
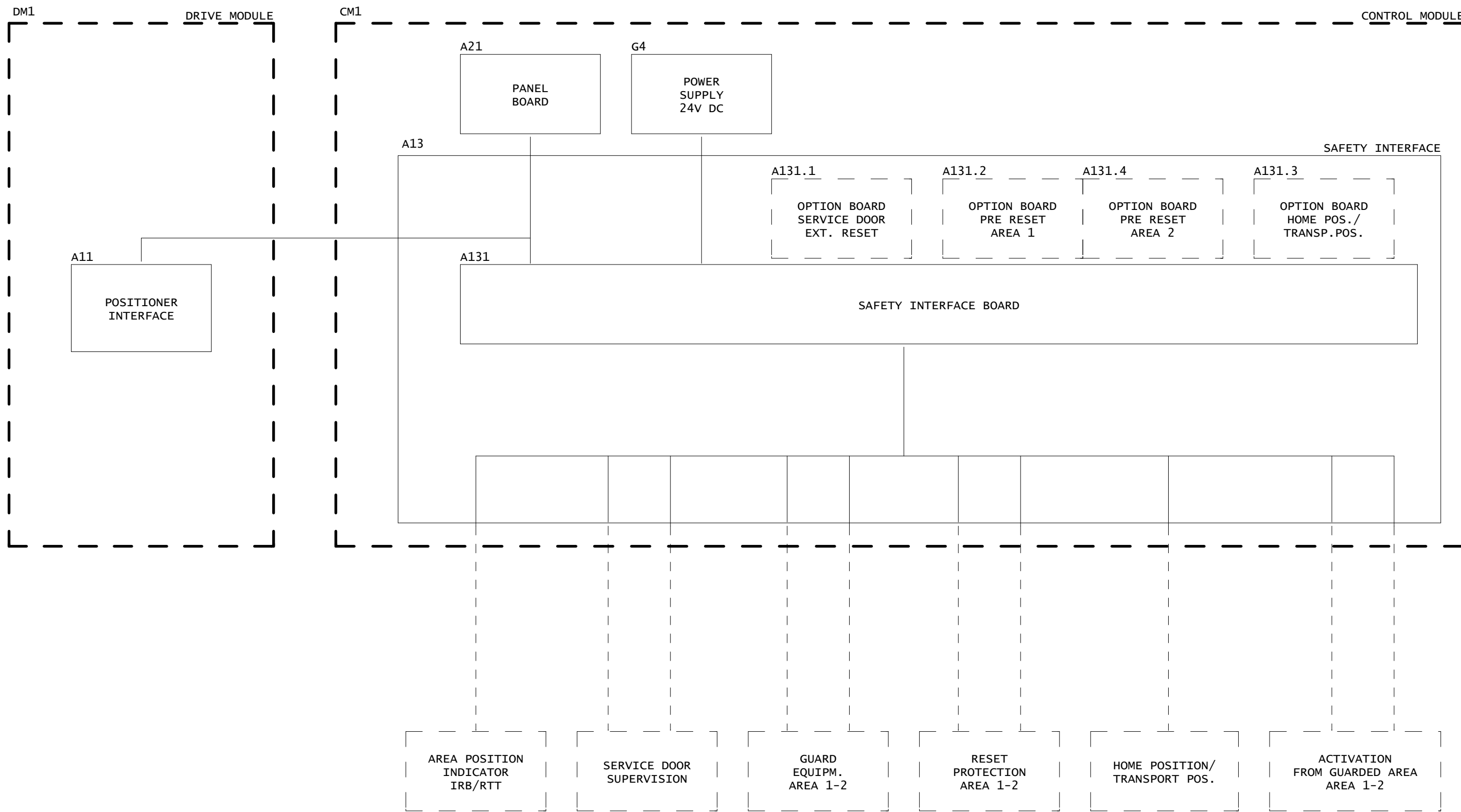
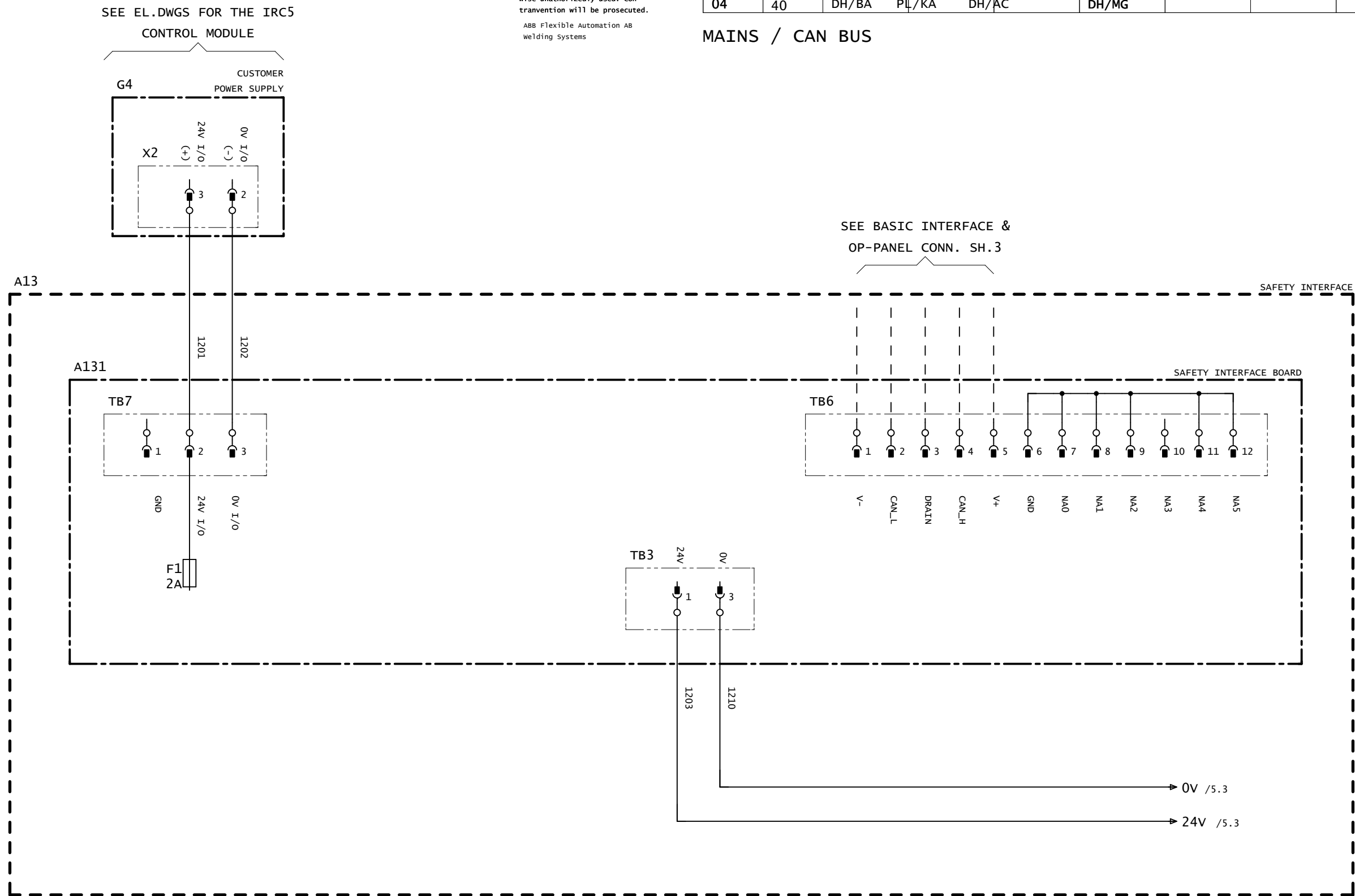



