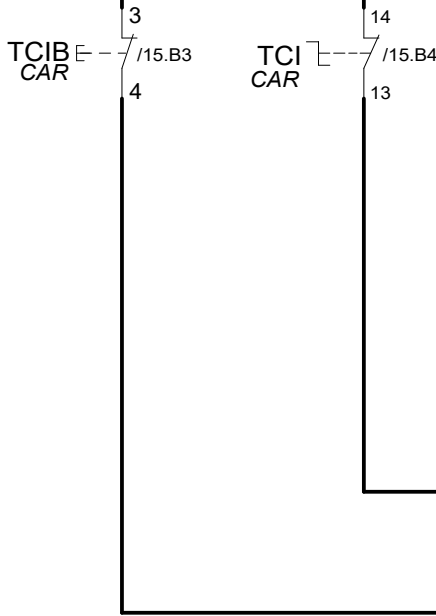
A3

CAR - Link

/27.A8 C*DL1
/27.A8 C*DL2
/27.A8 C*RTN
/27.A8 C*30VDC

CAR - Link

C*DL1 /29.A1
C*DL2 /29.A1
C*RTN /29.A1
C*30VDC /29.A1

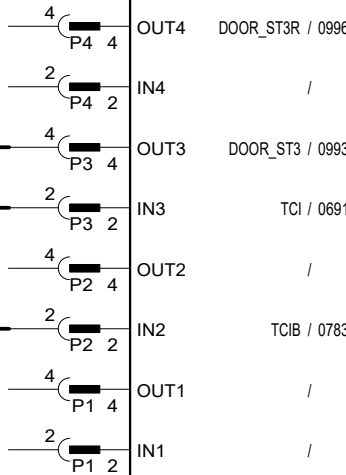


RS*C15
CAR

Adresse: 16
Link: CAR



RS14



Adresse: 16

CHANGES

2022-08-19 GCS212MMR / CAR_EN81

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE
PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS
DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT
IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS;
THAT NEITHER IT NOR THE INFORMATION IT CONTAINS
WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN
PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS;
AND THAT ON DEMAND IT AND ANY COPIES WILL BE
PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Cabine bus de données EN81-1

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	135	Masterversion	V2
SHEET	28		

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

C

D

E

F

A3

CAR - Link

/28.A8 C*DL1
/28.A8 C*DL2
/28.A8 C*RTN
/28.A8 C*30VDC

CAR - Link

C*DL1 /30.A1
C*DL2 /30.A1
C*RTN /30.A1
C*30VDC /30.A1

/22.B7 DCSS*24VDC

LRCU
CAR

5 3
/26.C2
4

/22.C7 DCSS*REV

/22.D7 DCSS*ST2

/22.E7 DCSS*DOS

/22.D7 DCSS*ST1

/22.E7 DCSS*DOL

1 P1 3 24VDC
3 P1 1 RTN
3 P2 3 24VDC
1 P2 1 RTN
3 P3 3 24VDC
1 P3 1 RTN
3 P4 3 24VDC
1 P4 1 RTN

DL1 P6 1
DL2 P6 2
RTN P6 3
30VDC P6 4

RS*C17
CAR

Adresse: 17
Link: CAR

ON 1 2 3 4 5 6
OFF

RS14

4 P4 4 OUT4 DOOR_ST2 / 0992
2 P4 2 IN4 DOS / SGS / 0605
4 P3 4 OUT3 DOOR_ST1 / 0991
2 P3 2 IN3 LRD / 0607
4 P2 4 OUT2 /
2 P2 2 IN2 /
4 P1 4 OUT1 /
2 P1 2 IN1 DOL / 0000

Adresse: 17

/62.A6

CHANGES

2022-08-19 GCS212MMR / CAR_EN81

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE
PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS
DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT
IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS;
THAT NEITHER IT NOR THE INFORMATION IT CONTAINS
WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN
PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS;
AND THAT ON DEMAND IT AND ANY COPIES WILL BE
PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Cabine bus de données EN81-1

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	137	Masterversion V2	SHEET 29

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

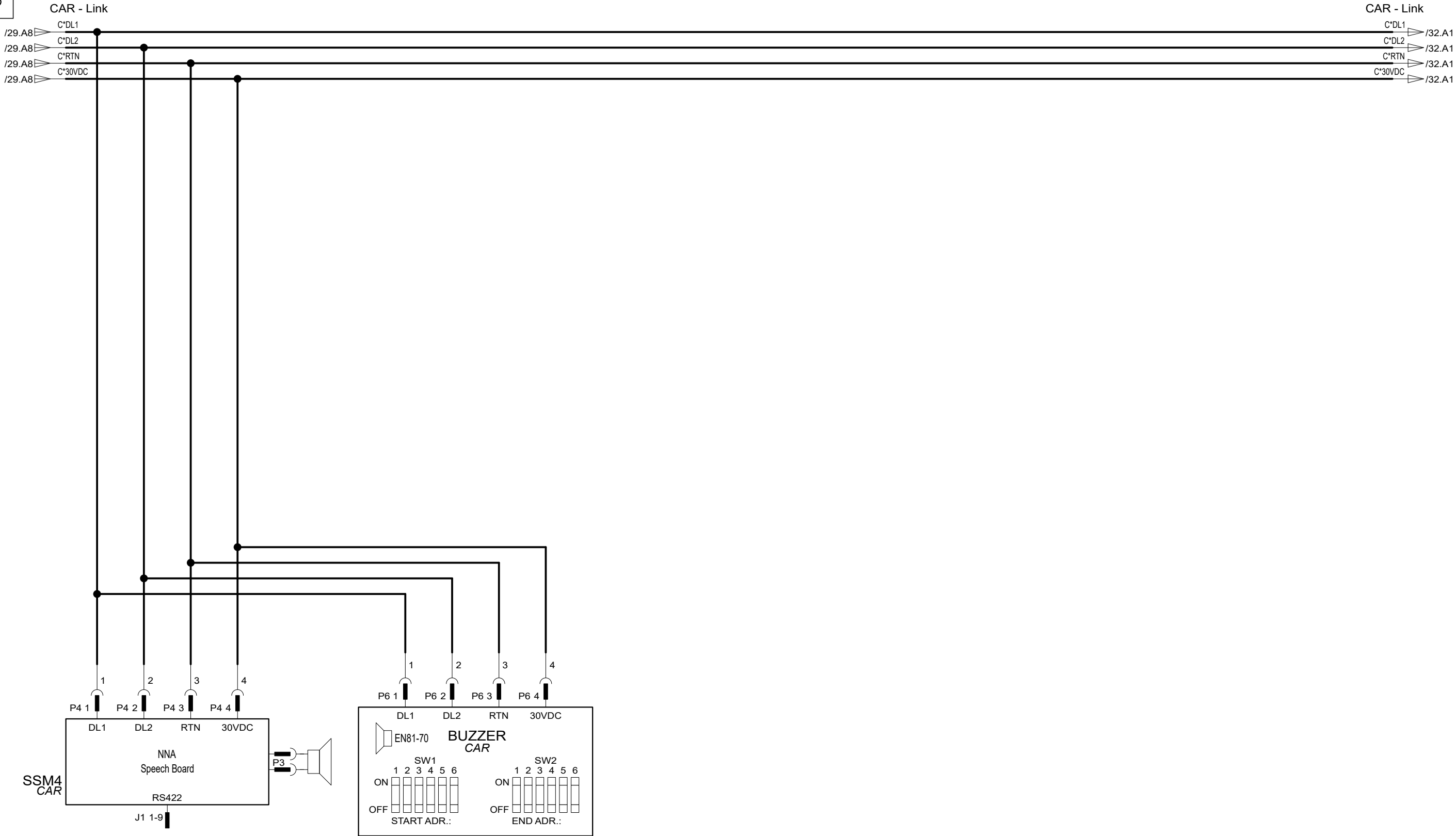
C

D

E

F

A3



CHANGES

2022-08-19 GCS212MMR / CAR

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Cabine bus de données

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

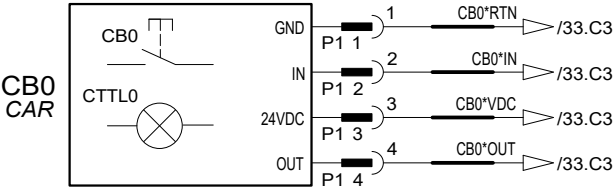
DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	147	Masterversion V2	SHEET 30

ALL DIMENSIONS METRIC

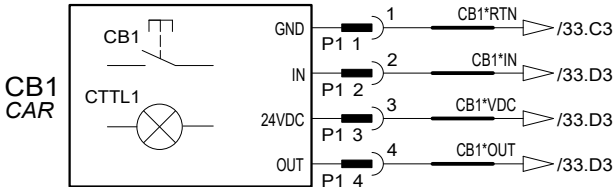
DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A3

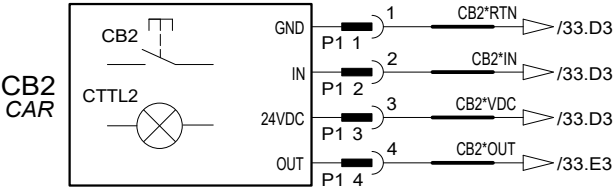
A



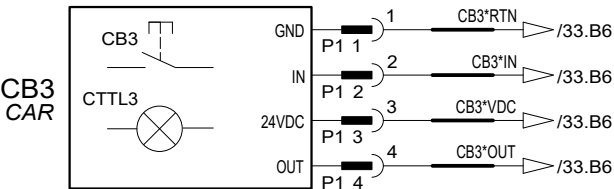
B



C



D



E

F

CHANGES		TRANSFER		<div>THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.</div> <div>UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.</div> <div>OTIS</div>		<div>WARNING</div> <div>THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.</div> <div>UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.</div>		<div>CONTROLEUR DU MICROPROCESSEUR</div> <div>SCHEMA ELECTRIQUE</div> <div>GCS 212 MMR</div> <div>45SFOH57-PT11</div> <div>Cabine bus de données</div>		<div>DWG 45SFOH57-GBA21310JE_G</div> <div>OTIS ENGINEERING BERLIN</div> <div><div><div>DRAWN C.Zingler 2020-05-05</div><div>CHK J.v.Wedelst. 2020-05-05</div><div>APPD A.Jähn 2020-05-05</div><div>Masterpage 148 Masterversion V2</div></div><div><div>ORIGINAL DATE</div><div>2020-05-05</div><div>73 SHEETS</div><div>SHEET 31</div></div></div>	
2022-08-19 GCS212MMR / CAR						AUTH		Location			

FORM PA1104 Rev.2019-08-01

A

B

C

D

E

F

A

B

C

D

E

F

A3

CAR - Link

/30.A8▷ C*DL1
/30.A8▷ C*DL2
/30.A8▷ C*RTN
/30.A8▷ C*30VDC

CAR - Link

C*DL1▷ /33.A1
C*DL2▷ /33.A1
C*RTN▷ /33.A1
C*30VDC▷ /33.A1

Adresse: 8

DCB
CAR

ISS
CAR

RS*C23
CAR

Typ: RS14					
Adresse: 8					
Link: CAR					
	1	2	3	4	5
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

/61.A5

CHANGES

2022-08-19 GCS212MMR / CAR

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Cabine bus de données

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	151	Masterversion V2	SHEET 32

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

C

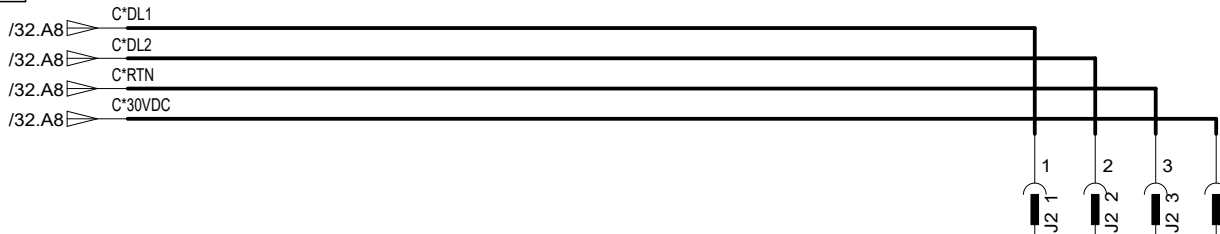
D

E

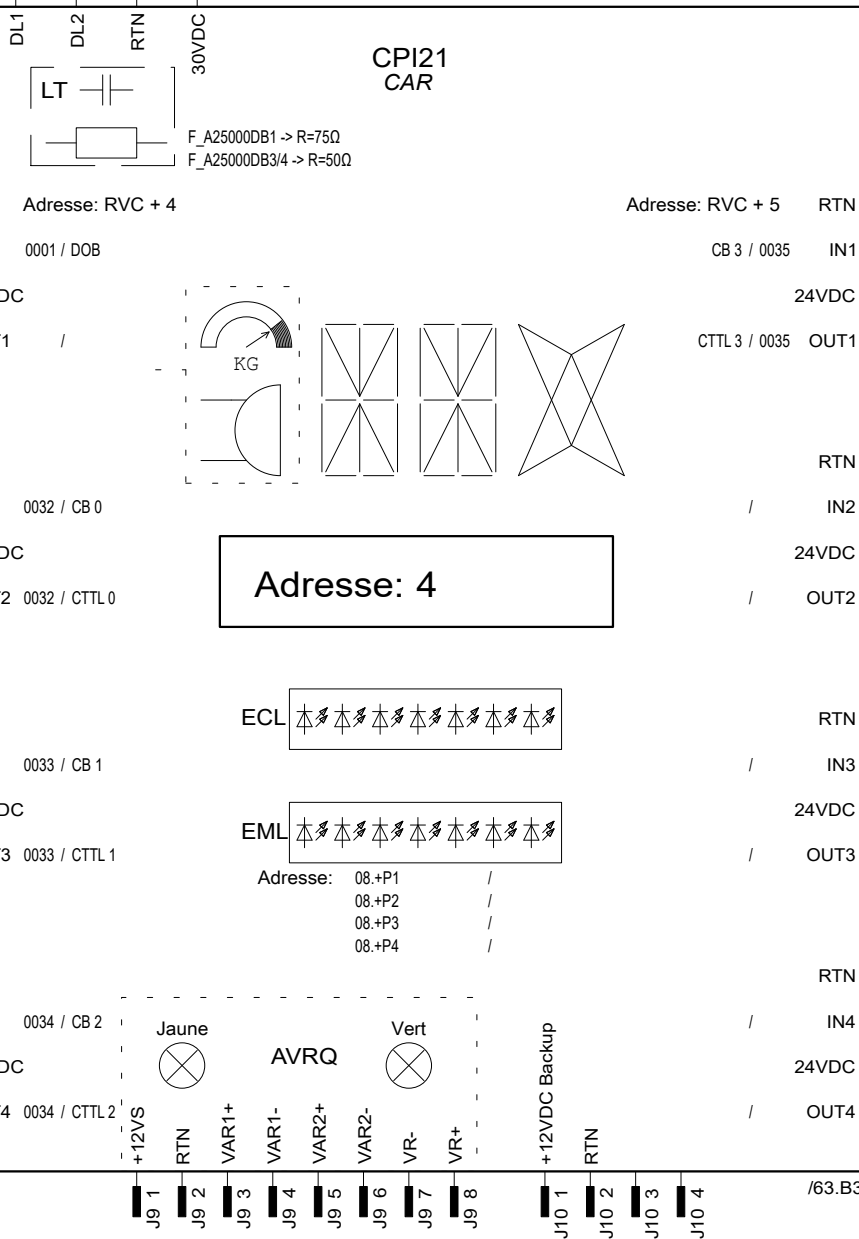
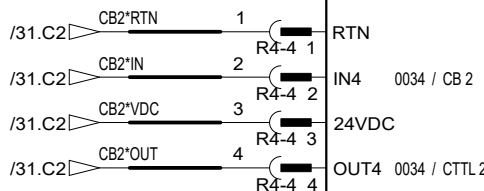
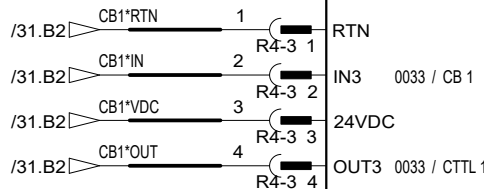
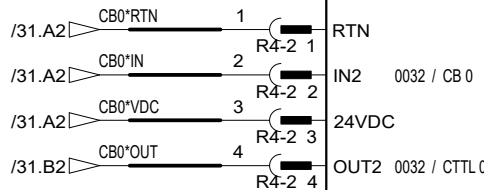
F

A3

CAR - Link



DOB
CAR



CHANGES

2022-08-19 GCS212MMR / CAR

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE
PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS
DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT
IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS;
THAT NEITHER IT NOR THE INFORMATION IT CONTAINS
WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN
PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS;
AND THAT ON DEMAND IT AND ANY COPIES WILL BE
PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Cabine bus de données

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	159	Masterversion V2	SHEET 33

