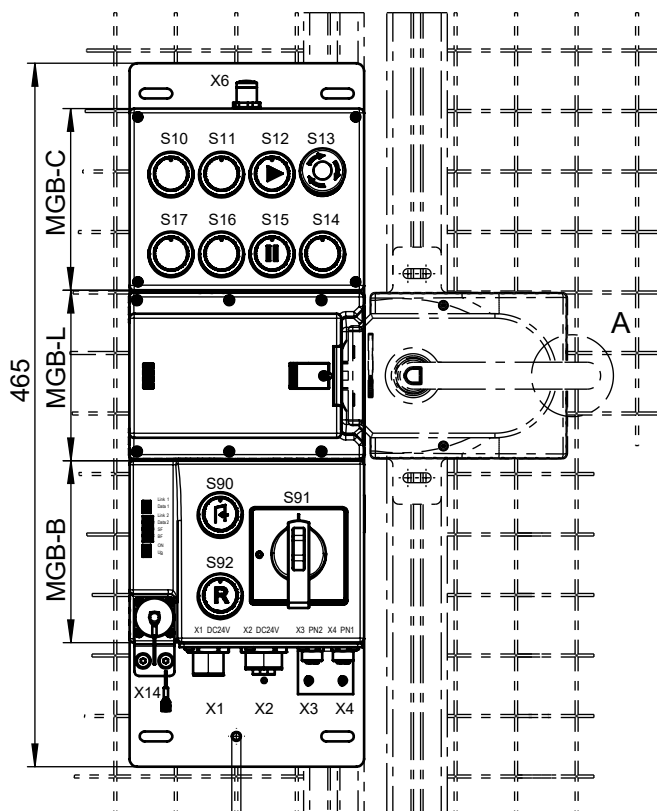


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Maße in mm / Dimensions in mm

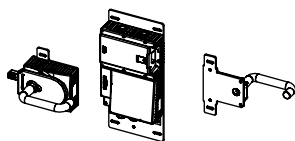
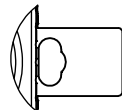
...-R-...



Inklusive Me
Funktionserde
Including
functional earth

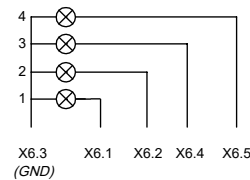
Detail A

**Sperrverriegelung im
ausgefahrenen Zustand
Automatic lockoutbar in
"open" position.**



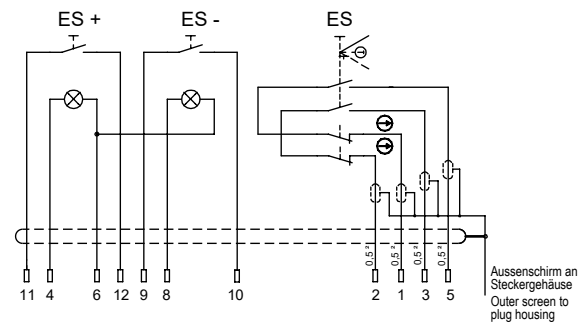
X1 / X2 7/8" Power
X3 / X4 M12 D-coded
(IEC 61076-2-101)

X6 (Signal stack modul)
M12 5-polig (Buchse) - ausgerichtet
M12 5-pin (female) - aligned

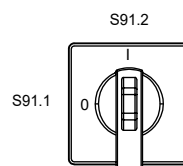
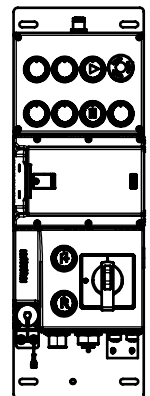


X14 RC12 (Buchse/ female)
ES (Zustimmtaster / Enabling Switch)

z.B. ZSB077029
Anschlussbelegung / PIN assignment



...