0		1		2		3		4		5		6		7		8		9	
Alteration No.		Alteration		Sign., year, month entered				<p>Denna handling får ej utan vårt medgivande kopieras, delgivas annan eller eljest obehörigen användas. "vertr, delse beivras med st" d av g, llande lag.</p> <p>This document must not without our permission be copied, imparted to a third party or otherwise unauthorizedly used. Con- tranvention will be prosecuted.</p> <p>ABB Flexible Automation AB welding Systems</p>				CIRCUIT DIAGRAM SAFETY INTERFACE A/L/S		3HEA 800727-001 01		Type IRC5 Scale		Code K1R sheet 2 cont. 3	
Year		Week		Design checked by		Accepted for prod. by		Drawing checked by		Drawn by		Projekt		Location					
04		40		DH/BA		PL/KA		DH/AC		DH/MG									

BLOCK DIAGRAM



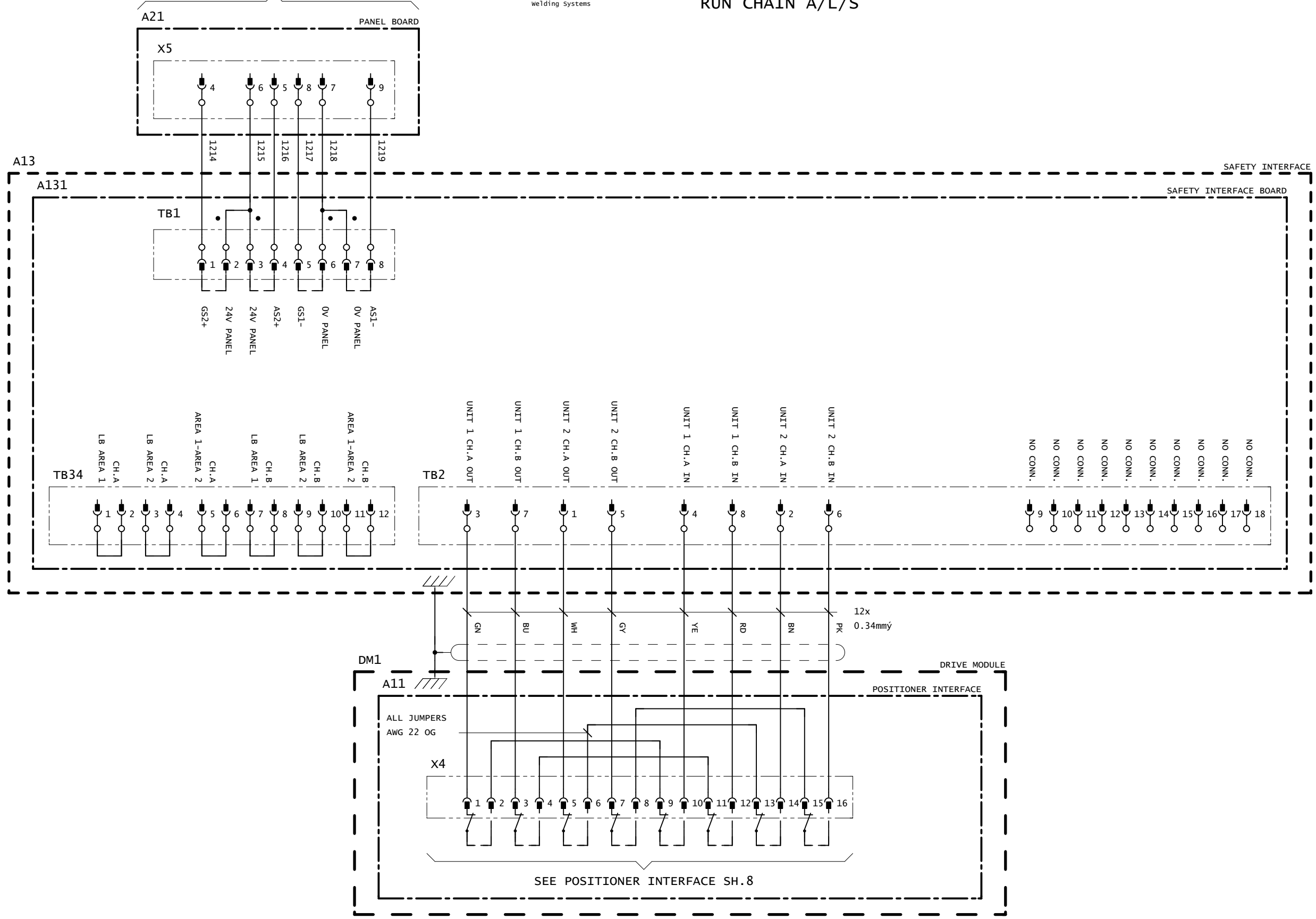
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Alteration No.		Alteration		Sign., year, month entered		CONNECTED WITH AWG 18 BU, IF NO OTHER NOTATION		Denna handling får ej utan vårt medgivande kopieras, delgivas annan eller eljest obehörigen användas. "vertr, delse beivras med st" d av g, llande lag. This document must not without our permission be copied, imparted to a third party or otherwise unauthorizedly used. Contravention will be prosecuted. ABB Flexible Automation AB welding Systems		ABB		CIRCUIT DIAGRAM SAFETY INTERFACE A/L/S		3HEA 800727-001 01		Type IRC5		Scale		Code K1R	
Year		Week		Design checked by		Accepted for prod. by		Drawing checked by		Drawn by		Projekt		Location		sheet 3		cont. 4			
04		40		DH/BA		PL/KA		DH/AC		DH/MG											



