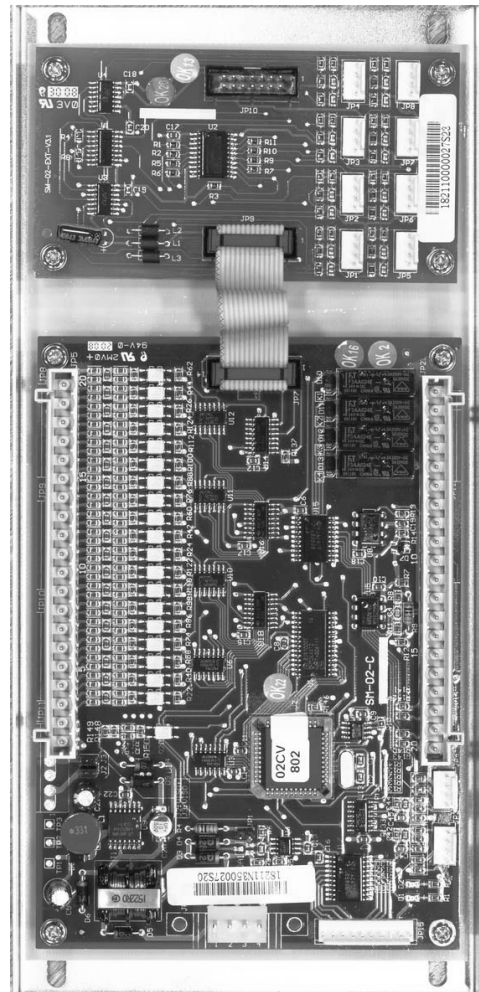
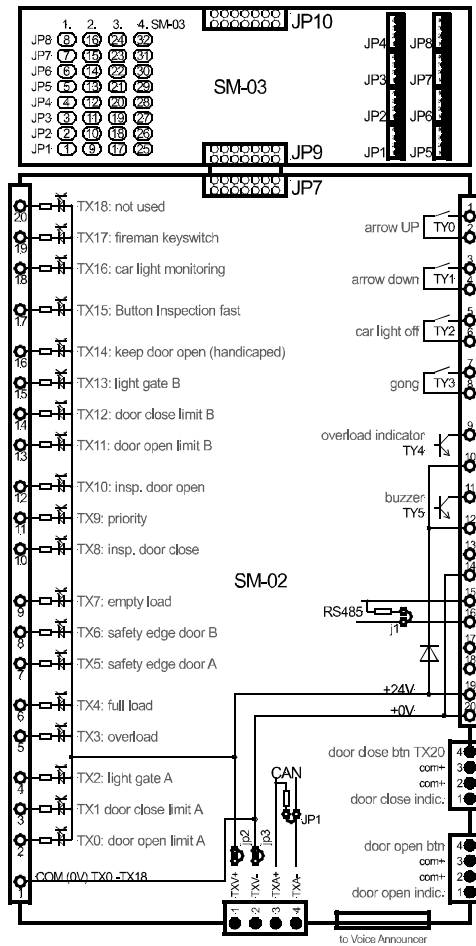


7.SM02/SM03 cabin module



Advise:

This SM02 will be replaced in future by SM02/H (in the cartop box) and SM03/G (in the COP). The trigger of the doors (open and close) won't be done anymore by SM01 in the control cabinet; this will be done by SM02/H in the cartop box. (changed configuration)

SM02 Anschlüsse

Terminal	Name	Description	Function	Advise	
JP2	1	TY0	direction upwards	relay-output	
	2	C.TY0	COM TY0		
	3	TY1	direction downwards	relay-output	
	4	C.TY1	COMTY1		
	5	TY2	Cabin light switch off	relay-output	
	6	C.TY2	COMTY2		