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

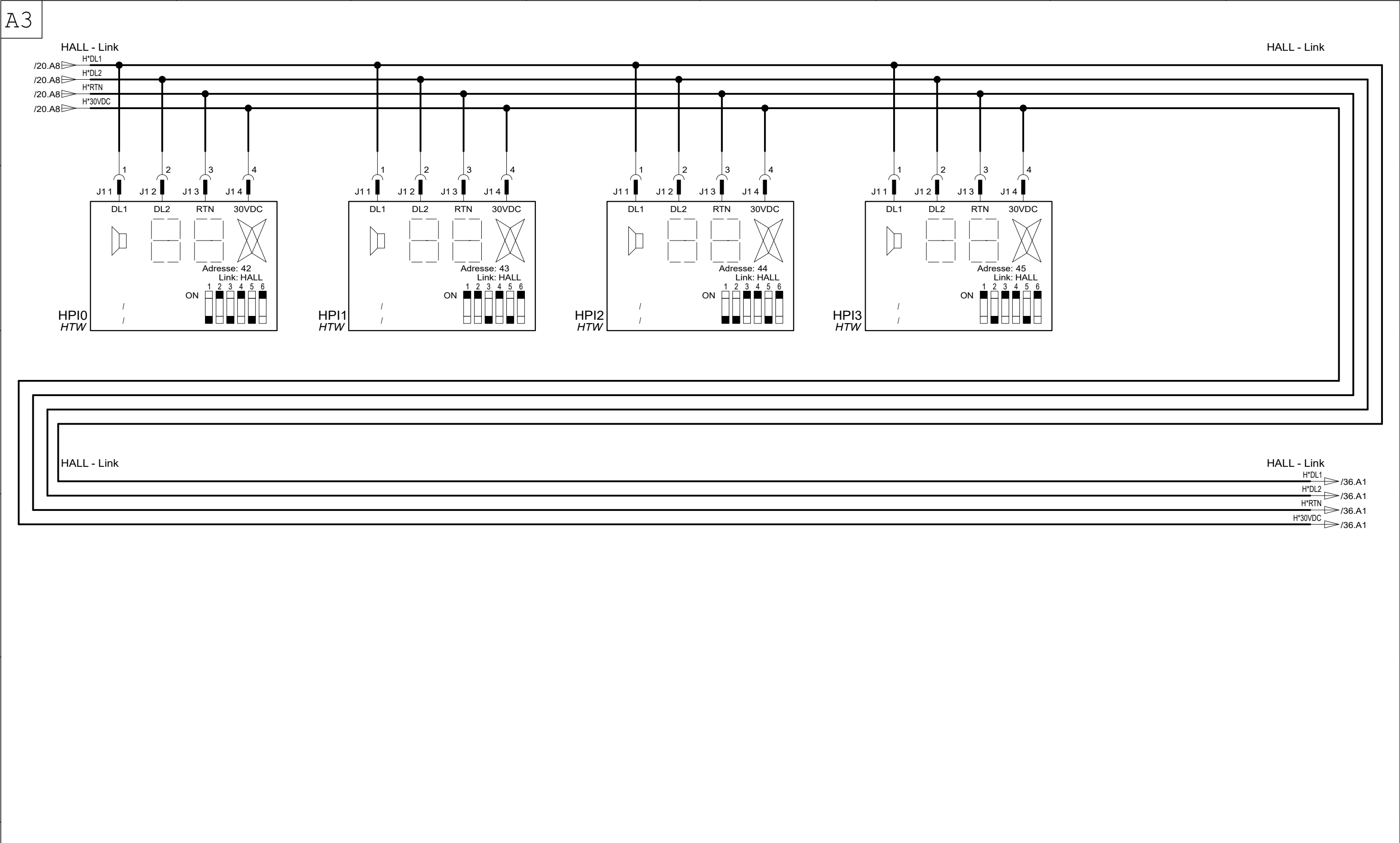
B

C

D

E

F



A

B

C

D

E

F

A

B

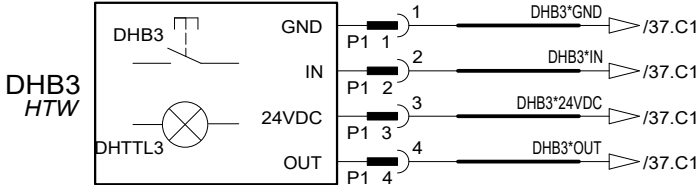
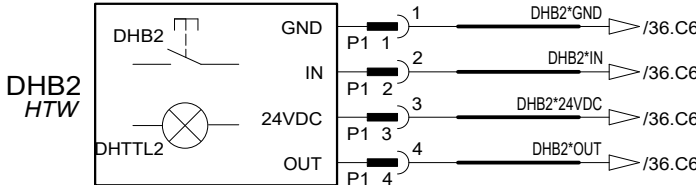
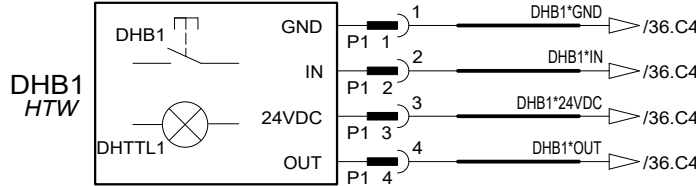
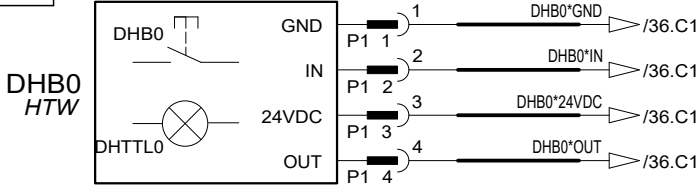
C

D

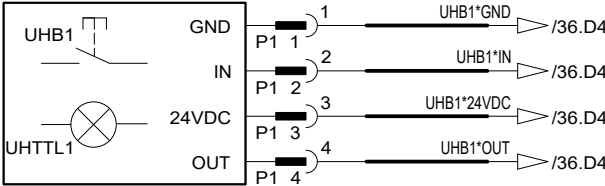
E

F

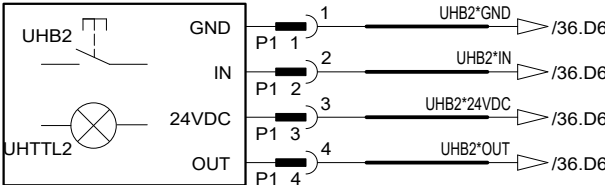
A3



UHB1
HTW



UHB2
HTW



CHANGES

2022-08-19 GCS212MMR / RISER

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Bus de données cage d'ascenseur

DWG **45SFOH57-GBA21310JE_G**

**OTIS ENGINEERING
BERLIN**

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	233	Masterversion	V2
SHEET	35		

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

C

D

E

F

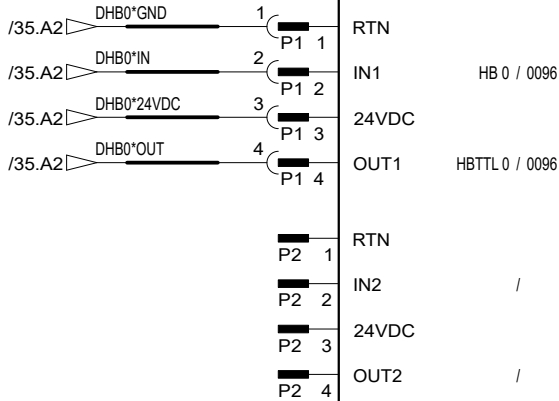
A3

HALL - Link

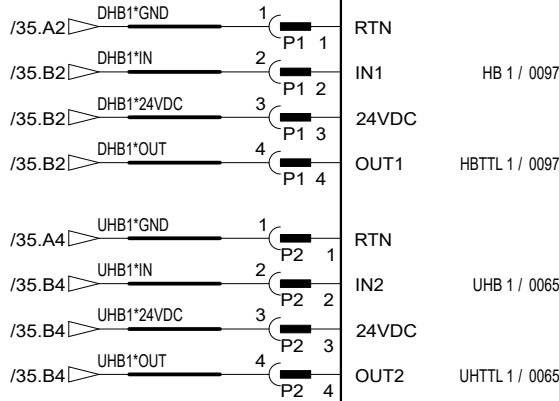
/34.C8 H*DL1
/34.D8 H*DL2
/34.D8 H*RTN
/34.D8 H*30VDC

HALL - Link

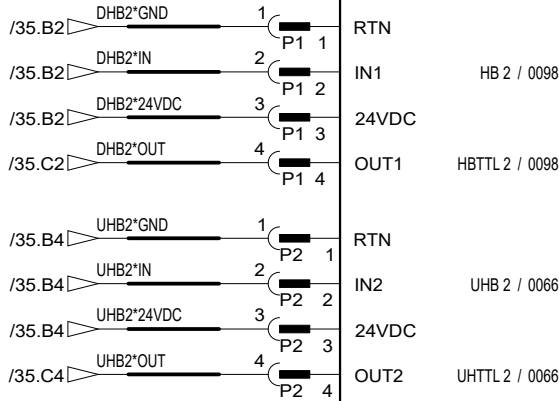
/37.A1 H*DL1
/37.A1 H*DL2
/37.A1 H*RTN
/37.A1 H*30VDC



/64.A1



/64.A2



/64.A3

CHANGES

2022-08-19 GCS212MMR / RISER

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Bus de données cage d'ascenseur

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	235	Masterversion V2	SHEET 36

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

ALL DIMENSIONS METRIC

A

B

C

D

E

F

A

B

C

D

E

F

A3

HALL - Link

/36.A8 H*DL1
/36.A8 H*DL2
/36.A8 H*RTN
/36.A8 H*30VDC

HALL - Link

H*DL1 /38.A1
H*DL2 /38.A1
H*RTN /38.A1
H*30VDC /38.A1

1
P6 1
DL1

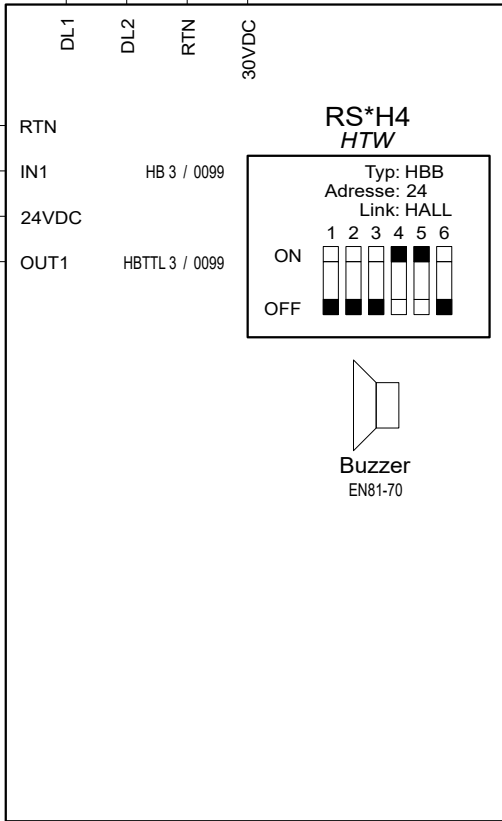
2
P6 2
DL2

3
P6 3
RTN

4
P6 4
30VDC

/35.C2 DHB3*GND 1
/35.C2 DHB3*IN 2
/35.C2 DHB3*24VDC 3
/35.C2 DHB3*OUT 4

P1 1
P1 2
P1 3
P1 4



/64.A4

CHANGES

2022-08-19 GCS212MMR / RISER

TRANSFER

WARNING

THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.

UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Bus de données cage d'ascenseur

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	236	Masterversion V2	SHEET 37

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

ALL DIMENSIONS METRIC

A

B

C

D

E

F

A

B

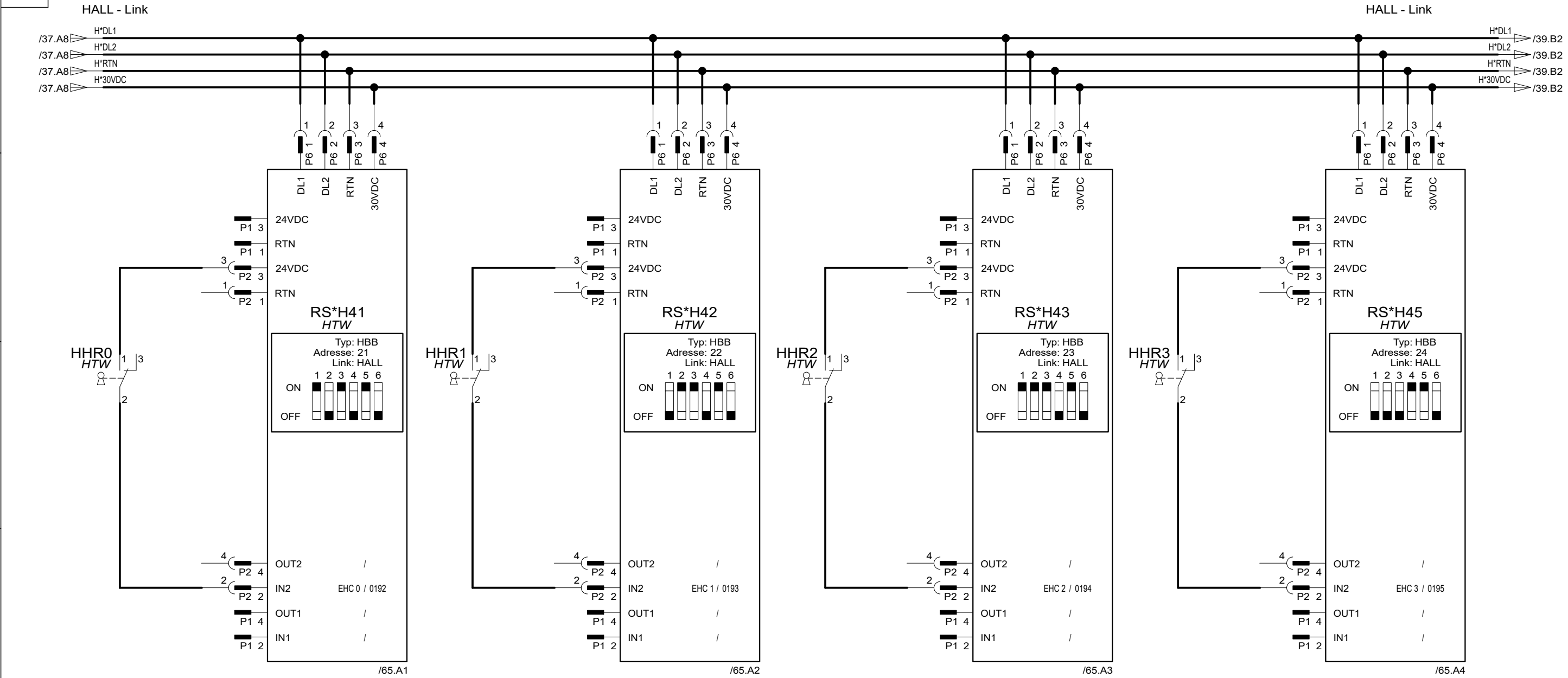
C

D

E

F

A3



CHANGES

2022-08-19 GCS212MMR / RISER

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Bus de données cage d'ascenseur

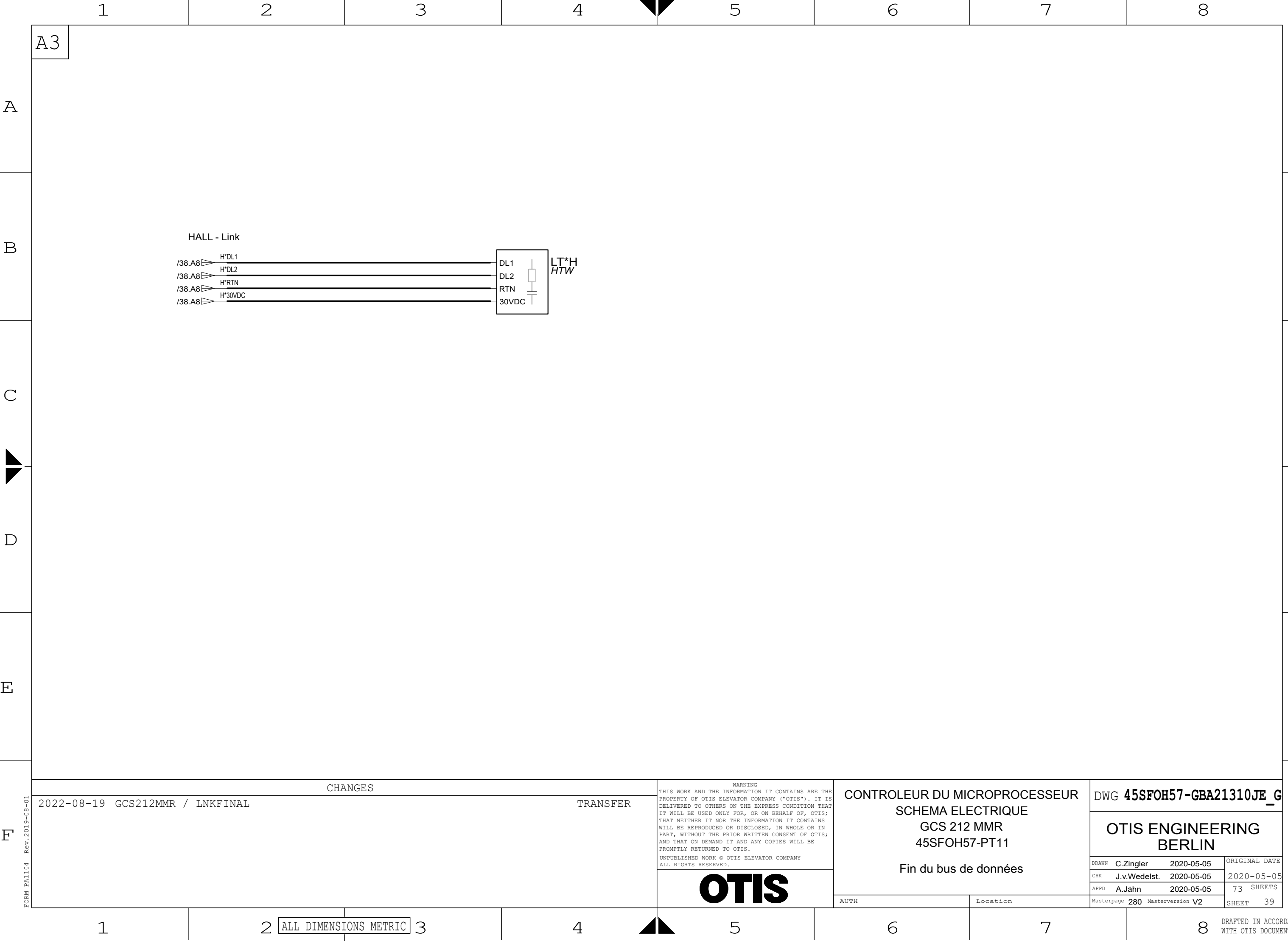
DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