0	1	2	3	4	5	6	7	8	9				
Alteration No.	Alteration	Sign., year, month entered	CONNECTED WITH AWG 18 BU, IF NO OTHER NOTATION		 CIRCUIT DIAGRAM SAFETY INTERFACE A/L/S		3HEA 800727-001 01 Type IRC5		Scale	Code K1R			
			<p>Denna handling får ej utan vårt medgivande kopieras, delgivas annan eller eljest obehörigen användas. "vertr, delse beivras med st'd av g., llande lag.</p> <p>This document must not without our permission be copied, imparted to a third party or otherwise unauthorizedly used. Contravention will be prosecuted.</p> <p>ABB Flexible Automation AB welding Systems</p>		Year	Week	Design checked by	Accepted for prod. by	Drawing checked by	Drawn by	Projekt	Location	Sheet 4
					04	40	DH/BA	PL/KA	DH/AC	DH/MG			cont. 5

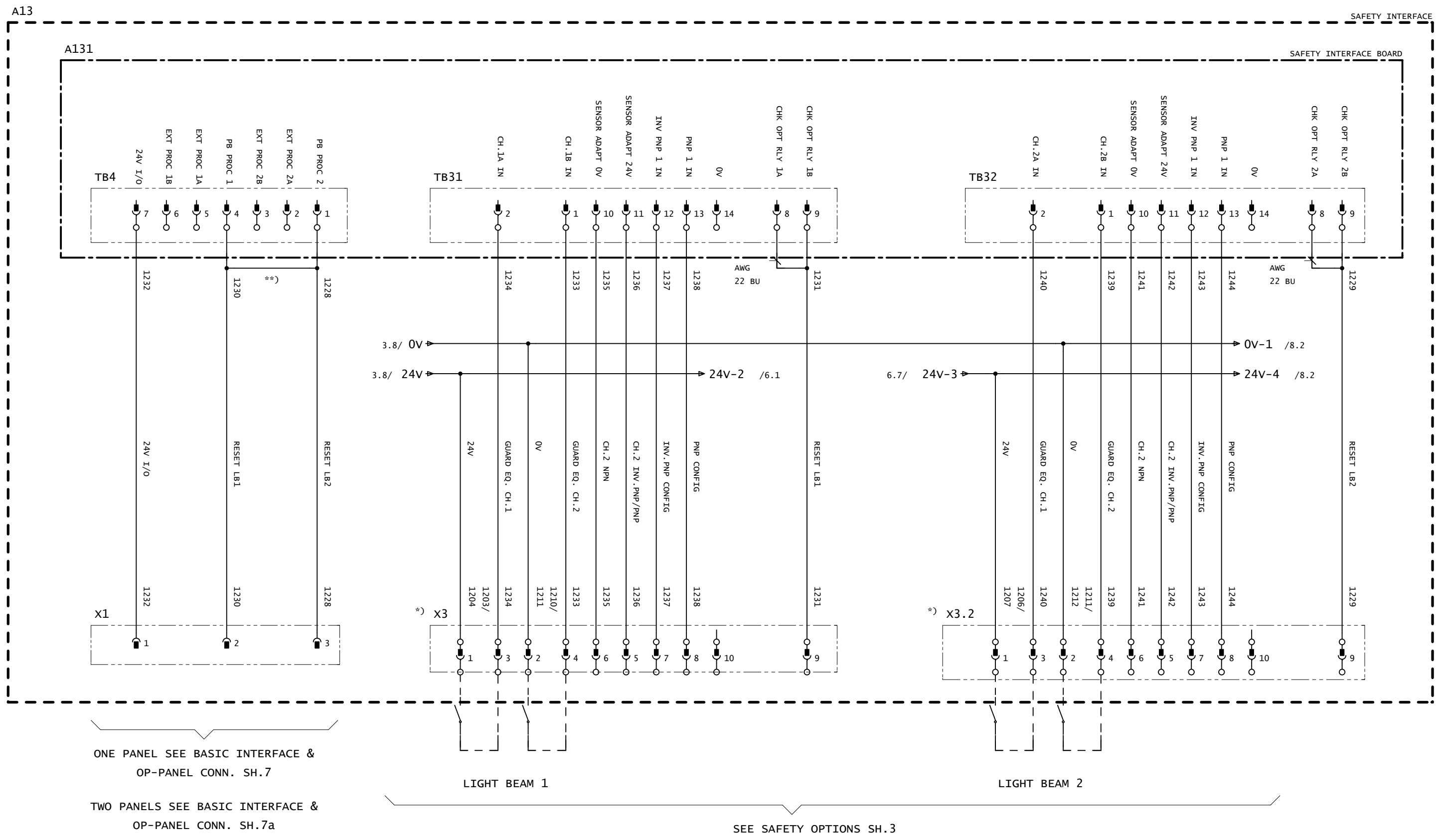
SEE EL.DWGS FOR THE IRC5 CONTROL MODULE

RUN CHAIN A/L/S



0		1		2		3		4		5		6		7		8		9	
Alteration No.		Alteration		Sign., year, month entered		CONNECTED WITH AWG 18 BU, IF NO OTHER NOTATION		Denna handling fr ej utan vrt medgivande kopieras, delgivas annan eller eljest obeh'rigen anv.,ndas. *vertr.,delse beivras med st'd av g.,llande lag.		ABB		CIRCUIT DIAGRAM		3HEA 800727-001 01					
R60002		Conn. 1228-1231 changed		AN, 06, 01		*) JUMPER CONNECTION IF NO EQUIPMENT CONNECTED SEE SH.11		This document must not without our permission be copied, imparted to a third party or otherwise unathorizedly used. Con- tranvention will be prosecuted.		A/L/S		Type IRC5		Scale		Code K1R		sheet 5	
Year 04		Week 40		Design checked by DH/BA		Accepted for prod. by PL/KA		Drawing checked by DH/AC		Drawn by DH/MG		Projekt		Location		cont. 6			

