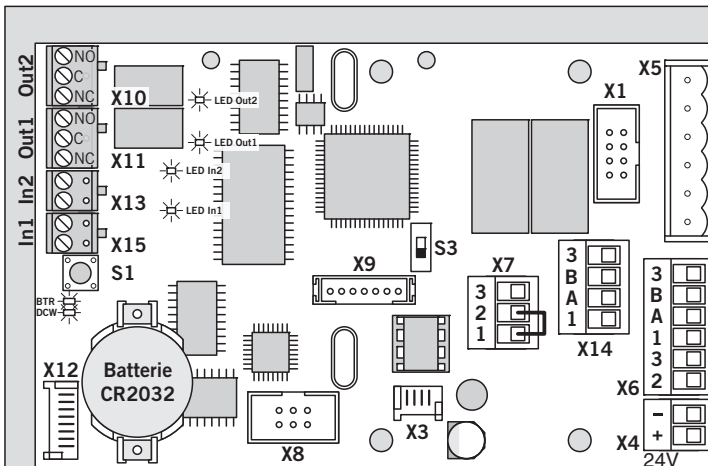


WN 056749-45532
 09/12


Elektrostatisch gefährdete Bauelemente

D

Technische Daten:

 Versorgungsspannung: 24 V DC, +10%/-5%
 stabilisiert

Stromaufnahme (bei Einbau in TL-G):

ca. 90 mA,

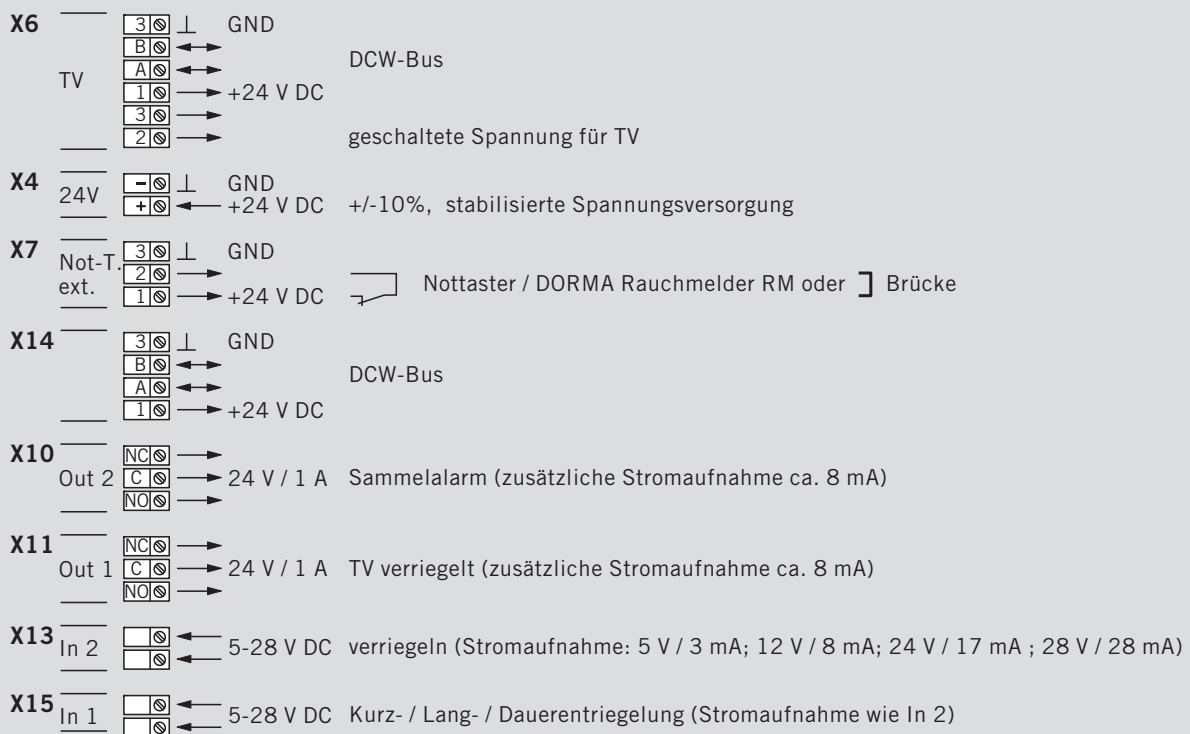
ca. 110 mA

im Alarmfall

Kontaktbelastbarkeit: 24 V DC;


0,5 A induktiv,


1,0 A ohmsch.