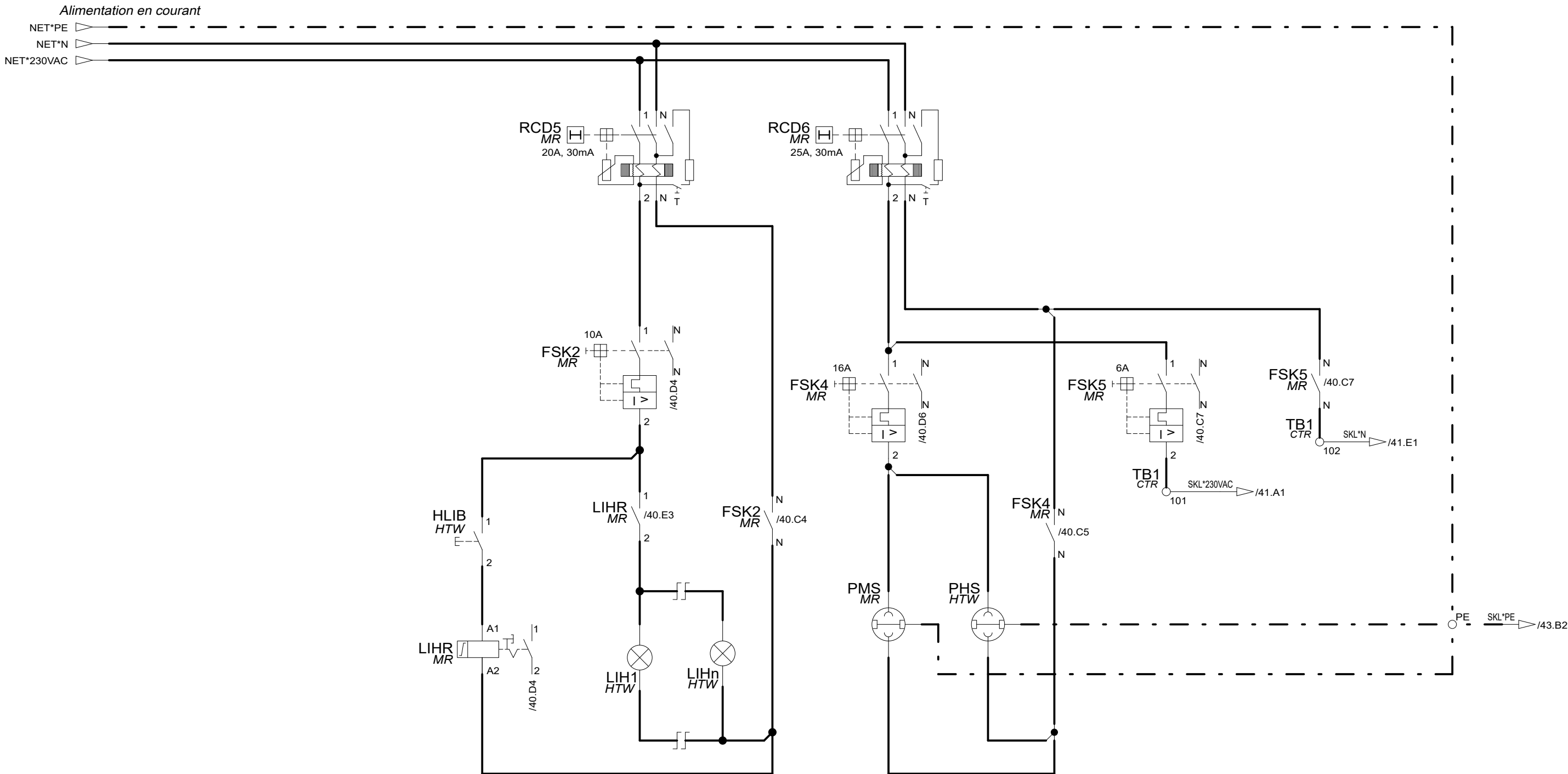
DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	242	Masterversion V2	SHEET 38

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

ALL DIMENSIONS METRIC



A3



CHANGES

2022-08-19 GCS212MMR / HTWLICAR

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11
Eclairage cabine/gaine

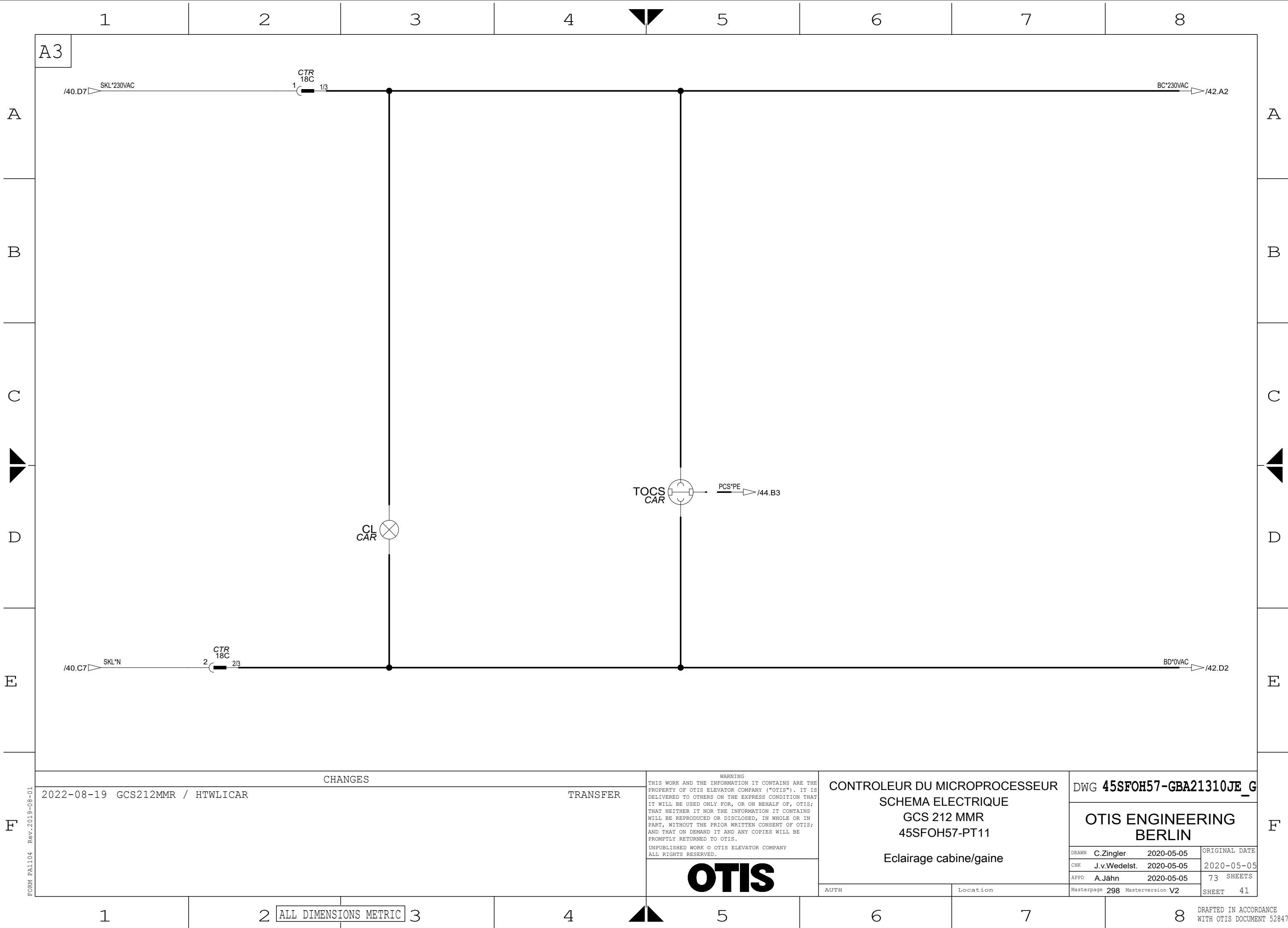
DWG 45SFOH57-GBA21310JE_G

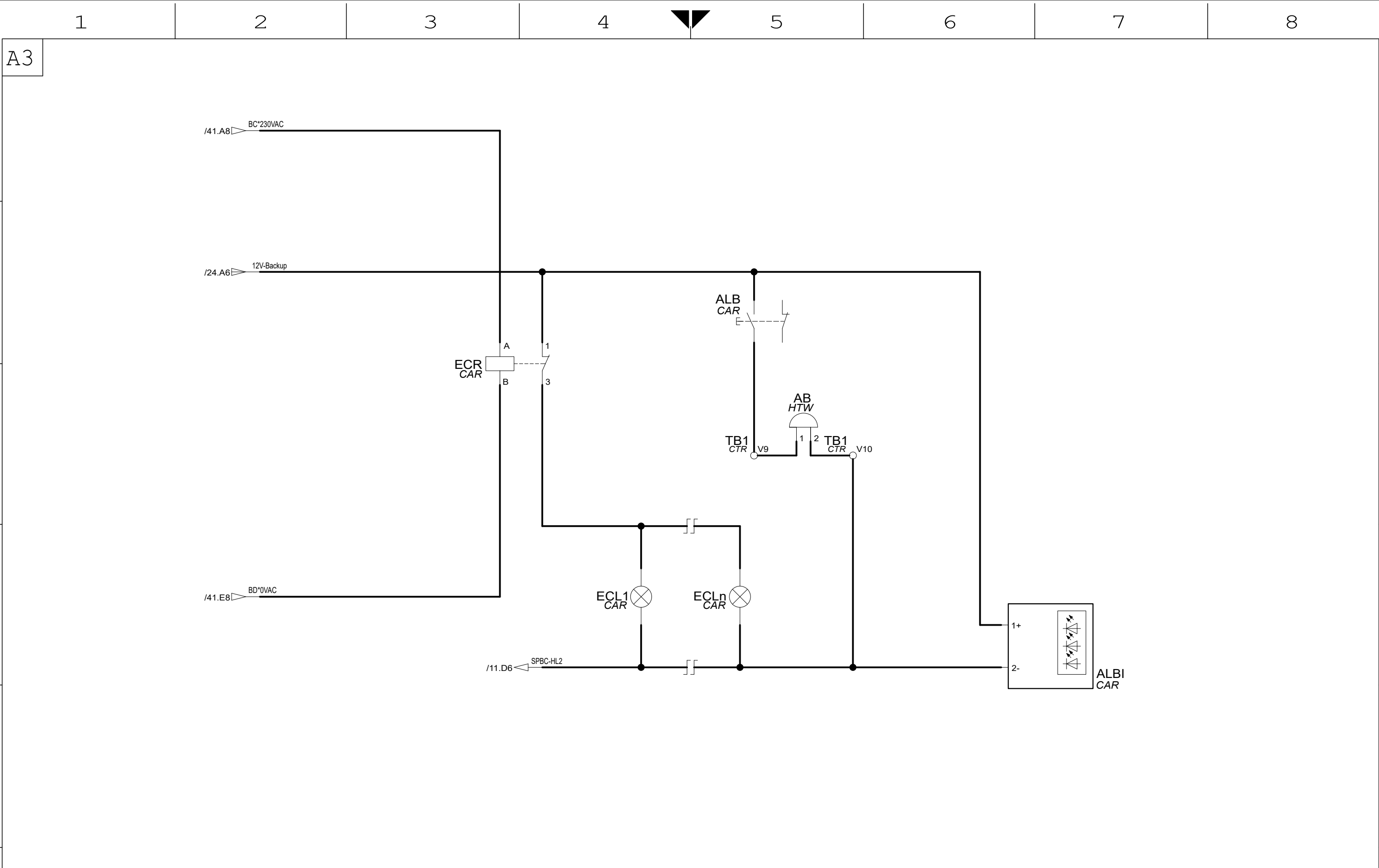
OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	297	Masterversion	V2
SHEET	40		

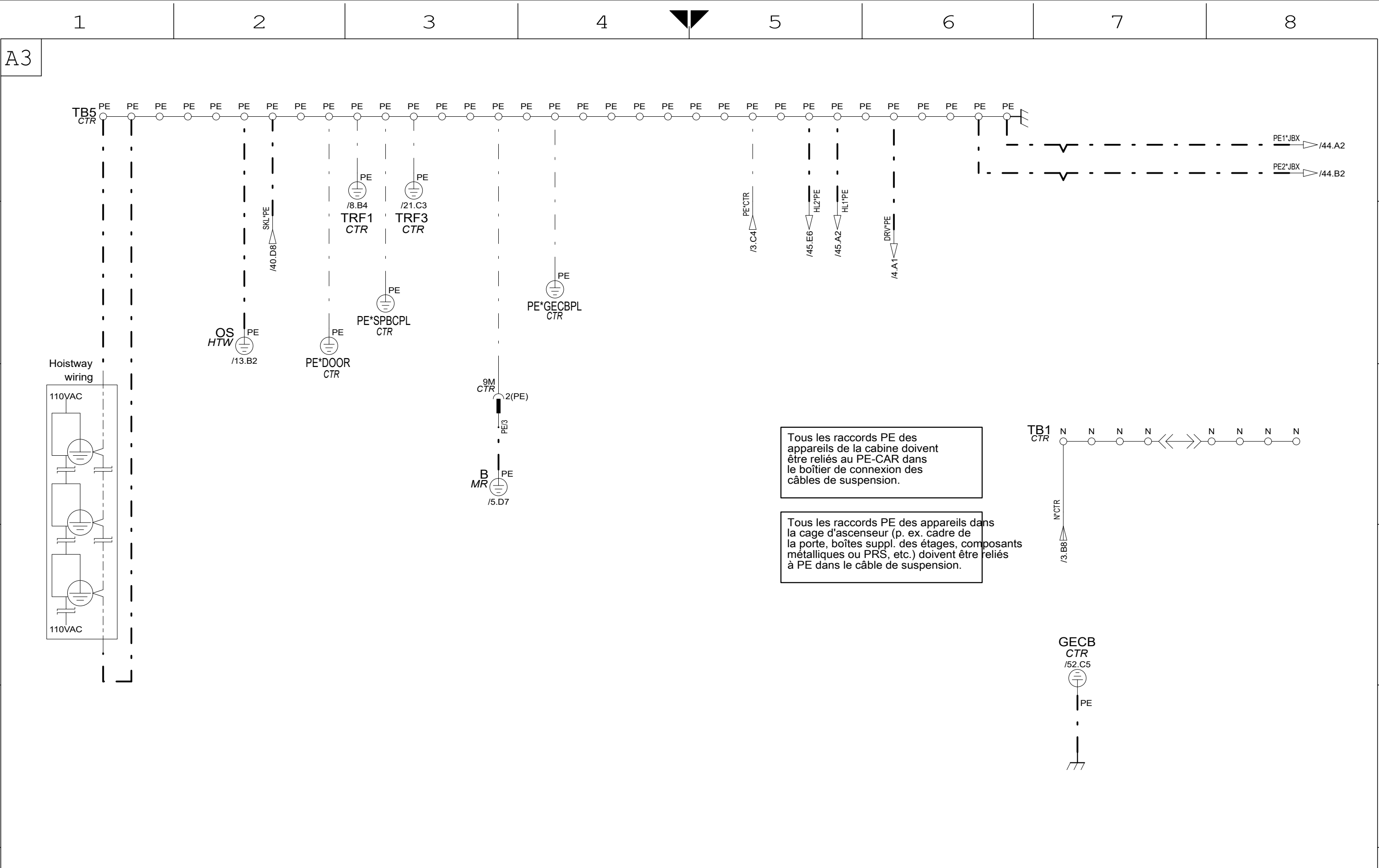
ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

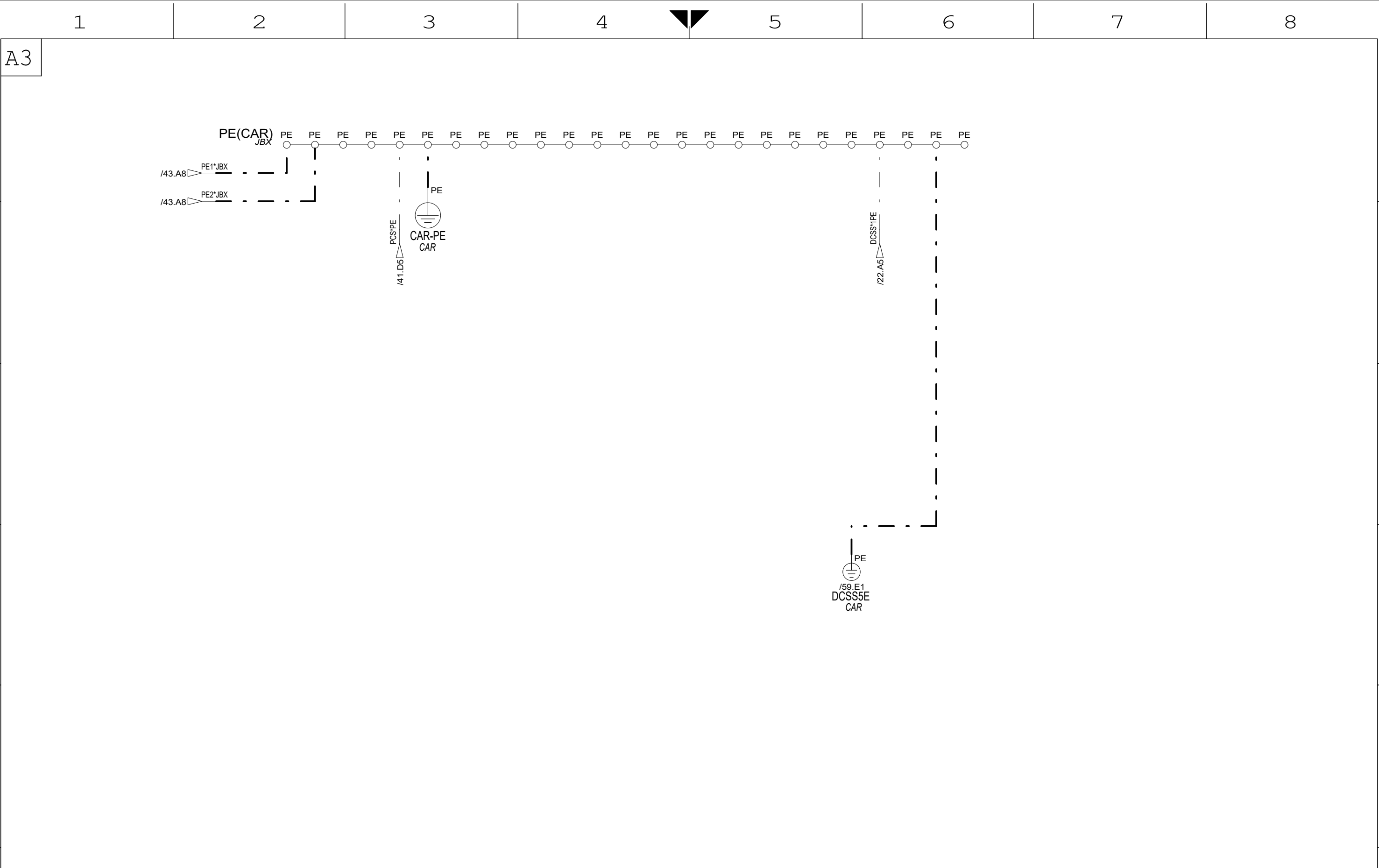




CHANGES				TRANSFER			
2022-08-19 GCS212MMR / HTWLICAR				THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS. UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.			
				OTIS			
				CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11 Eclairage cabine/gaine			
				DWG 45SFOH57-GBA21310JE_G OTIS ENGINEERING BERLIN			
				DRAWN C.Zingler 2020-05-05 ORIGINAL DATE CHK J.v.Wedelst. 2020-05-05 2020-05-05 APPD A.Jähn 2020-05-05 73 SHEETS			
				Masterpage 300 Masterversion V2 SHEET 42			