Manual F5021B - SM02/SM03 cabin module

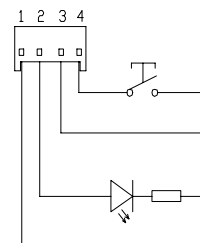
<i>Terminal</i>	<i>Name</i>	<i>Description</i>	<i>Function</i>	<i>Advise</i>	
	7	TY3	Gong (acoustic signal)	relay-output	
	8	C.TY3	COM TY3		
	9	TY4-	Overload indicator -	Transistor NPN	
	10	TY+	Overload indicator +	+24V	
	11	TY5-	Buzzer- (acoustic signal)	Transistor NPN	
	12	TY5+	Buzzer+ (acoustic signal)	+24V	
	13	AV+	Analog input 0..10V (weight measurement)		
	14	AV-	Analog input GND		
	15	D+	RS485-A	datas	
	16	D-	RS485-B	datas	
	17	-			
	18	-			
	19	+24V	Power supply optocoupler		
	20	0V			
JP3	1	TY	Indicator door-open-button -	Transistor NPN	
	2	C+	Indicator door-open-button -	+24V ü. R	
	3	C+	Door-open-button contact	+24V ü. R	
	4	TX19	Door-open-button contact	input P	
JP4	1	TY	Indicator door-close-button -	Transistor NPN	
	2	C+	Indicator door-close-button -	+24V ü. R	
	3	C+	Door-close-button contact	+24V ü. R	
	4	TX20	Door-close-button contact	input P	
JP5	1	COM	COM for the inputs from TX0 till TX18	GND	
	2	TX0	Door-open-end-switch door A	input N	
	3	TX1	Door-close-end-switch door A	input N	
	4	TX2	Light gate door A	input N	
	5	TX3	Over load switch	input N	
	6	TX4	Full load switch	input N	
	7	TX5	Return motion switch door A	input N	
	8	TX6	Return motion switch door B	input N	
	9	TX7	Empty load-switch	input N	
	10	TX8	Door-open-button inspection	input N	
	11	TX9	Priority inside	input N	
	12	TX10	Door-close-button inspection	input N	
	13	TX11	Door-open-end-switch door B	input N	
	14	TX12	Door-close-end-switch door B	input N	

<i>Terminal</i>	<i>Name</i>	<i>Description</i>	<i>Function</i>	<i>Advise</i>	
	15	TX13	Light gate door B	input N	
	16	TX14	button door keep open	input N	
	17	TX15	button inspection fast	input N	
	18	TX16	Cabin light monitoring	input N	
	19	TX17	Firedepartement-key-switch	input N	
	20	TX18	Free	input N	
JP6	1	TXV+	+24V supply SM02		
	2	TXV-	GND supply SM02		
	3	TXA+	CAN_H		
	4	TXA-	CAN_L		
JP15	1	D0	output to control of a voice announcement up to 255 announcements.	output NPN	
	2	D1		output NPN	
	3	D2		output NPN	
	4	D3		output NPN	
	5	D4		output NPN	
	6	D5		output NPN	
	7	D6		output NPN	
	8	D7		output NPN	
	9	GND	Voltage supply voice message		
	10	+24V			
JP1		Jumper for CAN Bus termination. Only if the termination is not activated yet in the cabin indicator board. (SM04)			
JP7		Connector for button-connection-module SM03			
J2/J3		In case voltage supply is only via JP6 install both bridges. In no case install if JP2.19 and JP2.20 get supplied in separate!			

SM03 button module

It is possible to connect up to eight SM03 each with 8 buttons (up to 64 floor buttons)

<i>Plug</i>	<i>SM03 Nr.1</i>	<i>SM03 Nr.2</i>	<i>...</i>	<i>SM03 Nr.8</i>
JP1	floor 1	floor 9	...	floor 57
JP2	floor 2	floor 10	...	floor 58
JP3	floor 3	floor 11	...	floor 59
JP4	floor 4	floor 12	...	floor 60
JP5	floor 5	floor 13	...	floor 61
JP6	floor 6	floor 14	...	floor 62
JP7	floor 7	floor 15	...	floor 63



<i>Plug</i>	<i>SM03 Nr.1</i>	<i>SM03 Nr.2</i>	<i>...</i>	<i>SM03 Nr.8</i>
JP8	floor 8	floor 16	...	floor 64