Beschaltung TL-S TMS 2

Beschreibung TL-S TMS 2

- X1** Verbindung zum Zusatzmodul ZM 208 DCW.
- X3** Verbindung zum internen Schlüsseltaster/-schalter.
- X4** Spannungsversorgung 24 V DC, +/- 10%
- X5** Verbindung zum Nottaster.
- X6** Verbindung zur TV / DCW.
- X7** externer Not-Taster / Rauchmelder.
- X8** PC-Schnittstelle RS 232 / LON-Adapter.
- X9** Verbindung zur Firmware-Programmierung.
- X10** Out 2
- X11** Out 1
- X12** Verbindung zur TL-OM / Beleuchtungsmodul.
- X13** In 2
- X14** Verbindung zu externen DCW-Geräten.
- X15** In 1

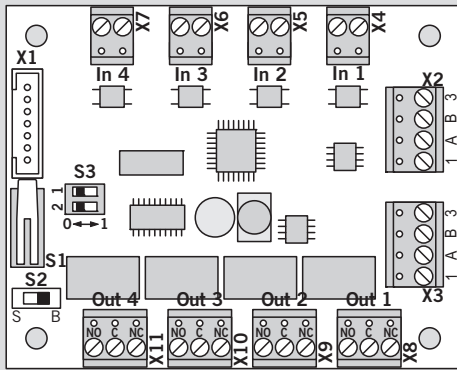
- S1** 1. Funktion: Rücksetzen der Komponenten-Tabelle (DCW-Teilnehmer) ---> Taster S1 gedrückt halten; Spannungsversorgung einschalten; Taster loslassen.
2. Funktion: Software-Reset und Laden der Werkseinstellung ---> während des Betriebs Taster länger als 8 Sek. gedrückt halten (mit akustischer Quittierung).

S3  LON oder TMS PC-Adapter

 IR-Adapter

BTR  LED blinkt = Betrieb
 LED leuchtet = Hardwarefehler
 (Reset mit S1 / 1.Funktion)

DCW  LED blitzt bei Telegrammverkehr kurz auf



Technische Daten:

Versorgungsspannung: 24 V DC, +/- 10% stabilisiert
 Stromaufnahme: ca. 50 mA
 Schaltleistung: 24 V / 1 A (30 W / 62,5 VA max.)

Beschaltung I/O-Modul DCW

	Adresse 1	Adresse 2	Adresse 3	Adresse 4
	Tableaufunktion	Allgemeinfunktion	Schleusenfunktion	SVP / Automatikfunktion
X2 3 ⊥ GND DCW ext. B ↔ A ↔ 1 ← +24 V DC				
X3 3 ⊥ DCW ext. B ↔ A ↔ 1 ←				
X4 In 1 ⊥ ⊥	Kurzzeit-entriegelung*	Gefahrenmeldezentrale (GMA)*	Zutrittskontrolle 1, Tür 1*	SVP Drücker*
X5 In 2 ⊥ ⊥	Langzeit-entriegelung*	frei parametrierbar	Sperreingang*	SVP verriegelt*
X6 In 3 ⊥ ⊥	Dauerentriegelung*	frei parametrierbar	Gegenseite (Tür 2) ist entriegelt*	SVP entriegelt*
X7 In 4 ⊥ ⊥	verriegeln*	frei parametrierbar	Kurzzeit-entriegelung*	Radarmelder*
X8 Out 1 NC → C → NO →	Voralarm (Tür offen)*	Dauerentriegelung aktiv*	frei parametrierbar	Ansteuerung SVP*
X9 Out 2 NC → C → NO →	Hauptalarm (Tür offen)*	frei parametrierbar	frei parametrierbar	Türkontakt*
X10 Out 3 NC → C → NO →	Nottaster betätigt*	frei parametrierbar	TV verriegelt / verriegelt*	ED Impuls wenn SVP entriegelt*
X11 Out 4 NC → C → NO →	verriegelt*	frei parametrierbar	frei parametrierbar	ED Radar bei Langzeit- und Dauerentriegelung*