CHANGES				TRANSFER		<div><div>THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.</div><div>UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.</div><div>OTIS</div></div>		CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11				DWG 45SFOH57-GBA21310JE_G			
2022-08-19 GCS212MMR / EARTH								OTIS ENGINEERING BERLIN							
								DRAWN C.Zingler 2020-05-05		ORIGINAL DATE					
								CHK J.v.Wedelst. 2020-05-05				2020-05-05			
						APPD A.Jähn 2020-05-05		73 SHEETS							
						Masterpage 307 Masterversion V2		SHEET 43							



CHANGES		TRANSFER		<div><div>THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.</div><div>UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.</div><div>OTIS</div></div>		<div>WARNING</div> <div>CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11</div> <div>Mise à la terre et potentiel HL1, HL2</div>		<div>DWG 45SFOH57-GBA21310JE_G</div> <div>OTIS ENGINEERING BERLIN</div> <table><tr><td>DRAWN</td><td>C.Zingler</td><td>2020-05-05</td><td>ORIGINAL DATE</td></tr><tr><td>CHK</td><td>J.v.Wedelst.</td><td>2020-05-05</td><td>2020-05-05</td></tr><tr><td>APPD</td><td>A.Jähn</td><td>2020-05-05</td><td>73 SHEETS</td></tr><tr><td colspan="3">Masterpage 308 Masterversion V2</td><td>SHEET 44</td></tr></table>		DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE	CHK	J.v.Wedelst.	2020-05-05	2020-05-05	APPD	A.Jähn	2020-05-05	73 SHEETS	Masterpage 308 Masterversion V2			SHEET 44
DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE																						
CHK	J.v.Wedelst.	2020-05-05	2020-05-05																						
APPD	A.Jähn	2020-05-05	73 SHEETS																						
Masterpage 308 Masterversion V2			SHEET 44																						
2022-08-19 GCS212MMR / EARTH				AUTH		Location																			

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

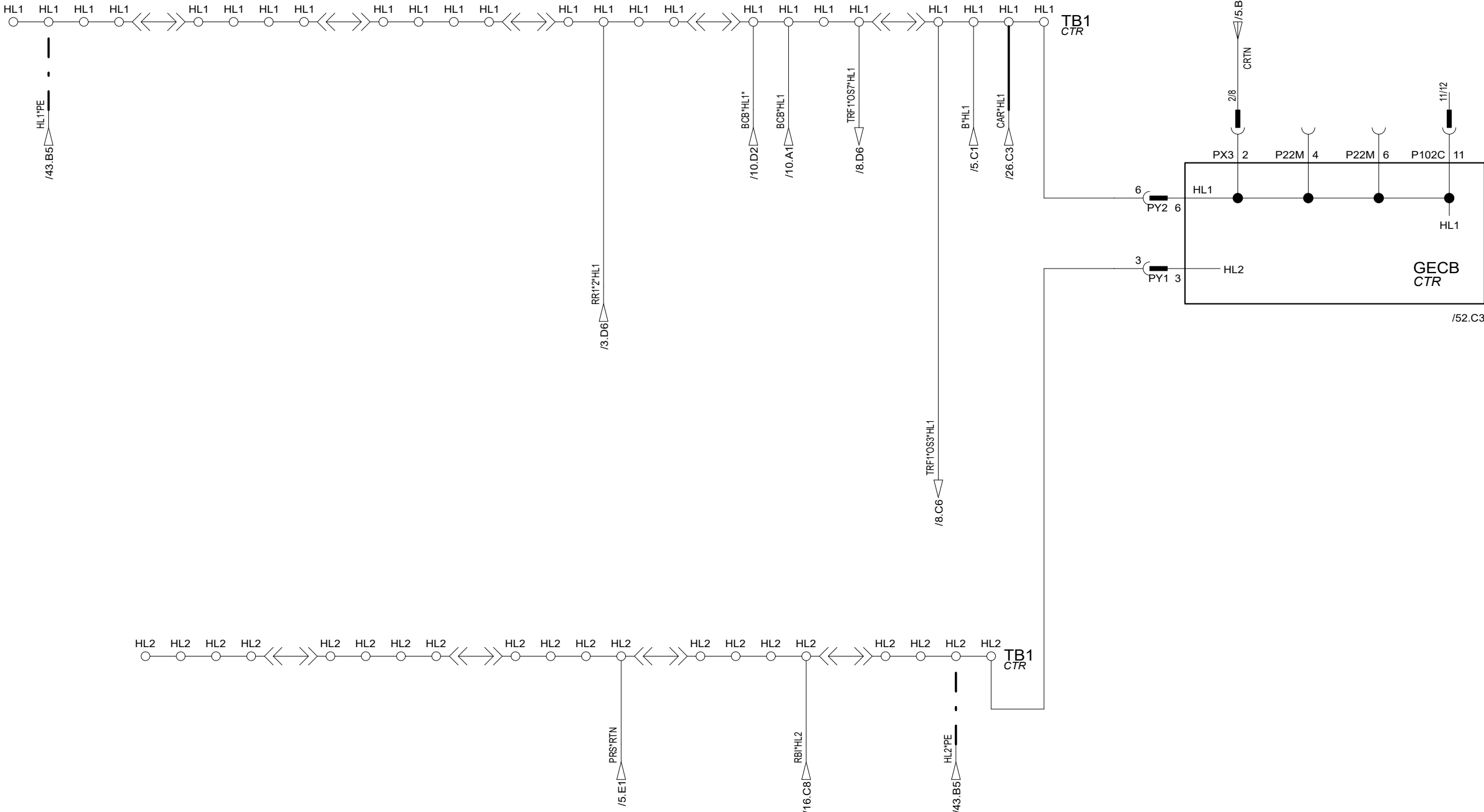
C

D

E

F

A3



CHANGES

2022-08-19 GCS212MMR / EARTH

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.



CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Mise à la terre et potentiel HL1, HL2

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	309	Masterversion V2	SHEET 45

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A3

Liste des appareils

1GTC	HTW	/13.B7	Contact cab. limit.
1PES	HTW	/13.C7	1er bouton d'arrêt d'urgence dans la cuvette d'ascenseur
1RS	CAR	/14.D7	Interrupteur d'inspection
6LS	CAR	/15.D2	Interrupteur limite de direction montée
AB	HTW	/42.C5	Sonnerie d'alarme
ALB	CAR	/42.B5	Bouton-poussoir d'alarme
ALBI	CAR	/42.E6	Bouton-poussoir d'alarme éclairé
APD	CTR	/4.A1	Filtre antiparasite
B	MR	/5.D7	Frein
BAT1	CTR	/10.B1	Batterie 1
BAT2	CTR	/10.B1	Batterie 2
BAT3	CTR	/10.B1	Batterie 3
BAT4	CTR	/10.B1	Batterie 4
BCB	CTR	/55.A1	Battery Control Board
BMS	MR	/16.C4	Commutateur du ventilateur de la salle des machines
BRB2	CTR	/10.B7	Commutateur pour la levée du frein
BS1	MR	/6.C6	1er contacteur de frein
BS2	MR	/6.D6	2e contacteur de frein
BTS	HTW	/13.B7	Interrupteur de contrôle du ruban d'acier
BUZZER	CAR	/30.D3	Buzzer
BV	MR	/5.D6	Varistor de frein
CB0	CAR	/31.A2	Bouton-poussoir cabine n° 0
CB1	CAR	/31.B2	Bouton-poussoir cabine n° 1
CB2	CAR	/31.C2	Bouton-poussoir cabine n° 2
CB3	CAR	/31.C2	Bouton-poussoir cabine n° 3
CPI21	CAR	/63.A1	Indicateur de position de la cabine
DBS	CTR	/13.B2	Interrupteur pour le mode de rappel
DCB	CAR	/32.C5	Bouton-poussoir de fermeture de porte
DCSS5E	CAR	/59.A1	Opérateur de porte DCSS5E
DHB0	HTW	/35.A2	Bouton d'appel descente
DHB1	HTW	/35.A2	Bouton d'appel descente
DHB2	HTW	/35.B2	Bouton d'appel descente
DHB3	HTW	/35.C2	Bouton d'appel descente
DOB	CAR	/33.B1	Bouton-poussoir d'ouverture de porte
DS1	HTW	/14.A1	Contact de verrouillage de porte
DSn	HTW	/14.B1	Contact de verrouillage de porte
DTG-4	MR	/7.D5	Tachymètre numérique
ECL1	CAR	/42.D4	Eclairage de secours cabine 1
ECLn	CAR	/42.D5	Eclairage de secours cabine
ECR	CAR	/42.B3	Alimentation de secours de la vanne
EEC	CAR	/12.B3	Contact d'issue de secours
F11L	CTR	/8.C5	Fusible

F2C	CTR	/21.B3	Fusible
F7L	CTR	/9.E5	Fusible
F8L	CTR	/8.A6	Fusible
F9L	WH*BAT	/10.C1	Fusible
FAN1	CTR	/4.E4	Ventilateur
FAN2	CTR	/4.E5	Ventilateur
FER10	CTR	/4.D5	2 Turns
FER11	CTR	/8.B3	Noyau en ferrite comme filtre antiparasite
FER5	CTR	/5.D5	Noyau en ferrite comme filtre antiparasite
FER6	CTR	/7.C3	Noyau en ferrite comme filtre antiparasite
FPC0	HTW	/19.B4	Contact de porte coupe-feu
FPC1	HTW	/19.B4	Contact de porte coupe-feu n° 1
FPC2	HTW	/19.B3	Contact de porte coupe-feu n° 2
FPC3	HTW	/19.B3	Contact de porte coupe-feu n° 3
FSK2	MR	/40.C4	Fusible
FSK4	MR	/40.C5	Fusible
FSK5	MR	/40.C6	Fusible
GECEB	CTR	/52.A1	Carte de circuit imprimé « Global Control System EN-IO »
GS	CAR	/14.E4	Contact de porte cabine
HHR0	HTW	/38.C1	Interrupteur pour les services d'urgence hospitaliers
HHR1	HTW	/38.C3	Interrupteur pour les services d'urgence hospitaliers
HHR2	HTW	/38.C5	Interrupteur pour les services d'urgence hospitaliers
HHR3	HTW	/38.C6	Interrupteur pour les services d'urgence hospitaliers
HLIB	HTW	/40.D3	Bouton-poussoir pour l'éclair. dans la cage
HPI0	HTW	/34.B1	Indicateur de position du palier
HPI1	HTW	/34.B3	Indicateur de position du palier
HPI2	HTW	/34.B4	Indicateur de position du palier
HPI3	HTW	/34.B6	Indicateur de position du palier
ISS	CAR	/32.D5	Interrupteur de trajet spécial
LIH1	HTW	/40.D4	Eclairage de la cage d'ascenseur
LIHn	HTW	/40.D4	Eclairage cage d'ascenseur
LIHR	MR	/40.D3	Télérupteur de l'éclairage de la cage d'ascenseur
LRCU	CAR	/26.C2	Cellule photoélectrique
LT*H	HTW	/39.B3	Terminaison de ligne
LWB	CAR	/25.B7	Carte imprimée pèse-charge
MO	MR	/4.C8	Moteur
nRS	CAR	/14.D7	Interrupteur d'inspection
OCB	MR	/3.B2	Disjoncteur moteur
OS	HTW	/13.B2	Interrupteur de survitesse
PC1	CTR	/8.A8	Condensateur
PE(CAR)	JBX	/44.A2	Bornier
PHS	HTW	/40.D5	Prise dans la cage d'ascenseur

CHANGES

2022-08-19 GCS 212 MMR

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE
PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS
DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT
IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS;
THAT NEITHER IT NOR THE INFORMATION IT CONTAINS
WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN
PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS;
AND THAT ON DEMAND IT AND ANY COPIES WILL BE
PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.



CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Liste du matériel

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2022-08-19
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	Masterversion	V2	SHEET 46

A3

Liste des appareils

PMS	MR	/40.D5	Prise dans la salle des machines
PR1	CTR	/8.B7	Résistance
PRS	CAR	/58.A1	Système de détection de la position
RBI	HTW	/58.A6	Dispositif de contrôle de la résistance
RCD5	MR	/40.B4	Dispositif de courant résiduel
RCD6	MR	/40.B5	Dispositif de courant résiduel
RF2	CTR	/8.A7	Redresseur
RPS	CTR	/10.B2	Interrupteur pour tension de batterie
RR1	CTR	/10.E7	Relais MRO
RR2	CTR	/10.E7	Relais MRO
RS*C1	CTR	/60.A1	Remote Station
RS*C13	CAR	/62.A2	Remote Station
RS*C15	CAR	/62.A4	Remote Station
RS*C17	CAR	/62.A6	Remote Station
RS*C23	CAR	/61.A5	Remote Station
RS*H1	HTW	/64.A1	Remote Station
RS*H2	HTW	/64.A2	Remote Station
RS*H3	HTW	/64.A3	Remote Station
RS*H4	HTW	/64.A4	Remote Station
RS*H41	HTW	/65.A1	Remote Station
RS*H42	HTW	/65.A2	Remote Station
RS*H43	HTW	/65.A3	Remote Station
RS*H45	HTW	/65.A4	Remote Station
RS11*C1	BOX	/54.D5	Remote Station
SMCB	BOX	/20.C3	Bouton de confirmation du message de service
SOS	CAR	/12.B4	Interrupteur de sécurité du parachute
SPBC_III	CTR	/55.A2	Service Panel Board
SSM4	CAR	/30.E1	Module de messagerie vocale
SW1	CTR	/5.C6	1er contacteur principal
T1	CTR	/4.B2	Etrangement réseau
TB5	CTR	/43.A2	Bornier
TCI	CAR	/15.B3	Interrupteur d'inspection sur le toit-cabine
TCIB	CAR	/15.B2	Bouton-poussoir de contrôle d'inspection
TDOS	CAR	/27.C2	Interr. d'inspection de porte
TES	CAR	/12.A4	Bouton d'arrêt d'urgence sur le toit-cabine
TH1	CTR	/10.B2	Thermistor
THB	MR	/4.D8	Thermorupteur
TIB	CAR	/15.B2	Boutons-poussoirs de direction de l'inspection
TOCS	CAR	/41.D5	Prise de la cabine
TRF1	CTR	/8.B4	Transformateur
TRF3	CTR	/21.B3	Transformateur
UDCB	CTR	/56.A1	Ultra Drive Control Board

UDLS	CAR	/12.D4	Fin de course montée/descente
UDS	CTR	/15.D5	Interrupteur de direction montée/descente
UHB1	HTW	/35.A3	Bouton d'appel externe montée
UHB2	HTW	/35.B3	Bouton d'appel externe montée

A3

Liste des bornes, triés par emplacement

A

B

C

D

E

F

A

B

C

D

E

F

CTR			CTR		
TB3	1	/3.A5	TB1	HL1	/45.A6
TB3	2	/3.A6	TB1	HL1	/45.A5
TB3	3	/3.A6	TB1	HL1	/45.A4
TB3	4	/3.A6	TB1	HL1	/45.A3
TB3	5	/3.A6	TB1	HL1	/45.A2
TB3	6	/3.A7	TB1	HL1	/45.A1
TB3	N	/3.B4	TB1	HL2	/45.D6
TB3	N	/3.B5	TB1	HL2	/45.D5
TB3	PE	/3.B4	TB1	HL2	/45.D4
TB3	PE	/3.B3	TB1	HL2	/45.D3
			TB1	HL2	/45.D2
			TB1	N	/43.C7
			TB1	N	/43.C8
CTR			TB1	101	/40.D6
TB2	2U	/4.A8	TB1	102	/40.C7
TB2	2V	/4.A8	TB1	V9	/42.C5
TB2	2W	/4.A8	TB1	V10	/42.C5
TB2	2W	/4.B8	TB1	13	/17.A2
TB2	PE	/4.A8	TB1	14	/17.A3
			TB1	15	/17.A4
CTR			TB1	17	/6.A4
TB8	DC+	/4.D3	TB1	18	
TB8	DC-	/4.D3	TB1	19	/10.D8
			TB1	20	/10.E8
CTR			TB1	24	
DRV	T1-1	/4.B2	TB1	V40	
DRV	T1-2	/4.B2	TB1	V41	
DRV	T1-3	/4.B2	TB1	V42	
DRV	APD-U	/4.B2	TB1	V43	
DRV	APD-V	/4.B1	TB1	V44	/16.C4
DRV	APD-W	/4.B1	TB1	V45	/16.D4
			TB1	V46	/26.A1
			TB1	50	/18.B4
			TB1	51	/18.B4
			TB1		
			TB1		
			TB1		
			TB1		
			TB1		

12345678

A3

Connecteur Liste de l'emplacement BOX

1H.
BOX

1	/20.A6
2	/20.A6
3	
4	/20.A6
5	/20.A6

CHANGES

2022-08-19GCS 212 MMR

TRANSFER

WARNING

THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.

UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Liste des connecteurs et des bornes

AUTH

Location

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2022-08-19
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	Masterversion	V2	SHEET 49

12345678

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

FORM PA1104 Rev.2019-08-01

A3

Connecteur Liste de l'emplacement CAR

3C
CAR

1	/21.D1
2	/21.D2
3	
4	
5	

A3

Connecteur Liste de l'emplacement CTR

1	/19.B4
2	/19.B4
3	/19.B4
4	/19.B3
5	/19.B3
6	
7	
8	

1	/41.A2
2	/41.E2
3	

1	/20.A2
2	/20.A2
3	
4	/20.A2
5	/20.A2

1	/21.D1
2	/21.D2
3	
4	
5	

1	/25.C6
2	/25.C6
PE	
4	/25.B6
5	/25.B6

1	/4.D7
2	
3	/4.D7

1	/5.D5
PE	/43.C3
3	/5.D5

1	/6.C6
2	/6.C6
3	/6.C6
4	/6.D6
5	/6.D6
6	/6.D6

1	/16.C8
2	/16.C8

A3

Connecteur GECB

GECB/PX1
CTR

1	/23.E2
2	/23.E4
3	
4	
5	/11.C1
6	/11.C2
7	/11.C2
8	/11.C2
9	/17.B5
10	/17.B3
11	
12	

GECB/PX3
CTR

1	/15.A7
2	/45.B7
3	/15.A7
4	/15.A7
5	
6	/16.A3
7	/16.B3
8	

GECB/PX4
CTR

1	
2	/16.B1
3	/16.B1

GECB/PX5
CTR

1	/11.B6
2	/11.B6
3	/11.B6
4	/11.B6
5	/11.B7
6	/11.B7
7	/11.B7
8	/11.B7

GECB/PY1
CTR

1	/9.A6
2	/9.A6
3	/45.B7
4	/9.A6
5	/9.A6

GECB/PY2
CTR

1	/9.B6
2	/9.B6
3	/9.B6
4	/9.C6
5	/9.C6
6	/45.B7
7	/9.C8
8	

GECB/P17C
CAR

1	/11.B7
2	
3	/11.B7

GECB/P101C
CTR

1	/18.D6
2	/18.E6
3	/18.E6
4	/18.E6
5	/23.D2
6	/23.D4
7	/23.D5
8	/23.D6
9	/25.C5
10	/25.C6
11	
12	

GECB/P102C
CAR

1	/12.B1
2	/12.C5
3	/12.B7
4	/14.C5
5	/14.C6
6	/15.E2
7	
8	/15.E3
9	
10	
11	/45.B8
12	/12.D6

GECB/P3M
MR

1	/12.E5
2	
3	/13.D2

GECB/P4M
CTR

1	/12.C7
2	/13.D2
3	/13.D3
4	/15.E4
5	/15.E5
6	/15.B7
7	/15.B6
8	

GECB/P19M
CTR

1	/16.C3
2	/16.C3
3	
4	/12.B2
5	/12.A2

GECB/P20M
MR

1	/16.B3
2	/16.B3
3	

4T1
CTR

1	
2	/12.D6
3	

GECB/P1H
CTR

1	/18.A2
2	/18.A2
3	
4	/18.B2
5	/18.B2

GECB/P2H
HTW

1	/14.C4
2	/13.E2
3	/14.B4
4	/14.A4
5	/13.E2

A3

A

B

C

D

E

F

A

B

C

D

E

F

RS11*C1
BOX

Carte de circuit imprimé : RS11		
Link : CAR		Adresse : 62
Raccord	Signal	Position
P1	1	RTN /20.C4
	2	IN1 /20.C4
	3	24VDC /20.C4
	4	OUT1 /20.C4
P2	1	DL1 /20.B4
	2	DL2 /20.B4
	3	RTN /20.B5
	4	30VDC /20.B5

CHANGES			
2022-08-19	GCS212MMR / TABLES	TRANSFER	
2022-08-19 GCS212MMR / TABLES		THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS. UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.	



CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Tableaux et explications

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage 314 Masterversion V2			SHEET 54

A

B

C

D

E

F

A

B

C

D

E

F

A3

BCB
CTR

Carte de circuit imprimé			
Raccord		Signal	Position
P1	1	BAT+	/10.B2
	2	BAT-	/10.B2
	3	BAT-	/10.B2
	4	NTC	/10.C2
	5	HL1	/10.C2
P2	1	AC_IN1	/10.A2
	2	AC_IN2	/10.A2
	3	HL1	/10.A2
P3	1	RESC_110V	/10.A4
	2	BAT+	/10.A4
	3	BAT+	/10.A4
	4	HL1	/10.A4
	5	EN_CONV	/10.B4
	6	ARO	/10.B4
P4	1	L1_L2_FAIL	/10.B4
	2	L3_FAIL	/10.B4
	3	UPS_24V	/10.B4
	4	HL2	/10.C4
	5	BAT_CHARGE	/10.C4
	6	BAT_MAINT	/10.C4
	7	BAT_FAULT	/10.C4
	8	BAT_REPLACE	/10.C4
	9	FULL_CHARG	/10.C4
	10	RESCUE_24V	/10.D4

BCB/P1
WH*BAT

1	/10.B2
2	/10.B2
3	/10.B2
4	/10.C2
5	/10.C2

BCB/P2
CTR

1	/10.A2
2	/10.A2
3	/10.A2

BCB/P3
CTR

1	/10.A4
2	/10.A4
3	/10.A4
4	/10.B4
5	/10.B4
6	/10.B4

BCB/P4
CTR

1	/10.B4
2	/10.B4
3	/10.B4
4	/10.C4
5	/10.C4
6	/10.C4
7	/10.C4
8	/10.C4
9	/10.C4
10	/10.D4

SPBC_III
CTR

Carte de circuit imprimé					
Raccord		Signal	Position	Raccord	Signal
P1	1	BRB2_OUT	/10.B6	P11	1
	2	BAT+	/10.B6		2
	3	UPS_24V	/10.C6		3
	4	BRB2_ST	/10.C6	P12	1
P2	1	NC	/11.D7		2
	2	HL2	/11.C6		3
	3	SPB+	/11.C6	P13	1
	4	CAN_H	/11.C6		2
	5	CAN_L	/11.C7		3
	6	UPS_12V	/11.C7		4
	7	DZI+	/11.C7		5
	8	REB	/11.C7		6
P3	1	UPS_12V	/11.D7	P14	1
	2	HL2	/11.D6		2
P5	1	PTT_A			3
	2	PTT_B			4
P6	1	NC			5
	2	NC			6
	3	PTT_A			7
	4	PTT_B			8
	5	NC			9
	6	NC			10
P7	1	12V	/11.B1	P15	1
	2	GND	/11.A1		2
	3	SHIELD	/11.A1		3
	4	SIG_A	/11.B1		4
	5	SIB_B	/11.B1		5
P8	1-9	SVT	/11.A5		6
P9		PE			7
					8
P10	1	LED-			9
	2	REM			
	3	REM			
	4				
	5	NC			

SPBC_III/P1
CTR

1	/10.B6
2	/10.C6
3	/10.C6
4	/10.C6

SPBC_III/P3
CTR

1	/11.D7
2	/11.D6

SPBC_III/P11
CTR

1	/10.B6
2	/10.B6

SPBC_III/P13
CTR

1	/10.A5
2	/10.A5
3	/10.A5
4	/10.A5
5	/10.B5
6	/10.B5

SPBC_III/P15
CTR

1	/10.D7
2	/10.D7
3	/10.D7
4	/10.D7
5	/10.D8
6	/10.D8
7	/10.D8
8	/10.D8
9	/10.D8

SPBC_III/P2
CTR

1	/11.C6
2	/11.C6
3	/11.C6
4	/11.C6
5	/11.C7
6	/11.C7
7	/11.C7
8	/11.C7

SPBC_III/P7
CTR

1	/11.A1
2	/11.A1
3	/11.B1
4	/11.B1
5	/11.B1

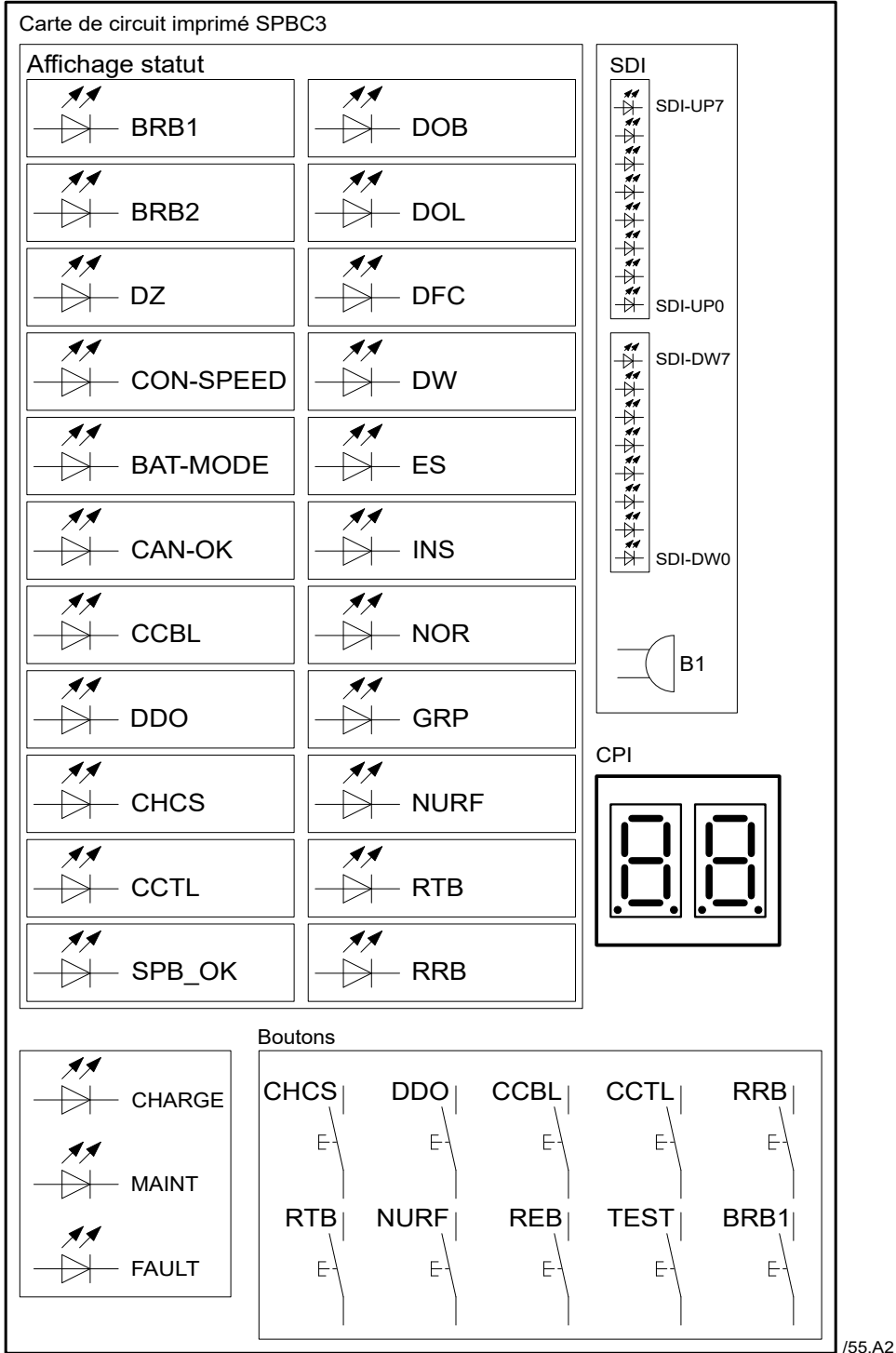
SPBC_III/P12
CTR

1	/10.A6
2	/10.A6
3	/10.A6

SPBC_III/P14
CTR

1	/10.B5
2	/10.B5
3	/10.B5
4	/10.C5
5	/10.C5
6	/10.C5
7	/10.C5
8	/10.C5
9	/10.C5
10	/10.D5

SPBC_III
CTR



CHANGES

2022-08-19 GCS212MMR / TABLES

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Tableaux et explications

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	318	Masterversion V2	SHEET 55

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

C

D

E

F

A3

UDCB
CTR

Carte de circuit imprimé		
Raccord	Signal	Position
P1	1 R_PH_SENS	/4.C4
	2 S_PH_SENS	/4.C4
	3 T_PH_SENS	/4.C4
P3	1-10 OMU	
P4	1-20 JTAG (DSP/FPGA)	
P5	1 BS1	/5.D4
	2 BS2	/5.D4
	3	/5.E4
	4 BCNT	/5.E4
	5 n.c.	/5.E4
	6 24V_I/O	/5.E4
	7 DGND	/5.E4
P6	1 MA_MODE	/5.D2
	2 SPR_GPI2	/5.D2
	3 SPR_GPI1	/5.D2
	4 SPR_GPI3	/5.D2
	5 MOT_THERM	/5.D2
	6 n.c.	/5.D2
	7 24V_I/O	/5.E2
	8 DGND	/5.E2
	9 24V_I/O	/5.E2
P8	1 CAN_24V	/4.A4
	2 CAN_H	/4.A4
	3 CAN_L	/4.A4
	4 CAN_RTN	/4.B4
P9	1 ENC_A+	/7.E1
	2 ENC_A-	/7.C2
	3 ENC_B+	/7.D2
	4 ENC_B-	/7.D2
	5 ENC_5V	/7.D2
	6 ENC_RTN	/7.D2
	7 ENC_15V	/7.D2
	8 VIA5 (PE)	/7.D2

Carte de circuit imprimé		
Raccord	Signal	Position
P11	1 SFC_IN	/5.A2
	2 SFC_IN	/5.A2
	3 SFC_EXT	/5.A2
	4 n.c.	/5.A2
	5 UP	/5.A2
	6 n.c.	/5.B2
	7 DN	/5.B2
	8 n.c.	/5.B2
	9 SFC_RTN	/5.B2
	10 SFC_RTN	/5.B2
P12-A	1 FAN-1	/4.E4
	2 FAN-1	/4.E4
P12-B	1 FAN-2	/4.E5
	2 FAN-2	/4.E5
P13	1-6 TWI Extension I/O	
P14	1-10 JTAG	
P15	1 BY1_BY2_NC_IN	/5.A4
	2 DRV_DBD	/5.B4
P16	1 LR_THERM_A	/5.E2
	2 LR_THERM_B	/5.E2
P17	1 SFC_2BY_RTN	/5.B4
	2 SFC_2BY_RTN	/5.B4
	3 n.c.	/5.B4
	4 SFC_2BY	/5.B4
	5 SFC_2BY	/5.B4
P18	1 BY_NO_AC_IN	/5.C4
	2 n.c.	/5.C4
	3 BY_NO_AC	/5.C4
P20	1	/5.B4
	2 n.c.	/5.C4
	3	/5.C4

Carte de circuit imprimé		
Raccord	Signal	Position
P110	1 MRC1_BRK_DIR	/5.C2
	2 MRC1_BRK_DIR	/5.D2
P111	1 SPS_AC_PICK_PWR	/5.C2
	2 SPS_AC_HOLD_PWR	/5.C2
	3 SPS_AC_RTN	/5.C2
	4 BRK_GND	/5.C2
P112	1 BRK_DC+	/5.D4
	2 PE	/5.D4
	3 BRK_GND	/5.D4
TB4	T CONV_T	/4.B4
	S CONV_S	/4.B4
	R CONV_R	/4.B4
TB5	--- DC_BUS+	/4.D4
TB6	--- DC_BUS-	/4.D4
TB7	U INV_U	/4.D5
	V INV_V	/4.D5
	W INV_W	/4.D5
TB9	1 MRO+	/5.B2
	2 MRO-	/5.B2
VIA3	--- PE	/4.A5
VIA4	--- PE	/4.B5
VIA5	--- PE	/4.B5

UDCB/P1
CTR

1	/4.C4
2	/4.C4
3	/4.C4

UDCB/P5
CTR

1	/5.D5
2	/5.D5
3	/5.E5
4	/5.E5
5	/5.E5
6	/5.E5
7	/5.E5

UDCB/P6
CTR

1	/5.D2
2	/5.D2
3	/5.D2
4	/5.D2
5	/5.D2
6	/5.D2
7	/5.E2
8	/5.E2
9	/5.E2

UDCB/P8
CTR

1	/4.A4
2	/4.A4
3	/4.A4
4	/4.B4

UDCB/P9
CTR

1	/7.C2
2	/7.C2
3	/7.D2
4	/7.D2
5	/7.D2
6	/7.D2
7	/7.D2
8	/7.D2

UDCB/P11
CTR

1	/5.A2
2	/5.A2
3	/5.A2
4	/5.A2
5	/5.A2
6	/5.B2
7	/5.B2
8	/5.B2
9	/5.B2
10	/5.B2

UDCB/TB9
CTR

1	/5.B2
2	/5.B2

UDCB/P12-A
CTR

1	/4.E4
2	/4.E4

UDCB/P12-B
CTR

1	/4.E5
2	/4.E5

UDCB/P15
WH*D4

1	/5.A5
2	/5.B5

UDCB/P16
CTR

1	/5.E2
2	/5.E2

UDCB/P17
WH*D1

1	/5.B5
2	/5.B5
3	/5.B5
4	/5.B5
5	/5.B5

UDCB/P18
WH*D3

1	/5.C5
2	/5.C5
3	/5.C5

UDCB/P20
WH*D1

1	/5.B5
2	/5.C5
3	/5.C5

UDCB/P110
CTR

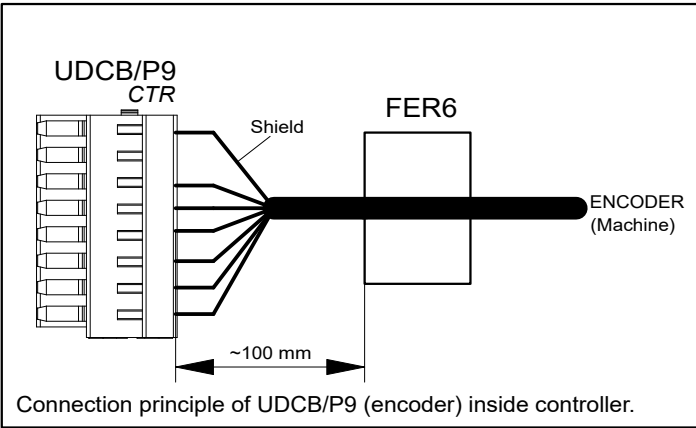
1	/5.D2
2	/5.D2

UDCB/P111
CTR

1	/5.C2
2	/5.C2
3	/5.C2
4	/5.C2

UDCB/P112
CTR

1	/5.D4
PE	/5.D4
3	/5.D4



Connection principle of UDCB/P9 (encoder) inside controller.