GUARD EQUIPMENT



ONE PANEL SEE BASIC INTERFACE & OP-PANEL CONN. SH.7

TWO PANELS SEE BASIC INTERFACE & OP-PANEL CONN. SH.7a

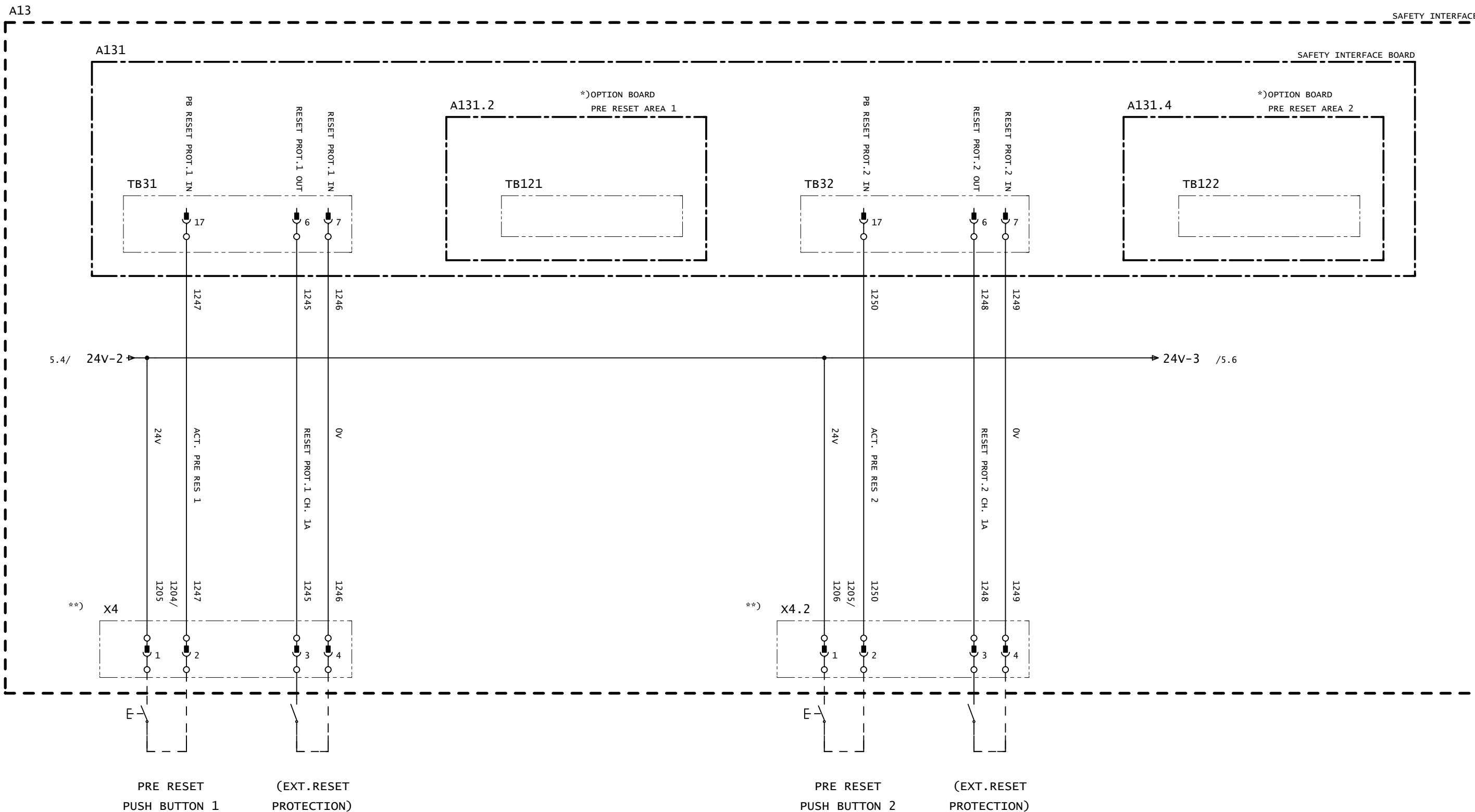
LIGHT BEAM 1

LIGHT BEAM 2

SEE SAFETY OPTIONS SH.3

0		1		2		3		4		5		6		7		8		9	
Alteration No.		Alteration		Sign., year, month entered		CONNECTED WITH AWG 18 BU, IF NO OTHER NOTATION		Denna handling ffr ej utan vrt medgivande kopieras, delgivas annan eller eljest obeh"rigen anv,ndas. "vertr,delse beivras med st"d av g,,llande lag.		ABB		CIRCUIT DIAGRAM		3HEA 800727-001 01					
						*) OPTION BOARD ONLY IF SAFETY OPTION PRE RESET PB		This document must not without our permission be copied, imparted to a third party or otherwise unauthorized used. Con- tranvention will be prosecuted.		A/L/S		Type IRC5		Scale		Code K1R			
Year		Week		Design checked by		Accepted for prod. by		Drawing checked by		Drawn by		Projekt		Location		Sheet 6		cont. 7	