Beschreibung I/O-Modul DCW

X1 Verbindung zur Firmware-Programmierung

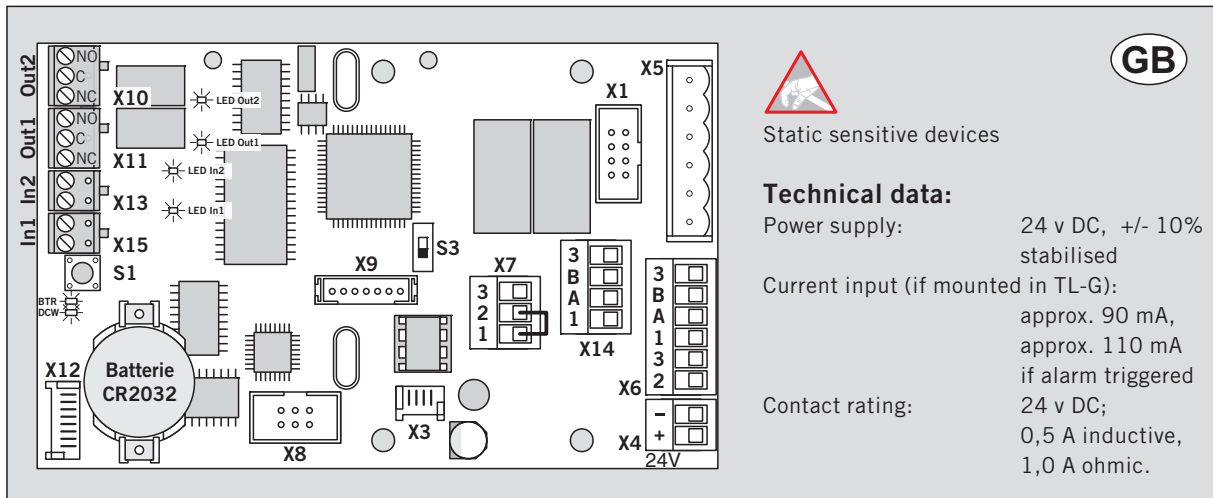
S1 Gehäuse-Sabotagekontakt

S2 B = Betrieb (Gehäuse-Sabotagekontakt aktiviert);
 S = Service (Gehäuse-Sabotagekontakt abgeschaltet)

S3 Mikro-Schalter zur Einstellung der Komponentenadressen:

Schalter	Adresse	
1	2	
0	0	1
1	0	2
0	1	3
1	1	4

* oder frei parametrierbar







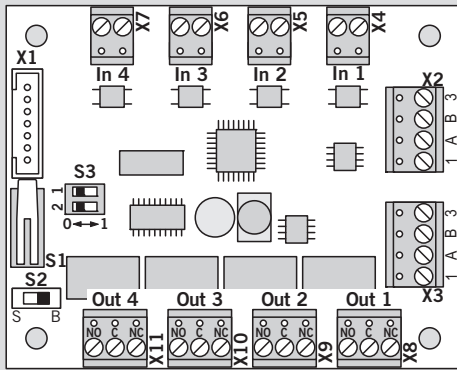
Terminal connections TL-S TMS 2

X6	<table border="0"> <tr><td>3</td><td>⊥</td><td>GND</td></tr> <tr><td>B</td><td>←</td><td rowspan="2">DCW bus</td></tr> <tr><td>A</td><td>←</td></tr> <tr><td>1</td><td>→</td><td>+24 v DC</td></tr> <tr><td>3</td><td>→</td><td rowspan="2">Switched supply for TV (Emergency Off Circuit)</td></tr> <tr><td>2</td><td>→</td></tr> </table>	3	⊥	GND	B	←	DCW bus	A	←	1	→	+24 v DC	3	→	Switched supply for TV (Emergency Off Circuit)	2	→
3	⊥	GND															
B	←	DCW bus															
A	←																
1	→	+24 v DC															
3	→	Switched supply for TV (Emergency Off Circuit)															
2	→																
X4	<table border="0"> <tr><td>-</td><td>⊥</td><td>GND</td></tr> <tr><td>+</td><td>←</td><td>+24 v DC +/-10%, stabilised power supply</td></tr> </table>	-	⊥	GND	+	←	+24 v DC +/-10%, stabilised power supply										
-	⊥	GND															
+	←	+24 v DC +/-10%, stabilised power supply															
X7	<table border="0"> <tr><td>3</td><td>⊥</td><td>GND</td></tr> <tr><td>2</td><td>→</td><td rowspan="2">Emergency pushbutton / DORMA smoke detector RM or] jumper</td></tr> <tr><td>1</td><td>→</td><td>+24 v DC</td></tr> </table>	3	⊥	GND	2	→	Emergency pushbutton / DORMA smoke detector RM or] jumper	1	→	+24 v DC							
3	⊥	GND															
2	→	Emergency pushbutton / DORMA smoke detector RM or] jumper															
1	→		+24 v DC														
X14	<table border="0"> <tr><td>3</td><td>⊥</td><td>GND</td></tr> <tr><td>B</td><td>←</td><td rowspan="2">DCW bus</td></tr> <tr><td>A</td><td>←</td></tr> <tr><td>1</td><td>→</td><td>+24 v DC</td></tr> </table>	3	⊥	GND	B	←	DCW bus	A	←	1	→	+24 v DC					
3	⊥	GND															
B	←	DCW bus															
A	←																
1	→	+24 v DC															
X10	<table border="0"> <tr><td>NC</td><td>→</td><td rowspan="3">Out 2</td></tr> <tr><td>C</td><td>→</td><td>24 v / 1 A Alarm (additional current input approx. 8 mA)</td></tr> <tr><td>NO</td><td>→</td><td></td></tr> </table>	NC	→	Out 2	C	→	24 v / 1 A Alarm (additional current input approx. 8 mA)	NO	→								
NC	→	Out 2															
C	→		24 v / 1 A Alarm (additional current input approx. 8 mA)														
NO	→																
X11	<table border="0"> <tr><td>NC</td><td>→</td><td rowspan="3">Out 1</td></tr> <tr><td>C</td><td>→</td><td>24 v / 1 A TV locked (additional current input approx. 8 mA)</td></tr> <tr><td>NO</td><td>→</td><td></td></tr> </table>	NC	→	Out 1	C	→	24 v / 1 A TV locked (additional current input approx. 8 mA)	NO	→								
NC	→	Out 1															
C	→		24 v / 1 A TV locked (additional current input approx. 8 mA)														
NO	→																
X13	<table border="0"> <tr><td></td><td>←</td><td rowspan="2">In 2</td></tr> <tr><td></td><td>←</td><td>5-28 v DC To lock (current input: 5 V / 3 mA; 12 V / 8 mA; 24 V / 17 mA ; 28 V / 28 mA)</td></tr> </table>		←	In 2		←	5-28 v DC To lock (current input: 5 V / 3 mA; 12 V / 8 mA; 24 V / 17 mA ; 28 V / 28 mA)										
	←	In 2															
	←		5-28 v DC To lock (current input: 5 V / 3 mA; 12 V / 8 mA; 24 V / 17 mA ; 28 V / 28 mA)														
X15	<table border="0"> <tr><td></td><td>←</td><td rowspan="2">In 1</td></tr> <tr><td></td><td>←</td><td>5-28 v DC Short-time- / Long-time- / Permanent unlocking (current input as In 2)</td></tr> </table>		←	In 1		←	5-28 v DC Short-time- / Long-time- / Permanent unlocking (current input as In 2)										
	←	In 1															
	←		5-28 v DC Short-time- / Long-time- / Permanent unlocking (current input as In 2)														

