

Plug-in cardholder

- For fast mounting of Eurocards
- Screw terminals
- 48 and 64 pins

DESCRIPTION

The plug-in cardholder type A has guides side-ways and a connector strip to take up Wandfluh electronic cards. The pins of the connector strip are connected to easily accessible screw terminals. The plug-in cardholder type B is designed especially for the ED2 controller card. For connection easily accessible spring loaded clamps and D-SUB connectors are provided.

FUNCTION

The plug-in cardholder serves as a mount for electronic cards and makes assembly easy.

APPLICATION

The plug-in cardholder is used where no 19"-rack is available. Fixation with 4 screws or clipped onto a dome rail.

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TYPE CODE

		Z	05	□	-	□	-	□	#	□
Accessory										
Plug-in cardholder										
Type A				A						
Type B				B						
Number of pins										
48-pins, design F				F48						
64-pins, design C				C64						(only type A)
Fixation with screws						0				(only Typ A)
Snapped onto dome or c-rail						1				(only Typ A)
Screw fixation or snapped onto dome rail						2				(only Typ B)
Design-Index (Subject to change)										

CHARACTERISTICS TYPE A

Housing	Plastic, Makrolon 6385
Colour	grey RAL 7016
Ambient temperature	0...+80°C
Flammability class	to UL 94 V0
Weight	300 g
Connection to card	multi-pin socket DIN 41612, design F 48 pins or design C 64 pins
Connection to application side	Screw terminals for cable 0,13...2,5 mm ² , AWG 26-14
Fixation	With 4 screws or snapped on with combined clip for 35mm dome or c-Rail to DIN 46277

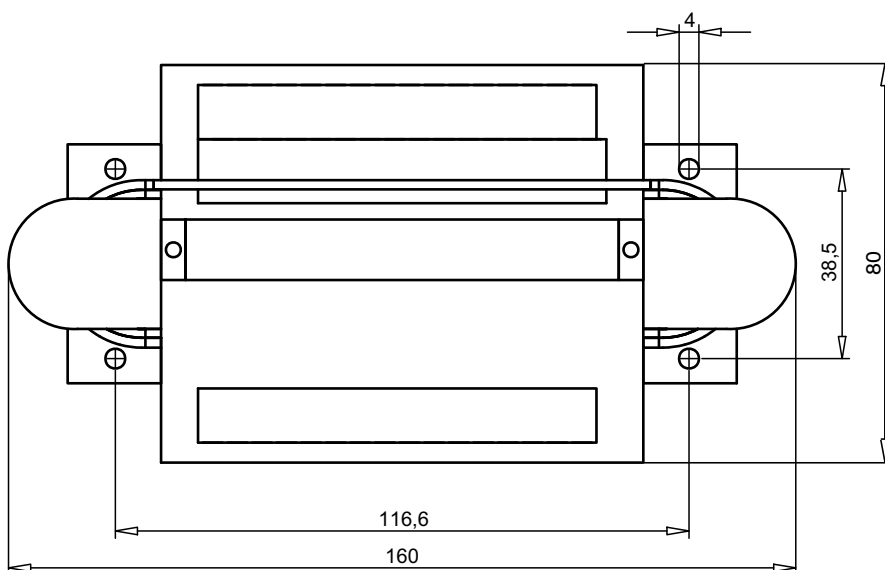
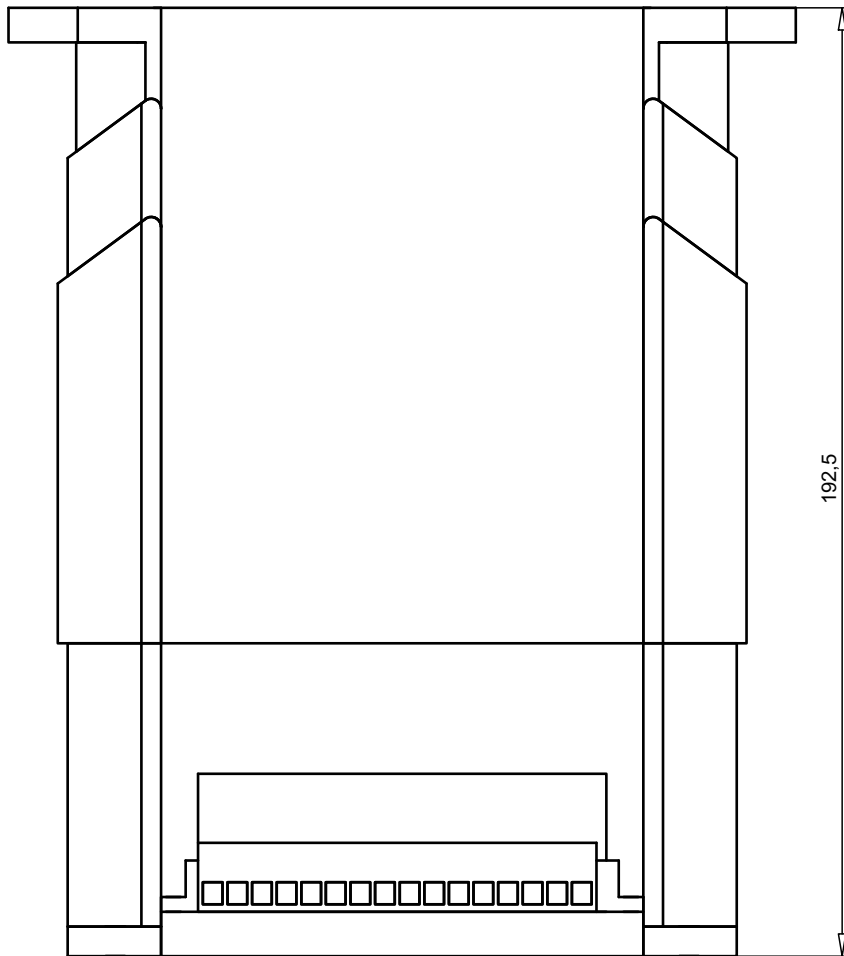
CHARACTERISTICS TYPE B

