MINMILE
Smart Technology

- Used in chemical, oil refining, oil exploitation, offshore oil platforms, oil tankers, military and other hazardous areas, Particularly suitable for on-site heating system installation distribution.
- Beautiful appearance with stainless steel material enclosure and exposed fastener.
- Different installation methods such as hanging and embedded, heat tracing bracket installation and different incoming cables such as rubber cable, armored cable and heating cable.



Model Identification

Exe explosion-proof junction box (e type)

MAMJB04-G - A - B - CD - CD-CD - ..... - E - F

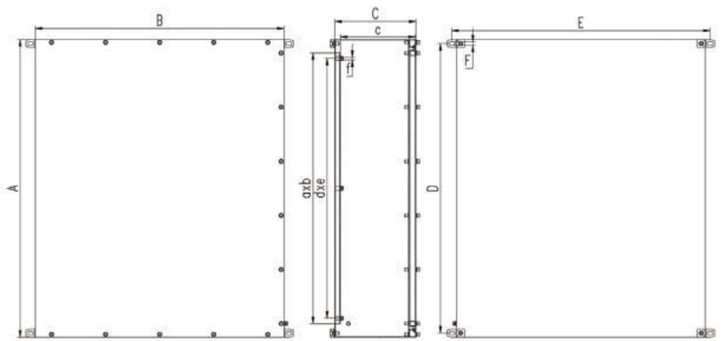
MAMJB04-B	A	B	C	C	E	F
Stands for increased safety explosion-proof junction box made of stainless steel	A: Terminal Quantity	B: Terminal current (If different current mixed, write 0)	C: Cable incoming direction D=Down U=Upper L=Left R=Right D: Relevant cable gland quantity and specification	C: Cable incoming direction D=Down U=Upper L=Left R=Right D: Relevant cable gland quantity and specification	E: Profile code （01\02\03\04 \05\06\07 ___）	F: heat tracing bracket type, bracket code P1 = Single-core bracket P3=Three-core bracket S1 = stainless steel 304 S2 = stainless steel 316 no remarks required for non-heat tracing bracket type.

For example: explosion-proof junction box, stainless steel 304 housing material, increased safety type, using 26 Weidmüller 20A terminals, 3xM25 holes on the top, 2xM20 holes on the right , enclosure shape code 05, with heat bracket type, bracket material SS304, the model number is MAMJB04-G-26-20-UM25-RM20-05-S1.

General Technical Parameters

Explosion protection Gas explosion protection Dust explosion protection	GB/IECEx	ATEX
	Ex eb IIC T6...T4 Gb, Ex tb IIIC T80℃ Db	II 2G Ex eb IIC T6...T4 Gb II 2D Ex tb IIIC T80°C Db
Conformity to standards	GB：GB/T 3836.1-2021,GB/T 3836.2-2021,GB/T 3836.31-2021 IECEx：IEC 60079-0:2017,IEC 60079-1:2014-06,IEC 60079-31:2013 ATEX：EN IEC 60079-0:2018, EN IEC 60079-1:2014,EN IEC60079-31:2014	
Enclosure Material	Q235、SS304、SS316、SS316L	
Ambient Temp. IP and Anti-corrosion rate	-60℃~+60℃、IP66、WF2	
The material of Exposed fastener	SS304/SS316 stainless steel	
General power supply	MAX.AC1100V,DC1500V MAX.1100A	

● Product appearance and installation schematic dimension



Code	Version	Appearance dimensions			Mouting plate size			Bottom installing holes dimensions			Installing bracket dimensions		
		A	B	C	a	b	c	d	e	f	D	E	F
01	150×150×80	150	150	80	90	90	59.5	70	70	M5	120	186	11
02	150×150×110	150	150	110	90	90	89.5	70	70	M5	120	186	11
03	200×200×120	200	200	120	130	130	99	100	100	M5	170	236	11
04	200×300×150	200	300	150	130	230	129	100	200	M5	170	336	11
05	200×300×200	200	300	200	130	230	179	100	200	M5	170	336	11
06	250×350×150	250	350	150	170	270	125	140	240	M6	220	386	11
07	250×350×200	250	350	200	170	270	175	140	240	M6	220	386	11
08	280×280×150	280	280	150	200	200	125	170	170	M6	250	316	11
09	280×280×200	280	280	200	200	200	175	170	170	M6	250	316	11
10	300×300×120	300	300	120	220	220	95	190	190	M6	270	336	11
11	300×450×150	300	450	150	220	370	125	190	340	M6	270	476	11
12	300×450×200	300	350	200	220	370	175	190	340	M6	270	476	11
13	300×560×150	300	560	150	220	480	125	190	450	M6	270	586	11
14	300×560×200	300	560	200	220	480	175	190	450	M6	270	586	11
15	350×350×150	350	350	150	270	270	125	240	240	M6	320	386	11
16	350×350×200	350	350	200	270	270	175	240	240	M6	320	386	11
17	350×700×150	350	700	150	270	620	124	240	590	M6	320	726	11
18	350×700×200	350	700	200	270	620	174	240	590	M6	320	726	11
19	380×380×120	380	380	120	300	300	95	270	270	M6	350	416	11
20	440×440×150	440	440	150	360	360	125	330	330	M6	410	476	11
21	450×450×150	450	450	150	370	370	125	340	340	M6	420	486	11
22	450×450×200	450	450	200	370	370	175	340	340	M6	420	486	11
23	450×560×150	450	560	150	360	470	124	330	440	M6	420	596	11
24	450×560×200	450	560	200	360	470	174	330	440	M6	420	596	11
25	500×500×150	500	500	150	410	410	124	380	380	M6	470	536	11
26	500×500×200	500	500	200	410	410	174	380	380	M6	470	536	11
27	560×700×200	560	700	200	470	610	174	440	580	M6	530	736	11
28	560×700×300	560	700	300	470	610	274	440	580	M6	530	736	11
29	700×900×200	700	900	200	608	808	174	568	768	M8	670	936	11
30	700×900×300	700	900	300	608	808	274	568	768	M8	670	936	11
31	740×560×150	740	560	150	660	480	123.5	620	440	M6	710	596	11
32	740×560×200	740	560	200	660	480	173.5	620	440	M6	710	596	11
33	920×740×200	920	740	200	820	640	174	780	600	M8	890	776	13
34	920×740×300	920	740	300	820	640	274	780	600	M8	890	776	13
35	1100×920×200	1100	920	200	1000	820	173.5	960	780	M8	1070	956	13
36	1100×920×300	1100	920	300	1000	820	273.5	960	780	M8	1070	956	13



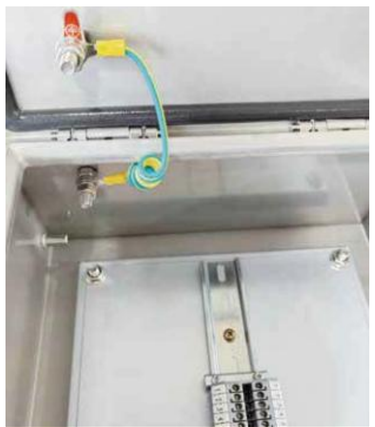
Stainless steel brushed surface



Stainless steel triangle lock



Stainless steel external grounding screws



Lid and body connected by grounding cable, built-in with famous brand of terminals installed on rail



Removable cable gland plate