voir page : /7.E3

CHANGES

2022-08-19 GCS212MMR / TABLES

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Tableaux et explications

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	322	Masterversion V2	SHEET 56

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

	1	2	3	4	5	6	7	8																																									
A3																																																	
A	<div>INFORMATIONS GENERALES (EN81-1 / EN81-20)</div> <table><thead><tr><th colspan="2">Requirements</th><th colspan="2">Comments</th></tr><tr><th>EN81-1</th><th>EN81-20</th><th></th><th></th></tr></thead><tbody><tr><td>13.2.1</td><td>5.10.3.1</td><td></td><td>All relays and contactors involved meet the VDE 0660 (EN 60947-4/5-1).</td></tr><tr><td>10.6.2</td><td>5.9.2.7</td><td>Run time monitor</td><td>If at a normal ride no changes of the hoistway signals are received during the "CAR NON START"-time (DDP), the drive will be stopped by the logic.</td></tr><tr><td></td><td></td><td>Inspection control</td><td>After having changed to inspection (TCI), an unintentional movement is prevented as due to open contacts of the inspection switch an exitation of the contactor SW1 is only possible via the direction commanding inspection switches (TIB).</td></tr><tr><td>12.4.2.3</td><td>5.9.2.2.2.3</td><td>Main and Brake switch</td><td>Energy is supplied to the brake activator via from each other independent (operation parts) brake relay (B...) and safety relays (S...). OVFR03B => BR/BY, SW1 Additionally the UltraDrives is monitoring by the internal BY_NO_SENSE signal.</td></tr><tr><td>12.7.3</td><td>5.9.2.5.2</td><td>Motor contactor</td><td>The flow of energy for the motor depends on the safety relays (S...). The monitoring unit monitors the energy flow to the motor, in case of a failure the next start is inhibited. OVFR03B => SW1 Additionally the UltraDrives is monitoring by the internal PWM controlling.</td></tr><tr><td>14.1.1.1</td><td>5.11.1.2</td><td>Monitoring the main switch drop</td><td>The electronics of the controller opens the main contactors of brake relay (BR...) safety relays (S...). A new start is only possible if the main contactors of brake relay (B...) and safety relay (S...) have dropped. (Input DBD...) OVFR03B => DRV_DBD A test by Service Tool (SVT) are possible.</td></tr><tr><td></td><td></td><td>Effect of safety devices on the flow of current into the motor</td><td>The safety chain controls the contactors brake relay (B...) and safety relay (S...) directly. In so doing, it controls the energy flow to the motor. OVFR03B => BR/BY, SW1</td></tr></tbody></table>								Requirements		Comments		EN81-1	EN81-20			13.2.1	5.10.3.1		All relays and contactors involved meet the VDE 0660 (EN 60947-4/5-1).	10.6.2	5.9.2.7	Run time monitor	If at a normal ride no changes of the hoistway signals are received during the "CAR NON START"-time (DDP), the drive will be stopped by the logic.			Inspection control	After having changed to inspection (TCI), an unintentional movement is prevented as due to open contacts of the inspection switch an exitation of the contactor SW1 is only possible via the direction commanding inspection switches (TIB).	12.4.2.3	5.9.2.2.2.3	Main and Brake switch	Energy is supplied to the brake activator via from each other independent (operation parts) brake relay (B...) and safety relays (S...). OVFR03B => BR/BY, SW1 Additionally the UltraDrives is monitoring by the internal BY_NO_SENSE signal.	12.7.3	5.9.2.5.2	Motor contactor	The flow of energy for the motor depends on the safety relays (S...). The monitoring unit monitors the energy flow to the motor, in case of a failure the next start is inhibited. OVFR03B => SW1 Additionally the UltraDrives is monitoring by the internal PWM controlling.	14.1.1.1	5.11.1.2	Monitoring the main switch drop	The electronics of the controller opens the main contactors of brake relay (BR...) safety relays (S...). A new start is only possible if the main contactors of brake relay (B...) and safety relay (S...) have dropped. (Input DBD...) OVFR03B => DRV_DBD A test by Service Tool (SVT) are possible.			Effect of safety devices on the flow of current into the motor	The safety chain controls the contactors brake relay (B...) and safety relay (S...) directly. In so doing, it controls the energy flow to the motor. OVFR03B => BR/BY, SW1	A				
Requirements		Comments																																															
EN81-1	EN81-20																																																
13.2.1	5.10.3.1		All relays and contactors involved meet the VDE 0660 (EN 60947-4/5-1).																																														
10.6.2	5.9.2.7	Run time monitor	If at a normal ride no changes of the hoistway signals are received during the "CAR NON START"-time (DDP), the drive will be stopped by the logic.																																														
		Inspection control	After having changed to inspection (TCI), an unintentional movement is prevented as due to open contacts of the inspection switch an exitation of the contactor SW1 is only possible via the direction commanding inspection switches (TIB).																																														
12.4.2.3	5.9.2.2.2.3	Main and Brake switch	Energy is supplied to the brake activator via from each other independent (operation parts) brake relay (B...) and safety relays (S...). OVFR03B => BR/BY, SW1 Additionally the UltraDrives is monitoring by the internal BY_NO_SENSE signal.																																														
12.7.3	5.9.2.5.2	Motor contactor	The flow of energy for the motor depends on the safety relays (S...). The monitoring unit monitors the energy flow to the motor, in case of a failure the next start is inhibited. OVFR03B => SW1 Additionally the UltraDrives is monitoring by the internal PWM controlling.																																														
14.1.1.1	5.11.1.2	Monitoring the main switch drop	The electronics of the controller opens the main contactors of brake relay (BR...) safety relays (S...). A new start is only possible if the main contactors of brake relay (B...) and safety relay (S...) have dropped. (Input DBD...) OVFR03B => DRV_DBD A test by Service Tool (SVT) are possible.																																														
		Effect of safety devices on the flow of current into the motor	The safety chain controls the contactors brake relay (B...) and safety relay (S...) directly. In so doing, it controls the energy flow to the motor. OVFR03B => BR/BY, SW1																																														
B									B																																								
C									C																																								
D									D																																								
E									E																																								
F	<table><tr><td colspan="2">CHANGES</td><td colspan="2">TRANSFER</td><td colspan="2">CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11 Tableaux et explications</td><td colspan="2">DWG 45SFOH57-GBA21310JE_G OTIS ENGINEERING BERLIN</td></tr><tr><td colspan="2">2022-08-19 GCS212MMR / TABLES</td><td colspan="2"></td><td colspan="2">THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS. UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.</td><td colspan="2">DRAWN C.Zingler 2020-05-05 ORIGINAL DATE</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2">OTIS</td><td colspan="2">2020-05-05 2020-05-05</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">73 SHEETS</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td><td colspan="2">SHEET 57</td></tr></table>								CHANGES		TRANSFER		CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11 Tableaux et explications		DWG 45SFOH57-GBA21310JE_G OTIS ENGINEERING BERLIN		2022-08-19 GCS212MMR / TABLES				THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS. UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.		DRAWN C.Zingler 2020-05-05 ORIGINAL DATE						OTIS		2020-05-05 2020-05-05								73 SHEETS								SHEET 57		F
CHANGES		TRANSFER		CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11 Tableaux et explications		DWG 45SFOH57-GBA21310JE_G OTIS ENGINEERING BERLIN																																											
2022-08-19 GCS212MMR / TABLES				THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS. UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.		DRAWN C.Zingler 2020-05-05 ORIGINAL DATE																																											
				OTIS		2020-05-05 2020-05-05																																											
						73 SHEETS																																											
						SHEET 57																																											
	1	2 ALL DIMENSIONS METRIC	3	4	5	6	7	8																																									

FORM PA1104 Rev.2019-08-01

A

B

C

D

E

F

A

B

C

D

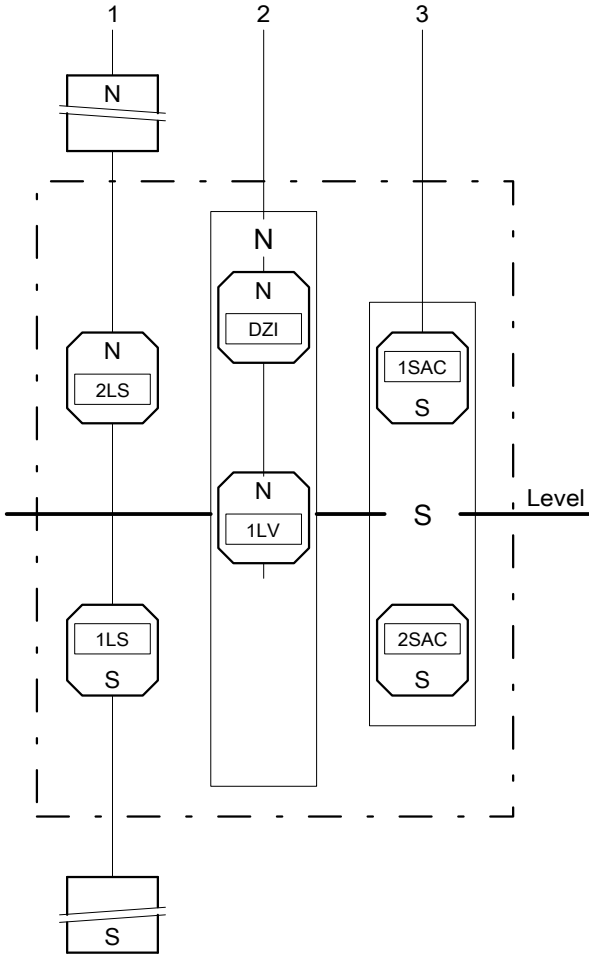
E

F

A3

PRS CAR	
Signal	Position
1LV	/23.B2
2LV	
1LS	/23.B5
2LS	/23.B6
UIS	
DIS	
DZI	/24.B6
1SAC	
2SAC	
VRM	

Disposition des aimants et des interrupteurs à impulsion pour PRS 2



RBI HTW			
Carte de circuit imprimé			
Raccord		Signal	Position
P12/P19	1	RELAY_OUT	/16.C7
	2	RELAY_IN	/16.C6
P17	1	30V_RTN	/16.C7
	2	30V_IN	/16.C7

RBI/P12/P19 HTW	
1	/16.C6
2	/16.C6

RBI/P17 HTW	
1	/16.C7
2	/16.C7

CHANGES

2022-08-19 GCS212MMR / TABLES

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Tableaux et explications

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	330	Masterversion V2	SHEET 58

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A3

A

B

C

D

E

F

DCSS5E
CAR

P1	1	L1	/22.B4
	2	PE	/22.B4
	3	N	/22.B4
P2	1	24VDC	/22.E7
	2	n.c.	/22.C7
	3	DOB	/22.C7
	4	REV	/22.C7
P3	1	n.c.	/22.C7
	2	SGS1	/22.C7
	3	n.c.	/22.D7
	4	SGS2	/22.D7
P4	1	ST1	/22.D7
	2	ST2	/22.D7
	3	ST3	/22.D7
P5	1	DOS	/22.E7
	2	DOL	/22.E7
	3	LOCK	/22.E7
P6	1	TXA0	
	2	TXB0	
	3	RXA0	
	4	LT2	
	5	LT1	
	6	RXB0	
P7	1	TXA0	
	2	TXB0	
	3	RXA0	
	4	LT2	
	5	LT1	
	6	RXB0	
P8	1	SCR	/22.E6
	2	U	
	3	PE	
	4	V	
	5	W	
P10	1	15VDC	/22.E6
	2	T1	
	3	T2	
	4	GND	
	5	SCR	
	6	n.c.	
	7	n.c.	
	PE		/44.D5

A


B

C

D

E

F

CHANGES		WARNING		CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11 Tableaux et explications		DWG 45SFOH57-GBA21310JE_G			
2022-08-19 GCS212MMR / TABLES		TRANSFER						THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS. UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.	
				AUTH		Location		OTIS ENGINEERING BERLIN	
						Masterpage 331 Masterversion V2		DRAWN C.Zingler 2020-05-05 ORIGINAL DATE	
								CHK J.v.Wedelst. 2020-05-05 2020-05-05	
								APPD A.Jähn 2020-05-05 73 SHEETS	
								SHEET 59	

FORM PA1104 Rev.2019-08-01

A

B

C

D

E

F

A

B

C

D

E

F

A3

RS*C1

CTR

Carte de circuit imprimé : RS18			
Link : CAR		Adresse : 56	
Raccord		Signal	Position
P1	1	DL1	/19.E7
	2	DL2	/19.A6
	3	RTN	/19.A6
	4	30VDC	/19.A6
P2	1	DL1	/19.A7
	2	DL2	/19.A7
	3	RTN	/19.A7
	4	30VDC	/19.A7
P3	1	IN1	/19.B6
	2	IN2	/19.B6
	3	IN3	/19.C6
	4	IN4	/19.C6
	5	IN5	/19.C6
	6	IN6	/19.C6
	7	IN7	/19.C6
	8	IN8	/19.C6
P4	1	OUT1	/19.D6
	2	OUT2	/19.D6
	3	OUT3	/19.D6
	4	OUT4	/19.D6
	5	OUT5	/19.D6
	6	OUT6	/19.D6
	7	OUT7	/19.E6
	8	OUT8	/19.E6
P5	1	RET	
	2	CLK	
	3	RET	
	4	DATA	
P6	1	RTN	/19.B7
	2	RTN	/19.E6
	3	30VDC	/19.B7
	4	30VDC	/19.A6

CHANGES

2022-08-19 GCS212MMR / TABLES

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Tableaux et explications

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	332	Masterversion V2	SHEET 60

A

B

C

D

E

F

A3

RS*C13
CAR

Carte de circuit imprimé : RS14			
Link : CAR		Adresse : 18	
Raccord		Signal	Position
P1	1	RTN	/27.B3
	2	IN1	/27.E3
	3	24VDC	/27.A3
	4	OUT1	/27.E3
P2	1	RTN	/27.B3
	2	IN2	/27.E3
	3	24VDC	/27.B3
	4	OUT2	/27.E3
P3	1	RTN	/27.B3
	2	IN3	/27.E3
	3	24VDC	/27.B3
	4	OUT3	/27.D3
P4	1	RTN	/27.C3
	2	IN4	/27.D3
	3	24VDC	/27.B3
	4	OUT4	/27.D3
P5	1	30VDC	
	2	RTN	
	3	PID	
	4	PIR	
	5	PIC	
P6	1	DL1	/27.A4
	2	DL2	/27.B4
	3	RTN	/27.B4
	4	30VDC	/27.B4

RS*C15
CAR

Carte de circuit imprimé : RS14			
Link : CAR		Adresse : 16	
Raccord		Signal	Position
P1	1	RTN	/28.B6
	2	IN1	/28.E6
	3	24VDC	/28.A6
	4	OUT1	/28.E6
P2	1	RTN	/28.B6
	2	IN2	/28.E6
	3	24VDC	/28.B6
	4	OUT2	/28.E6
P3	1	RTN	/28.B6
	2	IN3	/28.E6
	3	24VDC	/28.B6
	4	OUT3	/28.D6
P4	1	RTN	/28.C6
	2	IN4	/28.D6
	3	24VDC	/28.B6
	4	OUT4	/28.D6
P5	1	30VDC	
	2	RTN	
	3	PID	
	4	PIR	
	5	PIC	
P6	1	DL1	/28.A7
	2	DL2	/28.B7
	3	RTN	/28.B7
	4	30VDC	/28.B7

RS*C17
CAR

Carte de circuit imprimé : RS14			
Link : CAR		Adresse : 17	
Raccord		Signal	Position
P1	1	RTN	/29.B6
	2	IN1	/29.E6
	3	24VDC	/29.A6
	4	OUT1	/29.E6
P2	1	RTN	/29.B6
	2	IN2	/29.E6
	3	24VDC	/29.B6
	4	OUT2	/29.E6
P3	1	RTN	/29.B6
	2	IN3	/29.E6
	3	24VDC	/29.B6
	4	OUT3	/29.D6
P4	1	RTN	/29.C6
	2	IN4	/29.D6
	3	24VDC	/29.B6
	4	OUT4	/29.D6
P5	1	30VDC	
	2	RTN	
	3	PID	
	4	PIR	
	5	PIC	
P6	1	DL1	/29.A7
	2	DL2	/29.B7
	3	RTN	/29.B7
	4	30VDC	/29.B7

A

B

C

D

E

F

FORM PA1104 Rev.2019-08-01

CHANGES	
2022-08-19 GCS212MMR / TABLES	TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11 Tableaux et explications		DWG 45SFOH57-GBA21310JE_G	
		OTIS ENGINEERING BERLIN	
DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
AUTH		Location	
Masterpage 338		Masterversion V2	
		SHEET 62	

A3

CPI21
CAR

Carte de circuit imprimé : CPI							
Link : CAR			Adresse : 4				
Raccord		Signal	Position	Raccord		Signal	Position
J2	1	DL1	see next Column	R4-3	1	RTN	/33.E6
	2	DL2			2	IN3	
	3	RTN			3	24VDC	
	4	30VDC			4	OUT3	
J9	1	+12VS		R4-4	1	RTN	
	2	RTN			2	IN4	
	3	VAR1+			3	24VDC	
	4	VAR1-			4	OUT4	
	5	VAR2+		R5-1	1	RTN	
	6	VAR2-			2	IN1	
	7	VR-			3	24VDC	
	8	VR+			4	OUT1	
J10	1	+12VDC Backup		R5-2	1	RTN	
	2	RTN			2	IN2	
	3				3	24VDC	
	4				4	OUT2	
R4-1	1	RTN		R5-3	1	RTN	
	2	IN1			2	IN3	
	3	24VDC			3	24VDC	
	4	OUT1			4	OUT3	
R4-2	1	RTN		R5-4	1	RTN	
	2	IN2			2	IN4	
	3	24VDC			3	24VDC	
	4	OUT2			4	OUT4	