04		40		DH/BA		PL/KA		DH/AC		DH/MG									

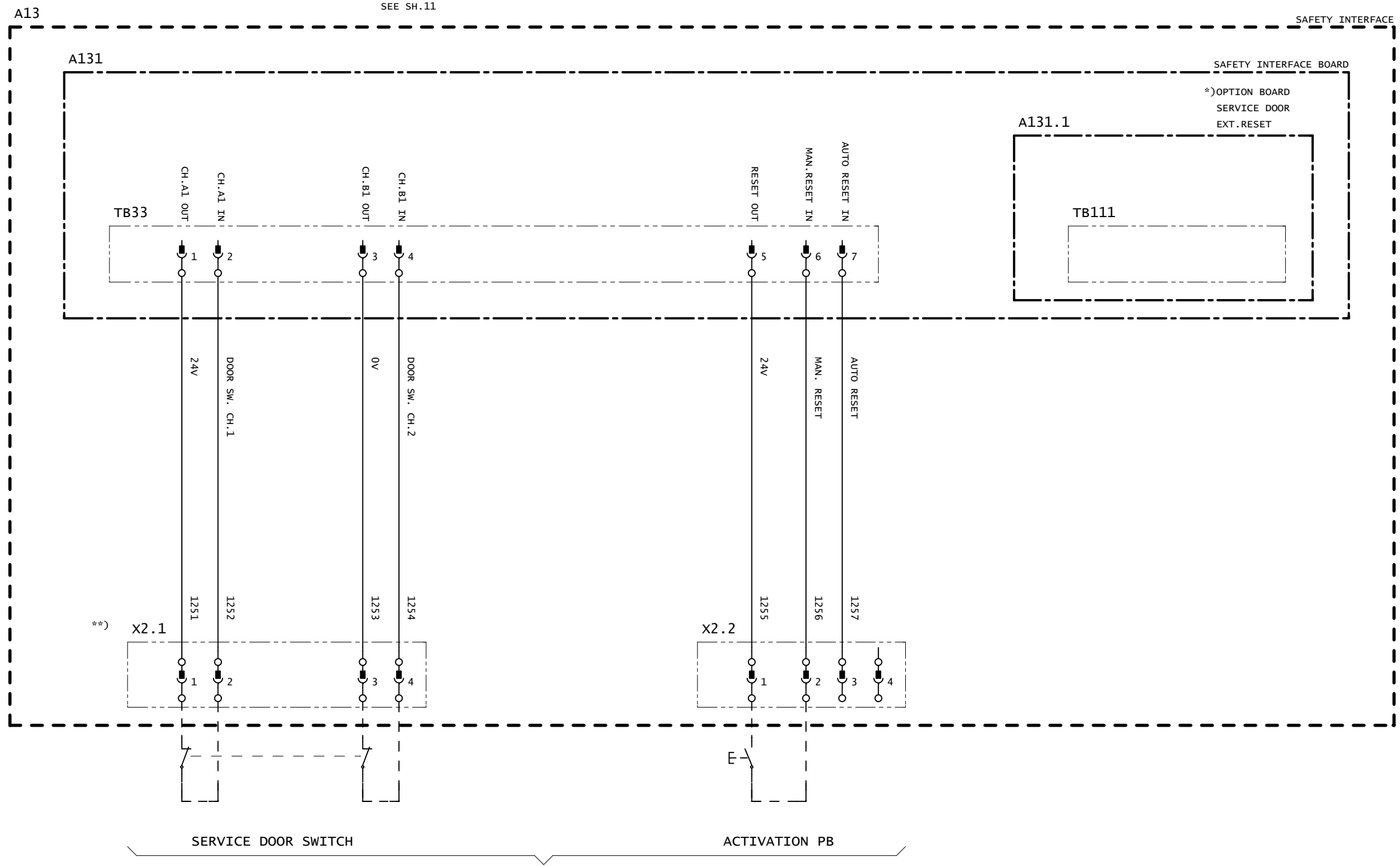
RESET PROTECTION



SEE SAFETY OPTIONS SH.4

0		1		2		3		4		5		6		7		8		9	
Alteration No.		Alteration		Sign., year, month entered		CONNECTED WITH AWG 18 BU, IF NO OTHER NOTATION		Denna handling får ej utan vårt medgivande kopieras, delgivas annan eller eljest obehörigen användas. *vertr, delse beivras med st'd av g, llande lag.		ABB		CIRCUIT DIAGRAM		3HEA 800727-001 01					
						*) OPTION BOARD ONLY IF SAFETY OPTION EXT. RESET PB		This document must not without our permission be copied, imparted to a third party or otherwise unauthorizedly used. Contravention will be prosecuted.		A/L/S		Type IRC5		Scale		Code K1R			
Year 04		Week 40		Design checked by DH/BA		Accepted for prod. by PL/KA		Drawing checked by DH/AC		Drawn by DH/MG		Projekt		Location		Sheet 7		cont. 8	