Housing	Plastic, ASB shock proof
Colour	grey RAL 7035
Ambient temperature	0...+75°C
Flammability class	to UL 94 HB / 1,6
Weight	760 g
Connection to card	2 multi-pins socket DIN 41 612, design F 48-polig
Connection to application side	spring loaded clamps for cable 0,13...1,5mm ² , 2 D-SUB connector, 9-pins (male) 2 D-SUB connector, 9-pins (female)
Fixation	With 4 screws or snapped onto a 35 mm dome rail to DIN 46 277

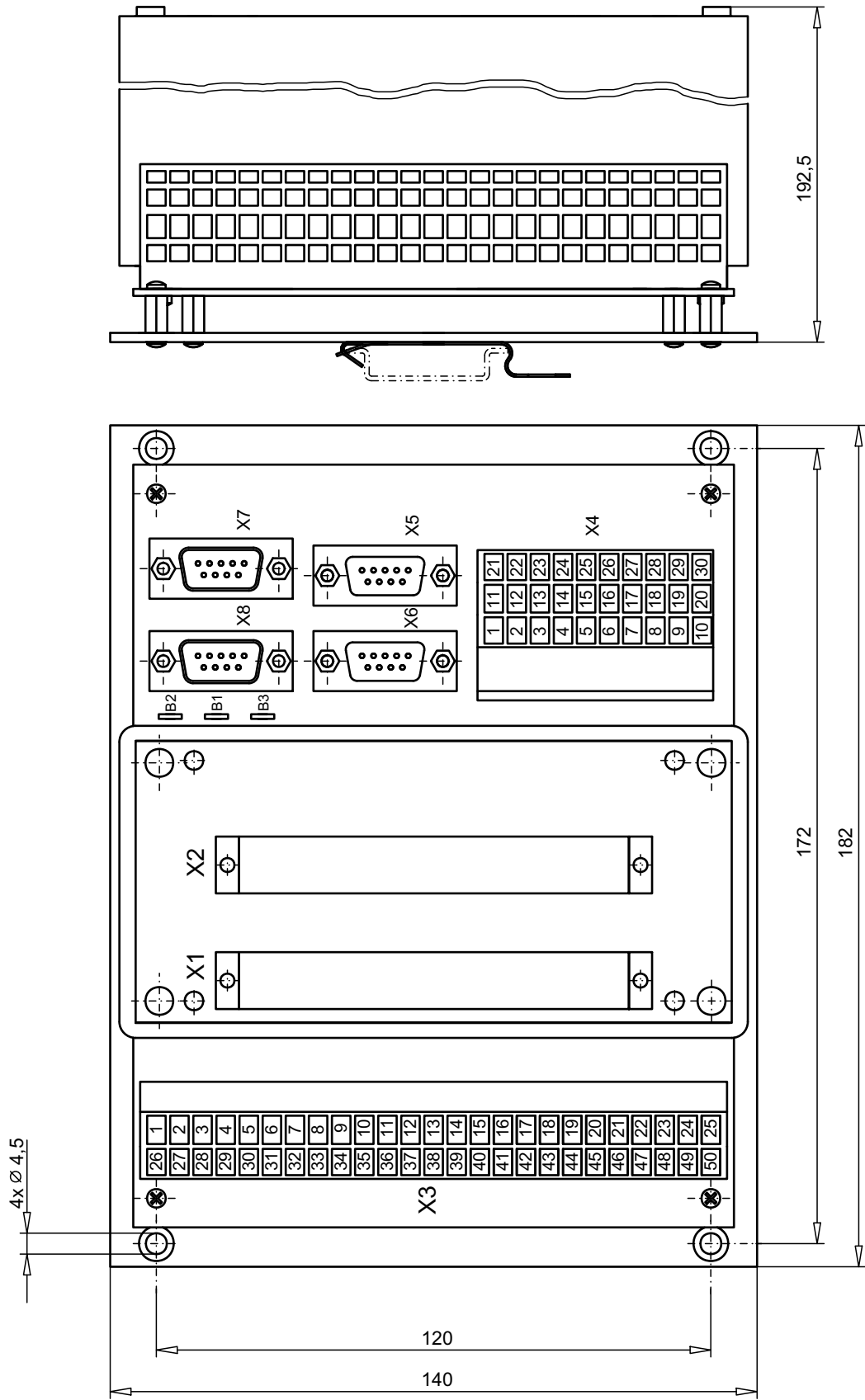
APPLICATION

Z05A-C64-	E04, E05
Z05A-F48-	ED1
Z05B-F48-2	ED2, ED3

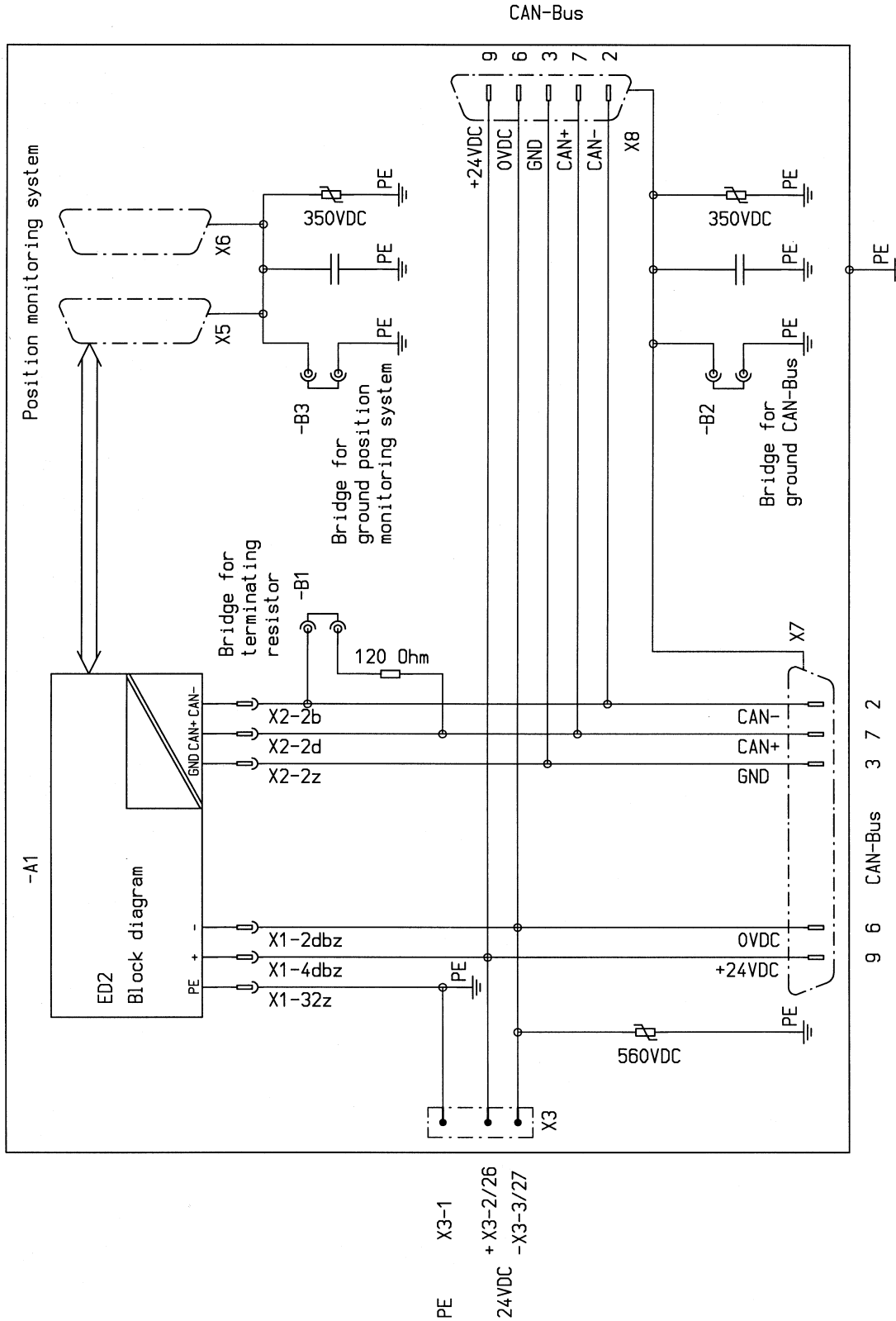
DIMENSIONS TYPE A



DIMENSIONS TYPE B



BLOCK DIAGRAM TYPE B
Ground connections CAN-Bus



ADDITIONAL INFORMATION

Wandfluh Electronics, general

1.13

CONNECTION INSTRUCTION TYP B