A

B

C

D

E

F

A3

RS*H1 HTW			
Carte de circuit imprimé : HBB			
Link : HALL		Adresse : 21	
Raccord		Signal	Position
P1	1	RTN	/36.C2
	2	IN1	/36.C2
	3	24VDC	/36.C2
	4	OUT1	/36.C2
P2	1	RTN	/36.D2
	2	IN2	/36.D2
	3	24VDC	/36.D2
	4	OUT2	/36.D2
P6	1	DL1	/36.C2
	2	DL2	/36.C2
	3	RTN	/36.C2
	4	30VDC	/36.C2

RS*H2 HTW			
Carte de circuit imprimé : HBB			
Link : HALL		Adresse : 22	
Raccord		Signal	Position
P1	1	RTN	/36.C4
	2	IN1	/36.C4
	3	24VDC	/36.C4
	4	OUT1	/36.C4
P2	1	RTN	/36.D4
	2	IN2	/36.D4
	3	24VDC	/36.D4
	4	OUT2	/36.D4
P6	1	DL1	/36.C4
	2	DL2	/36.C5
	3	RTN	/36.C5
	4	30VDC	/36.C5

RS*H3 HTW			
Carte de circuit imprimé : HBB			
Link : HALL		Adresse : 23	
Raccord		Signal	Position
P1	1	RTN	/36.C7
	2	IN1	/36.C7
	3	24VDC	/36.C7
	4	OUT1	/36.C7
P2	1	RTN	/36.D7
	2	IN2	/36.D7
	3	24VDC	/36.D7
	4	OUT2	/36.D7
P6	1	DL1	/36.C7
	2	DL2	/36.C7
	3	RTN	/36.C7
	4	30VDC	/36.C7

RS*H4 HTW			
Carte de circuit imprimé : HBB			
Link : HALL		Adresse : 24	
Raccord		Signal	Position
P1	1	RTN	/37.C2
	2	IN1	/37.C2
	3	24VDC	/37.C2
	4	OUT1	/37.C2
P2	1	RTN	
	2	IN2	
	3	24VDC	
	4	OUT2	
P6	1	DL1	/37.C2
	2	DL2	/37.C2
	3	RTN	/37.C2
	4	30VDC	/37.C2

A

B

C

D

E

F

FORM PA1104 Rev.2019-08-01

CHANGES		TRANSFER		<div>WARNING</div> <div>THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.</div> <div>UNPUBLISHED WORK © OTIS ELEVATOR COMPANY</div> <div>ALL RIGHTS RESERVED.</div> <div>OTIS</div>		<div>CONTROLEUR DU MICROPROCESSEUR</div> <div>SCHEMA ELECTRIQUE</div> <div>GCS 212 MMR</div> <div>45SFOH57-PT11</div> <div>Tableaux et explications</div>		<div>DWG 45SFOH57-GBA21310JE_G</div> <div>OTIS ENGINEERING</div> <div>BERLIN</div>	
2022-08-19 GCS212MMR / TABLES									
		AUTH		Location		Masterpage 345 Masterversion V2		ORIGINAL DATE	
								2020-05-05	
								73 SHEETS	
								SHEET 64	

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

C

D

E

F

A3

RS*H41 HTW			
Carte de circuit imprimé : HBB			
Link : HALL		Adresse : 21	
Raccord		Signal	Position
P1	1	RTN	/38.B2
	2	IN1	/38.D2
	3	24VDC	/38.B2
	4	OUT1	/38.D2
P2	1	RTN	/38.B2
	2	IN2	/38.D2
	3	24VDC	/38.B2
	4	OUT2	/38.D2
P6	1	DL1	/38.B2
	2	DL2	/38.B2
	3	RTN	/38.B2
	4	30VDC	/38.B2

RS*H42 HTW			
Carte de circuit imprimé : HBB			
Link : HALL		Adresse : 22	
Raccord		Signal	Position
P1	1	RTN	/38.B4
	2	IN1	/38.D4
	3	24VDC	/38.B4
	4	OUT1	/38.D4
P2	1	RTN	/38.B4
	2	IN2	/38.D4
	3	24VDC	/38.B4
	4	OUT2	/38.D4
P6	1	DL1	/38.B4
	2	DL2	/38.B4
	3	RTN	/38.B4
	4	30VDC	/38.B4

RS*H43 HTW			
Carte de circuit imprimé : HBB			
Link : HALL		Adresse : 23	
Raccord		Signal	Position
P1	1	RTN	/38.B5
	2	IN1	/38.D5
	3	24VDC	/38.B5
	4	OUT1	/38.D5
P2	1	RTN	/38.B5
	2	IN2	/38.D5
	3	24VDC	/38.B5
	4	OUT2	/38.D5
P6	1	DL1	/38.B6
	2	DL2	/38.B6
	3	RTN	/38.B6
	4	30VDC	/38.B6

RS*H45 HTW			
Carte de circuit imprimé : HBB			
Link : HALL		Adresse : 24	
Raccord		Signal	Position
P1	1	RTN	/38.B7
	2	IN1	/38.D7
	3	24VDC	/38.B7
	4	OUT1	/38.D7
P2	1	RTN	/38.B7
	2	IN2	/38.D7
	3	24VDC	/38.B7
	4	OUT2	/38.D7
P6	1	DL1	/38.B7
	2	DL2	/38.B7
	3	RTN	/38.B8
	4	30VDC	/38.B8

CHANGES		<div>WARNING</div> <div>THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.</div> <div>UNPUBLISHED WORK © OTIS ELEVATOR COMPANY</div> <div>ALL RIGHTS RESERVED.</div> <div>OTIS</div>		<div>CONTROLEUR DU MICROPROCESSEUR</div> <div>SCHEMA ELECTRIQUE</div> <div>GCS 212 MMR</div> <div>45SFOH57-PT11</div> <div>Tableaux et explications</div>		<div>DWG 45SFOH57-GBA21310JE_G</div> <div>OTIS ENGINEERING</div> <div>BERLIN</div>			
2022-08-19 GCS212MMR / TABLES								TRANSFER	
		AUTH		Location		Masterpage 348 Masterversion V2			
						ORIGINAL DATE			
						2020-05-05			
						73 SHEETS			
						SHEET 65			

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE WITH OTIS DOCUMENT 52847

A3

Explication des symboles des signaux

Entrant - diffusion globale des dessins
La ligne arrive par le contrôleur suivant

Sortant - diffusion globale des dessins
La ligne va vers le contrôleur suivant

Entrant - direct

Sortant - direct

Conduction through ferrites
Leitungsführung durch Ferrite

1 turn => Wire once through ferrite.
1 Windung => Draht einmal durch den Ferrit führen.

2 turns => Wire twice through ferrite.
2 Windungen => Draht zweimal durch den Ferrit führen.

Fonction principale de RF9 :

En fonctionnement normal (RCD1 non déclenché), HL1 et HL2 sont reliés au PE. En cas de RCD1 déclenché, la liaison entre HL1 et HL2 est déconnectée du conducteur de protection PE. En cas de problème d'isolation du transformateur, une haute tension peut être transmise au bobinage secondaire. Un danger potentiel existe. Ceci est empêché par les deux diodes du redresseur.

En fonctionnement normal, la tension entre HL1 et PE est moins d'1V et en raison de la baisse de tension (2*0,7V), aucun courant ne passe sur les diodes.

Si le RCD1 se déclenche et s'il y a un problème d'isolation sur le transformateur, un courant de défaut s'écoule vers le conducteur de protection PE. L'alimentation sur le redresseur n'est que de 1,4V. La sécurité est garantie.

voir page :

CHANGES				TRANSFER		CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11		DWG 45SFOH57-GBA21310JE_G					
2022-08-19 GCS212MMR / TABLES						Tableaux et explications		OTIS ENGINEERING BERLIN					
								DRAWN C.Zingler 2020-05-05	ORIGINAL DATE				
								CHK J.v.Wedelst. 2020-05-05	2020-05-05				
								APPD A.Jähn 2020-05-05	73 SHEETS				
						AUTH	Location	Masterpage 365 Masterversion V2	SHEET 66				

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A3

A

B

C

D

E

F

A

B


C

D

E

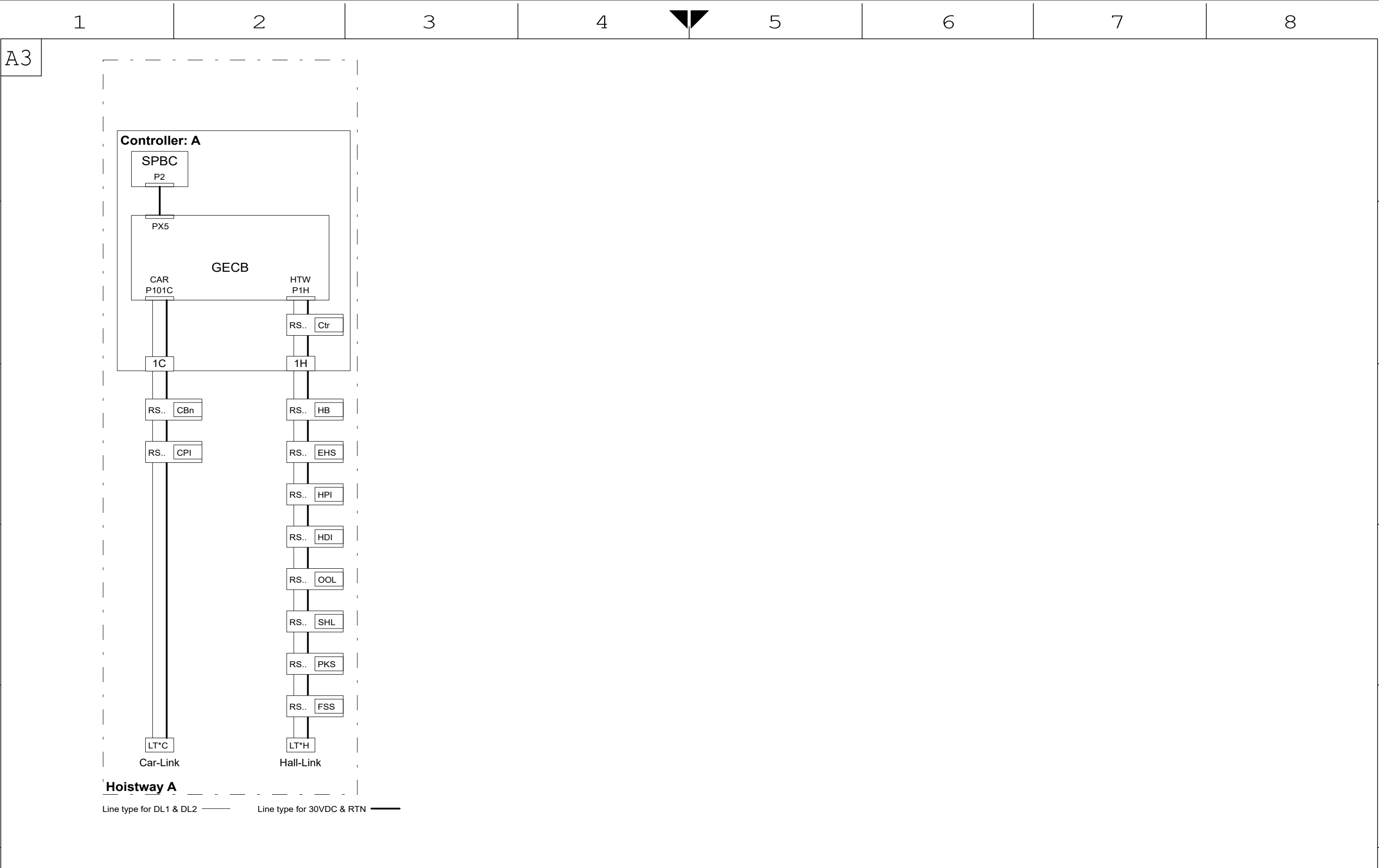
F

SOM and RISER configuration																																		
NOTE: F = First controller M = Middle controller L = Last controller S = Middle controller with SOR2 (only at G3C & NBR2 and G5C & NBR3).																																		
PCB	Group	Contr.	NBR1				NBR2				NBR3				NBR4				NBR5				NBR6				NBR7				NBR8			
			SOM	NOTE	RISE	PAGE	SOM	NOTE	RISE	PAGE	SOM	NOTE	RISE	PAGE	SOM	NOTE	RISE	PAGE	SOM	NOTE	RISE	PAGE	SOM	NOTE	RISE	PAGE	SOM	NOTE	RISE	PAGE				
TCBC	G1C	A			X																													
	G2C	A	X	F	X				X																									
		B								X																								
	G3C	A	X	F	X		X	F	X				X																					
		B	X	M			X	S	X				X																					
C			L				L					L	X																					
GECB	G4C	A	X	F	X		X	F	X		X	F	X				X																	
		B	X	M				L				L					X																	
		C	X	M			X	F	X				X				X																	
		D		L				L					X				X																	
	G5C	A	X	F	X		X	F	X		X	F	X		X	F	X				X													
		B	X	M			X	M			X	S	X			L					X													
		C	X	M				L				L					X				X													
		D	X	M			X	F	X		X	F	X				X				X													
		E		L				L				L					X				X													
	G6C	A	X	F	X		X	F	X		X	F	X		X	F	X		X	F	X				X									
		B	X	M			X	M				L				L					L				X									
		C	X	M				L			X	F	X		X	F	X				X				X									
		D	X	M			X	F	X			L				L					X				X									
		E	X	M			X	M			X	F	X				X				X				X									
		F		L				L				L					X				X				X									
	G7C	A	X	F	X		X	F	X		X	F	X		X	F	X		X	F	X		X	F	X			X						
		B	X	M			X	M			X	M				L					L					X								
		C	X	M			X	M				L			X	F	X		X	F	X				X				X					
		D	X	M				L			X	F	X			L					L				X				X					
		E	X	M			X	M	X			L			X	F	X				X				X				X					
		F	X	M			X	M			X	F	X			L					X				X				X					
		G		L				L				L					X				X				X				X					
	G8C	A	X	F	X		X	F	X		X	F	X		X	F	X		X	F	X		X	F	X		X	F	X		X			
		B	X	M			X	M			X	M				L					L					L				X				
		C	X	M			X	M				L			X	F	X		X	F	X		X	F	X			X		X				
		D	X	M				L			X	F	X			L					L				X				X		X			
		E	X	M			X	F	X		X	M			X	F	X		X	F	X				X				X		X			
		F	X	M			X	M				L				L					L				X				X		X			
G		X	M			X	M			X	F	X		X	F	X				X				X				X		X				
H			L				L				L					L					X				X				X		X			

CHANGES										WARNING THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS. UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.										CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11 Tableaux et explications										DWG 45SFOH57-GBA21310JE_G									
2022-08-19 GCS212MMR / TABLES										TRANSFER																				OTIS ENGINEERING BERLIN									
																														DRAWN C.Zingler 2020-05-05					ORIGINAL DATE				
																														CHK J.v.Wedelst. 2020-05-05					2020-05-05				
																														APPD A.Jähn 2020-05-05					73 SHEETS				
																				AUTH					Location					Masterpage 366 Masterversion V2					SHEET 67				

ALL DIMENSIONS METRIC

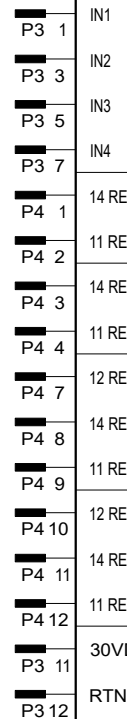
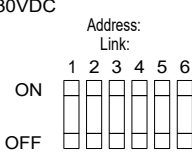
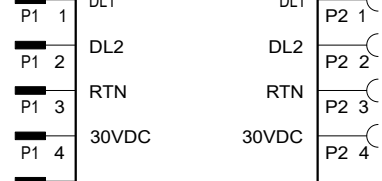
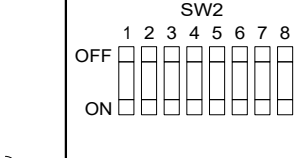
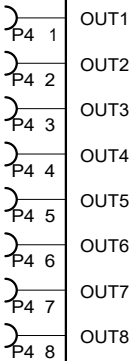
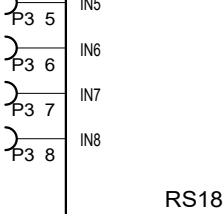
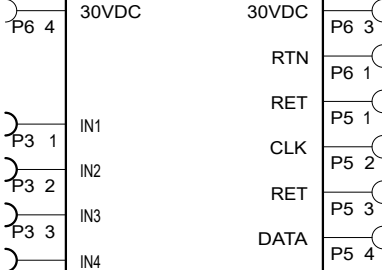
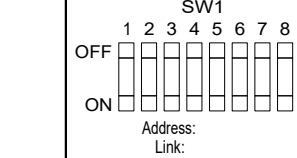
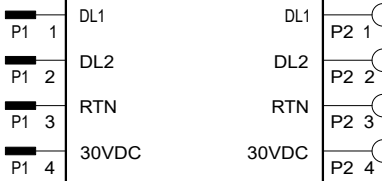
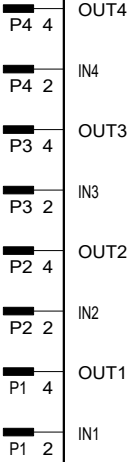
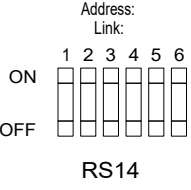
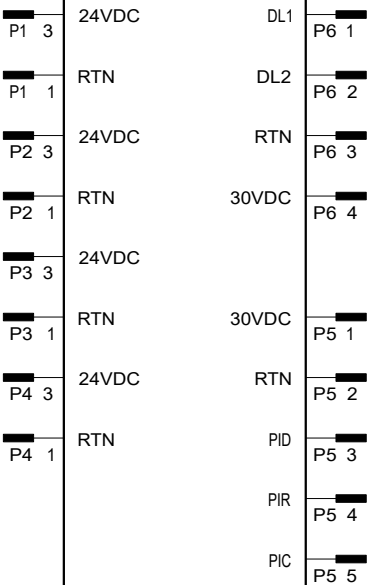
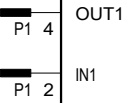
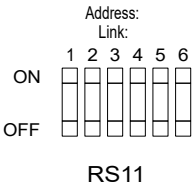
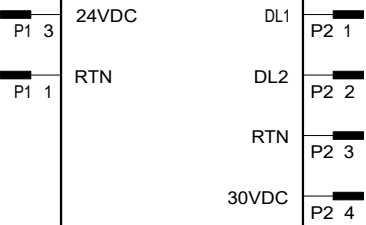
DRAFTED IN ACCORDANCE WITH OTIS DOCUMENT 52847



CHANGES				WARNING		CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11 Tableaux et explications		DWG 45SFOH57-GBA21310JE_G																					
2022-08-19 GCS212MMR / TABLES				TRANSFER																									
				<div>THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.</div> <div>UNPUBLISHED WORK © OTIS ELEVATOR COMPANY</div> <div>ALL RIGHTS RESERVED.</div>		OTIS		<table><tr><td>DRAWN</td><td>C.Zingler</td><td>2020-05-05</td><td>ORIGINAL DATE</td></tr><tr><td>CHK</td><td>J.v.Wedelst.</td><td>2020-05-05</td><td>2020-05-05</td></tr><tr><td>APPD</td><td>A.Jähn</td><td>2020-05-05</td><td>73 SHEETS</td></tr><tr><td>Masterpage</td><td>368</td><td>Masterversion</td><td>V2</td></tr><tr><td colspan="2"></td><td>SHEET</td><td>68</td></tr></table>		DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE	CHK	J.v.Wedelst.	2020-05-05	2020-05-05	APPD	A.Jähn	2020-05-05	73 SHEETS	Masterpage	368	Masterversion	V2			SHEET	68
										DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE																
										CHK	J.v.Wedelst.	2020-05-05	2020-05-05																
										APPD	A.Jähn	2020-05-05	73 SHEETS																
Masterpage	368	Masterversion	V2																										
		SHEET	68																										

A3

INFORMATIONS GENERALES
Connector Pin Assignment of Remote Station



CHANGES

2022-08-19 GCS212MMR / TABLES

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.



CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Tableaux et explications

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

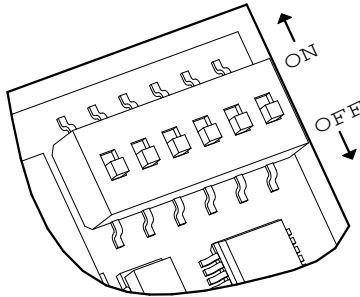
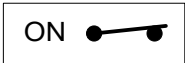
DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	384	Masterversion	V2
SHEET	69		

A3

INFORMATIONS GENERALES

Position de l'interrupteur pour Remote Station adressage (6 bits)

1	2	3	4	5	6	
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Addr.: 4
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Addr.: 5
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Addr.: 6
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Addr.: 7
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Addr.: 8
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Addr.: 9
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 10
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 11
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Addr.: 12
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Addr.: 13
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Addr.: 14
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 15
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 16
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 17
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Addr.: 18
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 19
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 20
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 21
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 22
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 23
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 24
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 25
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 26
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 27
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 28
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 29
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 30
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 31
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 32
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 33
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 34
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 35
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 36
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 37
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 38
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 39
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 40
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 41
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 42
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 43
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 44
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 45
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 46
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 47
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 48
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 49
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 50
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 51
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 52
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 53
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 54
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 55
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 56
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 57
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 58
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 59
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 60
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 61
ON	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 62
ON	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
OFF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addr.: 63



CHANGES

2022-08-19 GCS212MMR / TABLES

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Tableaux et explications

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	385	Masterversion V2	SHEET 70

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A3

INFORMATIONS GENERALES

Switch setting / configuration for RS 18.

Switch (1-5)

SW1	1	2	3	4	5	6	7	8	Addr.: 4
OFF	■								
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 6
OFF	■	■							
ON	■		■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 8
OFF	■		■						
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 10
OFF	■	■	■						
ON	■		■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 12
OFF	■	■	■						
ON	■		■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 14
OFF	■	■	■						
ON	■		■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 16
OFF	■		■						
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 18
OFF	■	■	■						
ON	■		■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 20
OFF	■	■	■						
ON	■		■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 22
OFF	■	■	■						
ON	■		■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 24
OFF	■	■	■						
ON	■		■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 26
OFF	■	■	■						
ON	■		■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 28
OFF	■	■	■						
ON	■		■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 30
OFF	■	■	■						
ON	■		■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 32
OFF	■	■	■						
ON	■		■	■					

SW1	1	2	3	4	5	6	7	8	Addr.: 34
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 36
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 38
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 40
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 42
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 44
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 46
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 48
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 50
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 52
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 54
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 56
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 58
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 60
OFF	■				■				
ON	■	■	■	■					
SW1	1	2	3	4	5	6	7	8	Addr.: 62
OFF	■				■				
ON	■	■	■	■					

Switch (6)

Even address							
ENABLE							
1	2	3	4	5	6	7	8
OFF	■						
ON	■	■	■	■	■	■	■
DISABLE							
1	2	3	4	5	6	7	8
OFF	■						
ON	■	■	■	■	■	■	■

Switch (7)

Odd address							
ENABLE							
1	2	3	4	5	6	7	8
OFF	■						
ON	■	■	■	■	■	■	■
DISABLE							
1	2	3	4	5	6	7	8
OFF	■						
ON	■	■	■	■	■	■	■

Switch (8)

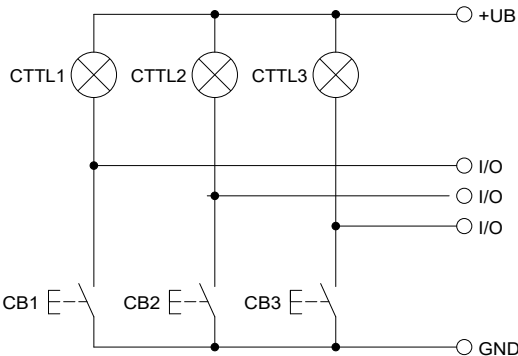
N+2 - Wiring							
DISABLE							
1	2	3	4	5	6	7	8
OFF	■						
ON	■	■	■	■	■	■	■
ENABLE							
1	2	3	4	5	6	7	8
OFF	■						
ON	■	■	■	■	■	■	■

Example for CB1 to CB3

SW2	1	2	3	4	5	6	7	8
OFF	■	■	■	■	■	■	■	■
ON	■	■	■	■	■	■	■	■

CB1 SW2(1)=on
CB2 SW2(2)=on
CB3 SW2(3)=on
SW2(4)=off
SW2(5)=off
SW2(6)=off
SW2(7)=off
SW2(8)=off

(N+2) - Wiring Principle



CHANGES

2022-08-19 GCS212MMR / TABLES

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Tableaux et explications

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2020-05-05
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	386	Masterversion V2	SHEET 71

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A

B

C

D

E

F

A

B

C

D

E

F

A3

Liste des numéros E/S utilisés

INPUT						
Link	Addr.	I / O	Symbol	Description	Pin	Page
CAR	04+P1	0001	DOB	Door Open Button	R4-1 : 2	/33.A3
CAR	04+P2	0032	CB 0	Car Button	R4-2 : 2	/33.A3
CAR	04+P3	0033	CB 1	Car Button	R4-3 : 2	/33.A3
CAR	04+P4	0034	CB 2	Car Button	R4-4 : 2	/33.A3
CAR	05+P1	0035	CB 3	Car Button	R5-1 : 2	/33.A3
CAR	05+P2				R5-2 : 2	/33.A3
CAR	05+P3				R5-3 : 2	/33.A3
CAR	05+P4				R5-4 : 2	/33.A3
CAR	08+P1				P1 : 2	/32.B7
CAR	08+P2	0003	DCB	Door Close Button	P2 : 2	/32.C7
CAR	08+P3	0004	ISS	Independent Service Switch	P3 : 2	/32.C7
CAR	08+P4				P4 : 2	/32.E7

CAR	16+P1				P1 : 2	/28.E6
CAR	16+P2	0783	TCIB	Top Of Car Inspection Button	P2 : 2	/28.E6
CAR	16+P3	0691	TCI	Top of car Inspection Switch	P3 : 2	/28.E6
CAR	16+P4				P4 : 2	/28.D6
CAR	17+P1	0000	DOL	Door Open Limit	P1 : 2	/29.E6
CAR	17+P2				P2 : 2	/29.E6
CAR	17+P3	0607	LRD	Light Ray Device	P3 : 2	/29.E6
CAR	17+P4	0605	DOS / SGS	Door Opening Signal / Safety Gate Shoe	P4 : 2	/29.D6
CAR	18+P1				P1 : 2	/27.E3
CAR	18+P2				P2 : 2	/27.E3
CAR	18+P3	0705	TDOB	Top of car Door Open Button	P3 : 2	/27.E3
CAR	18+P4	0706	TDCB	Top of car Door Close Button	P4 : 2	/27.D3
HALL	21+P1	0096	HB 0	Hall Button	P1 : 2	/36.C2
HALL	21+P2				P2 : 2	/36.D2
HALL	21.+P1				P1 : 2	/38.D2
HALL	21.+P2	0192	EHC 0	Emergency Hospital Call 0	P2 : 2	/38.D2
HALL	22+P1	0097	HB 1	Hall Button	P1 : 2	/36.C4
HALL	22+P2	0065	UHB 1	Up Hall Button	P2 : 2	/36.D4
HALL	22.+P1				P1 : 2	/38.D4
HALL	22.+P2	0193	EHC 1	Emergency Hospital Call 1	P2 : 2	/38.D4
HALL	23+P1	0098	HB 2	Hall Button	P1 : 2	/36.C7
HALL	23+P2	0066	UHB 2	Up Hall Button	P2 : 2	/36.D7
HALL	23.+P1				P1 : 2	/38.D5
HALL	23.+P2	0194	EHC 2	Emergency Hospital Call 2	P2 : 2	/38.D5
HALL	24+P1	0099	HB 3	Hall Button	P1 : 2	/37.C2
HALL	24+P2				P2 : 2	
HALL	24.+P1				P1 : 2	/38.D7
HALL	24.+P2	0195	EHC 3	Emergency Hospital Call 3	P2 : 2	/38.D7

OUTPUT						
Link	Addr.	I / O	Symbol	Description	Pin	Page
CAR	04+P1				R4-1 : 4	/33.A3
CAR	04+P2	0032	CTTL 0	Tell Tale Light 0	R4-2 : 4	/33.A3
CAR	04+P3	0033	CTTL 1	Tell Tale Light 1	R4-3 : 4	/33.A3
CAR	04+P4	0034	CTTL 2	Tell Tale Light 2	R4-4 : 4	/33.A3
CAR	05+P1	0035	CTTL 3	Tell Tale Light 3	R5-1 : 4	/33.A3
CAR	05+P2				R5-2 : 4	/33.A3
CAR	05+P3				R5-3 : 4	/33.A3
CAR	05+P4				R5-4 : 4	/33.A3
CAR	08+P1				P1 : 4	/32.B7
CAR	08+P2	0023	BUZ	Buzzer	P2 : 4	/32.C7
CAR	08+P3	0709	EML	Evacuation Message Light	P3 : 4	/32.D7
CAR	08+P4	0022	OLS	Over Load Signal	P4 : 4	/32.E7
CAR	08.+P1				:1	/33.A3
CAR	08.+P2				:2	/33.A3
CAR	08.+P3				:3	/33.A3
CAR	08.+P4				:4	/33.A3
CAR	16+P1				P1 : 4	/28.E6
CAR	16+P2				P2 : 4	/28.E6
CAR	16+P3	0993	DOOR_ST3	ST3 for front+rear D01000 (DCSS5)	P3 : 4	/28.D6
CAR	16+P4	0996	DOOR_ST3R	ST3 for rear D01000 (DCSS5)	P4 : 4	/28.D6
CAR	17+P1				P1 : 4	/29.E6
CAR	17+P2				P2 : 4	/29.E6
CAR	17+P3	0991	DOOR_ST1	ST1 for front D01000 (DCSS5)	P3 : 4	/29.D6
CAR	17+P4	0992	DOOR_ST2	ST2 for front D01000 (DCSS5)	P4 : 4	/29.D6
CAR	18+P1	0647	SSM1	Speech Synth. Cmd 1	P1 : 4	/27.E3
CAR	18+P2	0648	SSM2	Speech Synth. Cmd 2	P2 : 4	/27.E3
CAR	18+P3	0649	SSM3	Speech Synth. Cmd 3	P3 : 4	/27.D3
CAR	18+P4	0650	SSM4	Speech Synth. Cmd 4	P4 : 4	/27.D3
HALL	21+P1	0096	HBTTL 0	Tell Tale Light 0	P1 : 4	/36.C2
HALL	21+P2				P2 : 4	/36.D2
HALL	21.+P1				P1 : 4	/38.D2
HALL	21.+P2				P2 : 4	/38.D2
HALL	22+P1	0097	HBTTL 1	Tell Tale Light 1	P1 : 4	/36.C4
HALL	22+P2	0065	UHTTL 1	Tell Tale Light 1	P2 : 4	/36.D4
HALL	22.+P1				P1 : 4	/38.D4
HALL	22.+P2				P2 : 4	/38.D4
HALL	23+P1	0098	HBTTL 2	Tell Tale Light 2	P1 : 4	/36.C7
HALL	23+P2	0066	UHTTL 2	Tell Tale Light 2	P2 : 4	/36.D7
HALL	23.+P1				P1 : 4	/38.D5
HALL	23.+P2				P2 : 4	/38.D5
HALL	24+P1	0099	HBTTL 3	Tell Tale Light 3	P1 : 4	/37.C2
HALL	24+P2				P2 : 4	
HALL	24.+P1				P1 : 4	/38.D7
HALL	24.+P2				P2 : 4	/38.D7
HALL	42.+P3				J1 :-	/34.B1
HALL	42.+P4				J1 :-	/34.B1
HALL	43.+P3				J1 :-	/34.B3
HALL	43.+P4				J1 :-	/34.B3
HALL	44.+P3				J1 :-	/34.B4
HALL	44.+P4				J1 :-	/34.B4

CHANGES

2022-08-19 GCS 212 MMR

TRANSFER

WARNING
THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.
UNPUBLISHED WORK © OTIS ELEVATOR COMPANY
ALL RIGHTS RESERVED.

OTIS

CONTROLEUR DU MICROPROCESSEUR
SCHEMA ELECTRIQUE
GCS 212 MMR
45SFOH57-PT11

Liste E/S

DWG 45SFOH57-GBA21310JE_G

OTIS ENGINEERING
BERLIN

DRAWN	C.Zingler	2020-05-05	ORIGINAL DATE
CHK	J.v.Wedelst.	2020-05-05	2022-08-19
APPD	A.Jähn	2020-05-05	73 SHEETS
Masterpage	Masterversion	V2	SHEET 72

ALL DIMENSIONS METRIC

DRAFTED IN ACCORDANCE
WITH OTIS DOCUMENT 52847

A3

Liste des numéros E/S utilisés

INPUT							OUTPUT						
Link	Addr.	I / 0	Symbol	Description	Pin	Page	Link	Addr.	I / 0	Symbol	Description	Pin	Page
CAR	56+P1	0224	FPD 0	Fire Proof Door 0	P3 :1	/19.B6	HALL	45.+P3				J1 :-	/34.B6
CAR	56+P2	0225	FPD 1	Fire Proof Door 1	P3 :2	/19.B6	HALL	45.+P4				J1 :-	/34.B6
CAR	56+P3	0226	FPD 2	Fire Proof Door 2	P3 :3	/19.C6	CAR	56+P1				P4 :1	/19.D6
CAR	56+P4	0227	FPD 3	Fire Proof Door 3	P3 :4	/19.C6	CAR	56+P2				P4 :2	/19.D6
CAR	57+P1				P3 :5	/19.C6	CAR	56+P3				P4 :3	/19.D6
CAR	57+P2				P3 :6	/19.C6	CAR	56+P4				P4 :4	/19.D6
CAR	57+P3				P3 :7	/19.C6	CAR	57+P1				P4 :5	/19.D6
CAR	57+P4				P3 :8	/19.C6	CAR	57+P2				P4 :6	/19.D6
CAR	62+P1	1157	ServInC	Service Button input - car link	P1 :2	/20.C4	CAR	57+P3				P4 :7	/19.E6
							CAR	57+P4				P4 :8	/19.E6
							CAR	62+P1	1158	ServOutC	Service Button output - car link	P1 :4	/20.C4

CHANGES		TRANSFER		<div>THIS WORK AND THE INFORMATION IT CONTAINS ARE THE PROPERTY OF OTIS ELEVATOR COMPANY ("OTIS"). IT IS DELIVERED TO OTHERS ON THE EXPRESS CONDITION THAT IT WILL BE USED ONLY FOR, OR ON BEHALF OF, OTIS; THAT NEITHER IT NOR THE INFORMATION IT CONTAINS WILL BE REPRODUCED OR DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF OTIS; AND THAT ON DEMAND IT AND ANY COPIES WILL BE PROMPTLY RETURNED TO OTIS.</div> <div>UNPUBLISHED WORK © OTIS ELEVATOR COMPANY ALL RIGHTS RESERVED.</div> <div>OTIS</div>		<div>WARNING</div> <div>CONTROLEUR DU MICROPROCESSEUR SCHEMA ELECTRIQUE GCS 212 MMR 45SFOH57-PT11</div> <div>Liste E/S</div>		DWG 45SFOH57-GBA21310JE_G	
2022-08-19 GCS 212 MMR						OTIS ENGINEERING BERLIN			
						DRAWN C.Zingler 2020-05-05		ORIGINAL DATE	
						CHK J.v.Wedelst. 2020-05-05		2022-08-19	
						APPD A.Jähn 2020-05-05		73 SHEETS	
						AUTH		Location	
						Masterpage		Masterversion V2	
								SHEET 73	