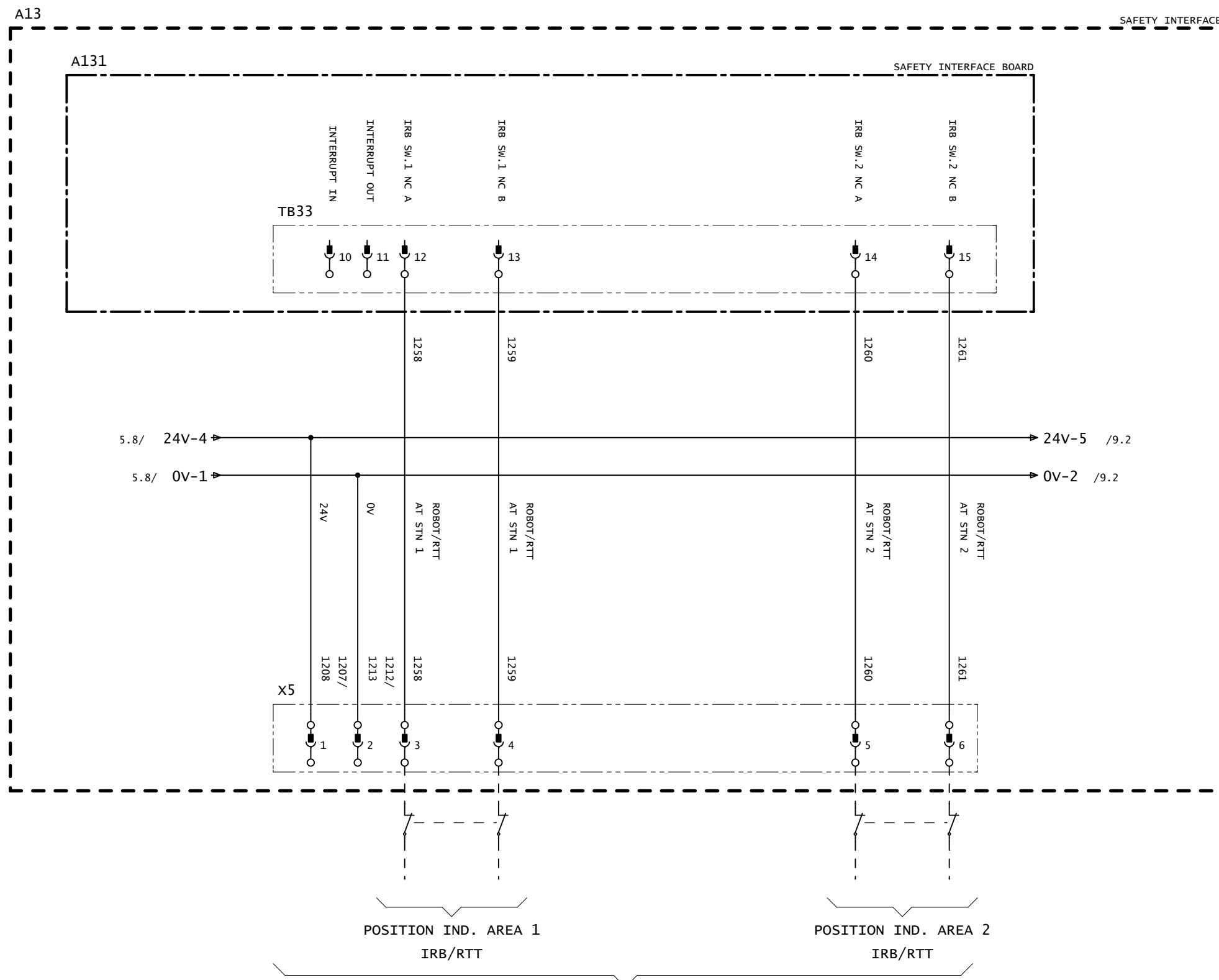
SERVICE DOOR SUPERVISION



SEE SAFETY OPTIONS SH.5

0		1		2		3		4		5		6		7		8		9	
Alteration No.		Alteration		Sign., year, month entered		CONNECTED WITH AWG 18 BU, IF NO OTHER NOTATION		Denna handling får ej utan vårt medgivande kopieras, delgivas annan eller eljest obehörigen användas. "vertr, delse beivras med st" d av g, llande lag. This document must not without our permission be copied, imparted to a third party or otherwise unauthorizely used. Con- travention will be prosecuted. ABB Flexible Automation AB welding Systems		ABB		CIRCUIT DIAGRAM SAFETY INTERFACE A/L/S		3HEA 800727-001 01		Type IRC5		Code K1R	
Year		Week		Design checked by		Accepted for prod. by		Drawing checked by		Drawn by		Projekt		Location		Sheet 8		cont. 9	
04		40		DH/BA		PL/KA		DH/AC		DH/MG									