Assigned terminal / pin X3

Screw terminal number	Screw terminal denomination	PIN Connector strip	Screw terminal number	Screw terminal denomination	PIN Connector strip
26	Supply +24VDC	X1-4dbz	1	Ground	X1-32z
27	Supply 0VDC	X1-2dbz	2	Supply +24VDC	X1-4dbz
28	Digital GND	X1-6z	3	Supply 0 VDC	X1-2dbz
29	Supply Digital output -	X1-6b	4	Output + 24VDC	X1-6d
30	Digital output 1	X1-8b	5	Supply Digital output +	X1-8d
31	Digital output 3	X1-10d	6	Digital output 2	X1-8z
32	Digital output 5	X1-10z	7	Digital output 4	X1-10b
33	Solenoid output A +	X1-12d	8	Digital output 6	X1-12z
34	Solenoid output B +	X1-14d	9	Solenoid output A -	X1-12b
35	Solenoid output C +	X1-14z	10	Solenoid output B -	X1-14b
36	Solenoid output D +	X1-16d	11	Solenoid output C -	X1-16z
37	Digital input 1	X1-18d	12	Solenoid output D -	X1-16b
38	Digital input 3	X1-18z	13	Digital input 2	X1-18b
39	Digital input 5	X1-20b	14	Digital input 4	X1-20d
40	Digital input 7	X1-22d	15	Digital input 6	X1-20z
41	Digital input 9	X1-22z	16	Digital input 8	X1-22b
42	Digital input 11	X1-24b	17	Digital input 10	X1-24d
43	Digital input 13	X1-26d	18	Digital input 12	X1-24z
44	Digital input 15	X1-26z	19	Digital input 14	X1-26b
45	Digital input 17	X1-28b	20	Digital input 16	X1-26d
46	Digital common	X1-30z	21	Digital input 18	X1-28z
47	+5VDC Output	X1-32d	22	Digital common	X1-30z
48	-15VDC Output	X1-30b	23	+15 VDC Output	X1-30d
49	RS 232C RxD	X2-12b	24	RS 232C TxD	X2-12d
50	reserved	X2-18z	25	RS 232C GND	X2-12z