S91
Betriebsarten-
wahlschalter
Operating mode
selector switch

Position		Bit		
		7	6	5
S91.1	0	0	1	1
S91.2	1	1	0	1

	MGB-H	MGB-L...	MGB-E..	Türanschlag Door hinge	S10, 11, 16, 17 Taster beleuchtet Button illuminated	S12 Taster beleuchtet Button illuminated	S13	S14 Taster beleuchtet Button illuminated	S15 Taster beleuchtet Button illuminated	S90 Taster beleuchtet Button illuminated	S91	S92 Taster beleuchtet Button illuminated
MGB-L1CB-PNA-R-124818		X		R	WEISS WHITE		NOT-HALT Taster beleuchtet	WEISS WHITE			Betriebsarten- wahlschalter	BLAU BLUE
MGB-L1HECB-PNA-R-124819	X	X	X									
MGB-L2CB-PNA-R-157121		X										
MGB-L2HECB-PNA-R-157122	X	X	X									
MGB-L1CB-PNA-L-124820		X		L		GRÜN GREEN	Emergency stop illuminated		GELB YELLOW	WEISS WHITE	Operating mode selector switch	
MGB-L1HECB-PNA-L-124821	X	X	X									
MGB-L2CB-PNA-L-157124		X										
MGB-L2HECB-PNA-L-157125	X	X	X									

Betriebsanleitung beachten

(Datenstruktur Typ B)
(bei Abweichungen zwischen
Datenblatt u. Betriebsanleitung
gelten die Daten des Datenblattes)

Please observe operating instructions

(Data structure type B)
(in case of disagreement between data
sheet and operating instructions, the information
of the data sheet are to be considered)

Maße in mm / Dimensions in mm



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PROFINET

*Datenbytes
(Datenblöcke für
nicht sichere
Funktion)*

*Data bytes
(data blocks for
unsafe functions)*

Eingangsbereich / Input range:		Bit	7	6	5	4	3	2	1	0
MGB-B	Slot 1	Byte 0	-	-	-	-	-	S92	-	S90
		Byte 1	-	-	-	-	-	-	-	-
MGB-C	Slot 2	Byte 0	S17	S16	S15	S14	-	S12	S11	S10
		Byte 1	-	-	-	-	-	-	-	-
Emergency stop	Slot 4	Byte 0	-	-	-	-	-	-	-	S13
MGB-L	Slot 5	Byte 0	ÜK	SK	-	-	-	Z	R	T
Operating mode sel.	Slot 6	Byte 0	-	-	-	-	-	S91	S91	S91
Enabling switch	Slot 7	Byte 0	Holder	ES -	ES +	-	-	-	-	ES
Diagnostics	Slot 8	Byte 0	-	-	E	E	E	E	E	E
Ausgangsbereich / Output range:		Bit	7	6	5	4	3	2	1	0
MGB-B	Slot 1	Byte 0	-	-	-	-	-	H92	-	H90
MGB-C	Slot 2	Byte 0	H17	H16	H15	H14	H13	H12	H11	H10
Signal stack modul	Slot 3	Byte 0	-	-	-	-	X6.5	X6.4	X6.2	X6.1
Emergency stop	Slot 4	Byte 0	-	-	-	-	-	-	-	H13
MGB-L	Slot 5	Byte 0	-	-	-	-	-	-	-	S
Operating mode sel.	Slot 6	Byte 0	-	-	-	-	-	-	-	-
Enabling switch	Slot 7	Byte 0	-	-	-	-	-	-	ES -	ES +
Diagnostics	Slot 8	Byte 0	-	-	-	-	-	-	Reset	Q

PROFIsafe

*Datenbytes
(Datenblöcke für
sichere Funktion)*

*data bytes
(data blocks for
safe functions)*

Eingangsbereich / Input range:		Bit	7	6	5	4	3	2	1	0	
SAFETY	Slot 9	Byte 0	S91	S91	S91	Z	R	T	ES	S13	
		Byte 1	-	-	-	-	-	-	ÜK	SK	
		Byte 2-5 PROFIsafe intern genutzt (Steuerbyte, CRC usw.) Used within Profisafe (control byte, CRC etc.)									
Ausgangsbereich / Output range:		Bit	7	6	5	4	3	2	1	0	
SAFETY	Slot 9	Byte 0	-	-	-	-	-	-	-	-	S
		Byte 1	-	-	-	-	-	-	-	-	-
		Byte 2-5 PROFIsafe intern genutzt (Statusbyte, CRC usw.) Used within Profisafe (status byte, CRC etc.)									

ÜK = T and R and Z

SK = T and R

L = Lebensdauer / Life

Z = Zuhaltung / guard locking

R = Riegelstellung / bolt position

T = Türstellung / door position

E = Gerätediagnose / Device diagnosis

Q = Quittierung / Acknowledgement

S = Zuhaltenmagnet / Guard locking solenoid