Description TL-S TMS 2

- X1** Connection to additional modul ZM 208 TMS.
- X3** Connection to internal key switch.
- X4** Power supply 24 v DC, +/- 10%
- X5** Connection to emergency pushbutton.
- X6** Connection to TV / DCW.
- X7** External emergency pushbutton / smoke detector.
- X8** PC-Interface RS 232 / LON-Adapter.
- X9** Connection to the firmware programming system.
- X10** Out 2
- X11** Out 1
- X12** Connection to TL-OM / lighting modul.
- X13** In 2
- X14** Connection to external DCW-Devices.
- X15** In 1

- S1** 1. function: reset the table of components (DCW-participations) ---> keep the button S1 pushed; switch on power input; release the button.
2. function: software reset and loading defaults ---> during operation keep the button pushed more than 8 sec. (with audible acknowledgement).
- S3**  LON or TMS PC-Adapter
 IR-Adapter
- BTR**  LED flashes = operation
LED lights = hardware failure (reset via S1 / 1. function)
- DCW**  LED flashes short at telegram traffic



Technical data:

Power supply: 24 v DC, +/- 10% stabilised
 Current input: approx. 50 mA
 Switch output: 24 v / 1 A (30 W / 62,5 VA max.)

Terminal connections I/O-Modul DCW

	Address 1	Address 2	Address 3	Address 4
	Tableau function	General function	Interlock control function	SVP / Automatic function
X2 3 ⊥ GND DCW ext. B ↔ A ↔ 1 ← +24 v DC				
X3 3 ⊥ DCW ext. B ↔ A ↔ 1 ←				
X4 In 1 ←	Short-time unlocking*	fire hazard alert system*	Access control 1, door 1*	SVP lever handle*
X5 In 2 ←	Long-time unlocking*	free programmable	Disable input*	SVP locked*
X6 In 3 ←	Permanent unlocking*	free programmable	Opposite station (door 2) unlocked*	SVP unlocked*
X7 In 4 ←	lock*	free programmable	Short-time unlocking*	Radar detector*
X8 Out 1 NC → C → NO →	Pre-alarm (door open)*	Permanent unlocking activated*	free programmable	Activation SVP*
X9 Out 2 NC → C → NO →	Main alarm (door open)*	free programmable	free programmable	Door contact*
X10 Out 3 NC → C → NO →	Emergency push button depressed*	free programmable	TV locked / unlocked*	ED Impuls if SVP is unlocked*
X11 Out 4 NC → C → NO →	locked*	free programmable	free programmable	ED Radar if TMS is longtime or permanent deactivated*

Description I/O-Modul DCW

- X1** Connection to the firmware programming system
- S1** Housing anti-tamper / anti-sabotage contact
- S2** B = Operation (Housing anti-tamper contact activated); S = Service (Housing anti-tamper contact deactivated)
- S3** Micro-switches for setting the device address:

Switch	Address
1 2	
0 0	1
1 0	2
0 1	3
1 1	4

* or free programmable

Subject to change without notice