Assigned terminal / pin X4

Sc. ter. no.	Screw terminal denomination	PIN Connec. strip	Sc. ter. no.	Screw terminal denomination	PIN Connec. strip	Sc. ter. no.	Screw terminal denomination	PIN Connec. strip
1	Aux 1	X2-16d	11	Aux 3	X2-16z	21	Aux 5	X2-14d
2	Aux 2	X2-16b	12	Aux 4	X2-14z	22	Aux 6	X2-14b
3	Analog input 8 -	X2-20b	13	Analog input 8+	X2-20d	23	Analog output 1	X2-18d
4	Analog input 7 -	X2-20z	14	Analog input 7+	X2-22z	24	Analog output 2	X2-18b
5	Analog input 6 -	X2-22b	15	Analog input 6+	X2-22d	25	Analog GND	X2-26z/24z
6	Analog input 5 -	X2-24b	16	Analog input 5+	X2-24d	26	Analog GND	X2-26z/24z
7	Analog input 4 -	X2-26b	17	Analog input 4+	X2-26d	27	Analog GND	X2-26z/24z
8	Analog input 3 -	X2-28b	18	Analog input 3+	X2-28d	28	Analog GND	X2-26z/24z
9	Analog input 2 -	X2-28z	19	Analog input 2+	X2-30z	29	+10VDC Output	X2-32d
10	Analog input 1 -	X2-30b	20	Analog input 1+	X2-30d	30	-10VDC Output	X2-32b

Assigned terminal / pin X5 (position monitoring system 1)

Screw terminal number	Screw terminal denomination	PIN Connector strip
1	Mes 1 +	X2-4d
2	Mes 1 -	X2-4b
3	Mes 2 +	X2-4z
4	Mes 2 -	X2-6z
5	Mes 5 +	X2-6d
6	Mes 5 -	X2-6b
7	+5VDC Output	X1-32d
8	Digital GND	X1-6z
9	+ 24VDC Output	X1-6d

Assigned terminal / pin X6 (position monitoring system 2)

Screw terminal number	Screw terminal denomination	PIN Connector strip
1	Mes 3 +	X2-8d
2	Mes 3 -	X2-8b
3	Mes 4 +	X2-8z
4	Mes 4 -	X2-10z
5	Mes 6 +	X2-10d
6	Mes 6 -	X2-10b
7	+5VDC Output	X1-32d
8	Digital GND	X1-6z
9	+ 24VDC Output	X1-6d

Assigned terminal / pin X7 (CAN)

Screw terminal number	Screw terminal denomination	PIN Connector strip
1	NC	
2	CAN low	X2-2b
3	CAN GND	X2-2z
4	NC	
5	NC	
6	OV	X1-2dbz
7	CAN high	X2-2d
8	NC	
9	+ 24V	X1-4dbz

Assigned terminal / pin X8 (CAN)

Screw terminal number	Screw terminal denomination	PIN Connector strip
1	NC	
2	CAN low	X2-2b
3	CAN GND	X2-2z
4	NC	
5	NC	
6	OV	X1-2dbz
7	CAN high	X2-2d
8	NC	
9	+ 24V	X1-4dbz

Jumper

	open	plugged in
B1	CAN unterminated	CAN terminated
B2	Shield CAN open	Shield CAN to ground
B3	Shield position monitoring system 1+2 open	Shield position monitoring system 1+2 to ground