STATION INDICATION



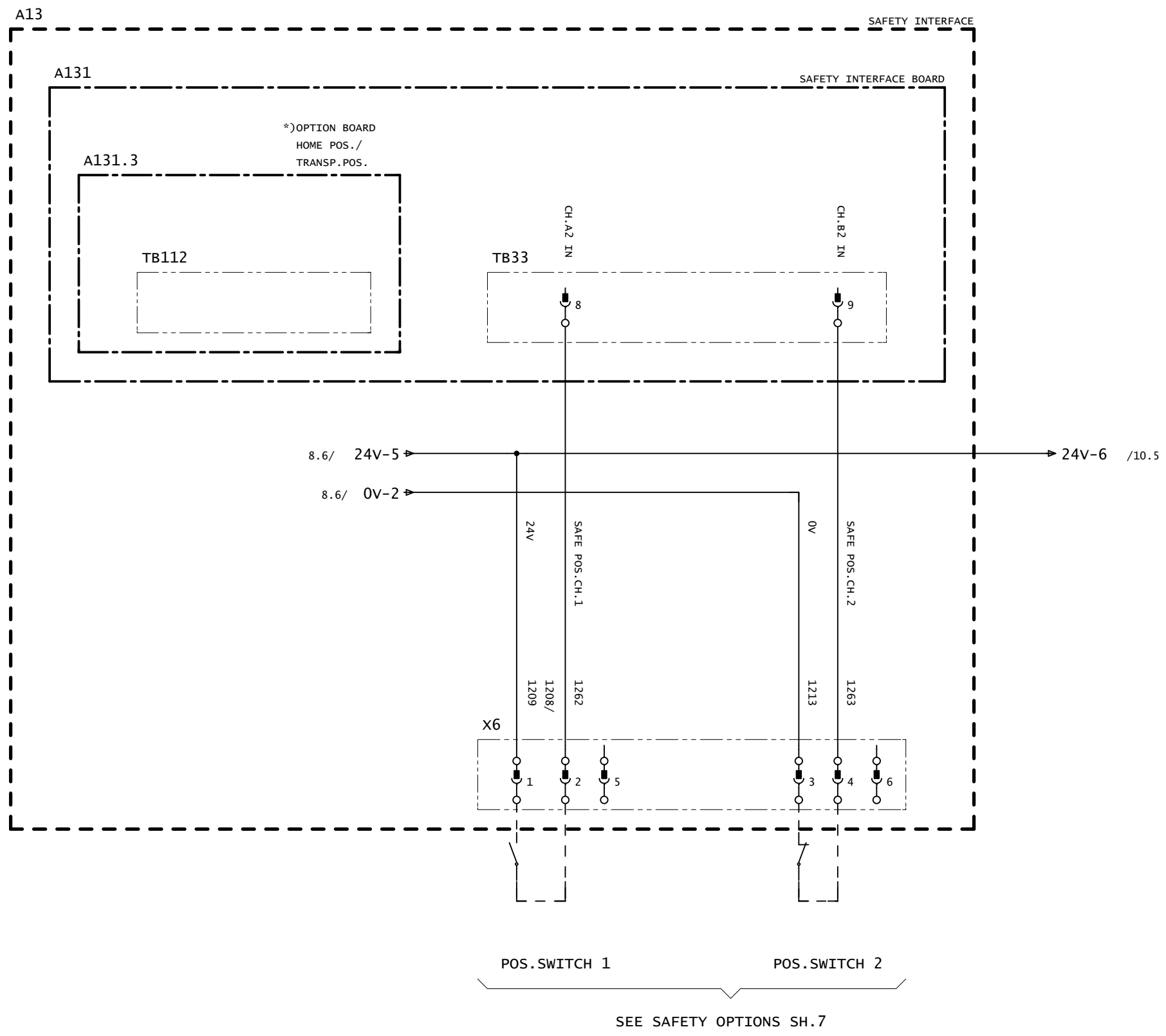
SEE SAFETY OPTIONS SH.6
SEE ROBOT CARRIER RTT 1400/2400 SH.6 & 6a

0		1		2		3		4		5		6		7		8		9	
Alteration No.		Alteration		Sign., year, month entered		CONNECTED WITH AWG 18 BU, IF NO OTHER NOTATION		Denna handling får ej utan vårt medgivande kopieras, delgivas annan eller eljest obehörigen användas. "vertr, delse beivras med st" d av g, llande lag.		ABB		CIRCUIT DIAGRAM		3HEA 800727-001 01					
								This document must not without our permission be copied, imparted to a third party or otherwise unauthorizedly used. Contravention will be prosecuted.		A/L/S		Type IRC5		Scale		Code K1R			
Year		Week		Design checked by		Accepted for prod. by		Drawing checked by		Drawn by		Projekt		Location		Sheet 9		cont. 10	
04		40		DH/BA		PL/KA		DH/AC		DH/MG									


*) OPTION BOARD ONLY
IF SAFETY OPTION
HOME/TRANSPORT POSITION

ABB Flexible Automation AB
welding Systems

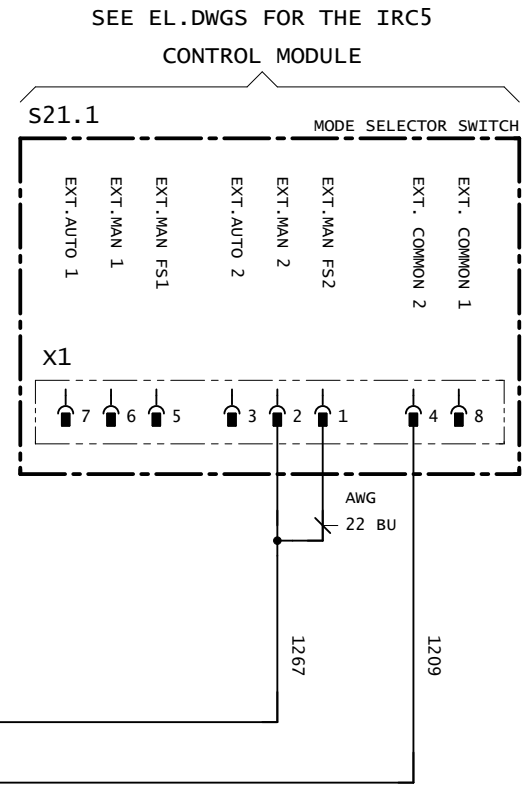
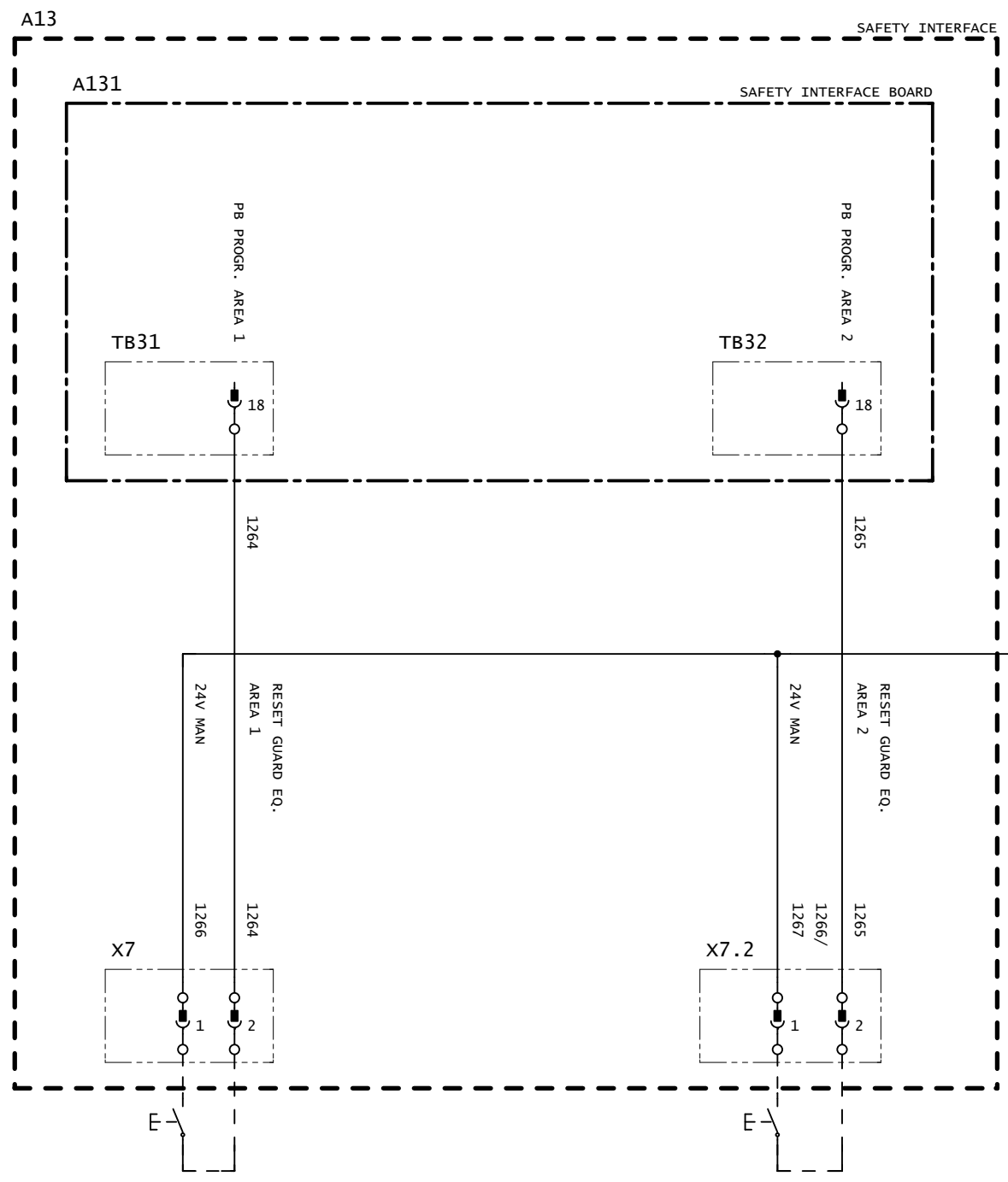
HOME POSITION / TRANSPORT POSITION



SEE SAFETY OPTIONS SH.7

0		1		2		3		4		5		6		7		8		9			
Alteration No.		Alteration		Sign., year, month entered		CONNECTED WITH AWG 18 BU, IF NO OTHER NOTATION		Denna handling får ej utan vårt medgivande kopieras, delgivas annan eller eljest obehörigen användas. "vertr, delse beivras med st" d av g, llande lag. This document must not without our permission be copied, imparted to a third party or otherwise unauthorizedly used. Con- vention will be prosecuted. ABB Flexible Automation AB welding Systems				CIRCUIT DIAGRAM SAFETY INTERFACE A/L/S		3HEA 800727-001 01		Type IRC5		Scale		Code K1R	
Year		Week		Design checked by		Accepted for prod. by		Drawing checked by		Drawn by		Projekt		Location		Sheet 10		Cont. 11			
04		40		DH/BA		PL/KA		DH/AC		DH/MG											


ACTIVATION FROM GUARDED AREAS



ACT. PUSH BUTTON AREA 1

ACT. PUSH BUTTON AREA 2

SEE SAFETY OPTIONS SH.8

0		1		2		3		4		5		6		7		8		9			
Alteration No.		Alteration		Sign., year, month entered								CIRCUIT DIAGRAM SAFETY INTERFACE A/L/S		3HEA 800727-001 01		Type IRC5		Scale		Code K1R	
Year		Week		Design checked by		Accepted for prod. by		Drawing checked by		Drawn by		Projekt		Location		Sheet 11					
04		40		DH/BA		PL/KA		DH/AC		DH/MG						cont.					

Denna handling får ej utan vårt medgivande kopieras, delgivas annan eller eljest obehörigen användas. "vertr, delse beivras med st" d av g, llande lag.

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JUMPERS CONNECTIONS / CUSTOMER CONNECTIONS

