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- Used in chemical, oil refining, oil exploitation, offshore oil platforms, oil tankers, military and other hazardous areas; Suitable for cable distribution when installing electrical appliances and lamps and especially when installing heat tracing systems and high-power electric heaters on site.
- Beautiful appearance: Aluminum alloy enclosure with stainless steel exposed fasteners.
- The various mounting types and cable entries are available as per customers requirements, such as hanging mounting and stand floor mounting.The cable entries can be suit for rubber cable, armored cable.



Model Identification

MAMX-07/08 - □ - □ □

07:Junction box(IIB+H2)

IIB+H2 Enclosure:
B1:200* 250*170
B2:200*300*170
B3:200*350*170
B4:300*350*230
B5:350*450*205
B6:450*560*210
B7:450*560*280
B8:560* 720*350

08:Junction box(IIC)

IIC Enclosure:
C2:161*161*109
C3:360*360*195

W: The enclosure with sealing ring, not marked if no need (CCC certified)
-D: -43℃~+60℃
-S: -40℃~+60℃

General Technical Parameters

	GB/IECEx	ATEX
Explosion protection Gas explosion protection Dust explosion protection	Ex db ⅡB + H_2 T6…T4 Gb Ex db ⅡC T6…T4 Gb Ex tb ⅢC T80℃…T135℃ Db	Ⅱ2G Ex db ⅡB+H_2 T6…T4 Gb Ⅱ2G Ex db ⅡC T6…T4 Gb Ⅱ2D Ex tb ⅢC T80°C,T95°C,135°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	
General power supply	Rated voltage：MAX.AC1250V 50/60Hz Rated current：MAX.1500A	
Degree of protection and anti-corrosion level	IP66、WF2	
The material of exposed fastener	SS304/SS316 Stainless steel	
Enclosure material	Copper-free Aluminum Alloy ZL102	
Powder coated and color	Electrostatic powder coating ,MAM standard color is equal to dark grey RAL7090, light grey RAL 7035 is optional	
Terminal brands	Weidmuller、Phoenix etc.	
Cable entry	Armored cable、Rubber cable	

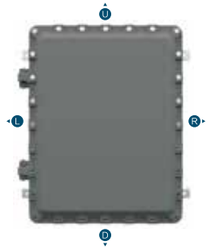


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Standard thread comparison table

Standard thread version	Thread size								
ISO7–1	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ANSI B.20.1 NPT	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	*	*	*
ISO 261/965	M20X1.5	M25X1.5	M32X1.5	M40X1.5	M50X1.5	M63X1.5	M75X1.5	M90X1.5	M110X1.5





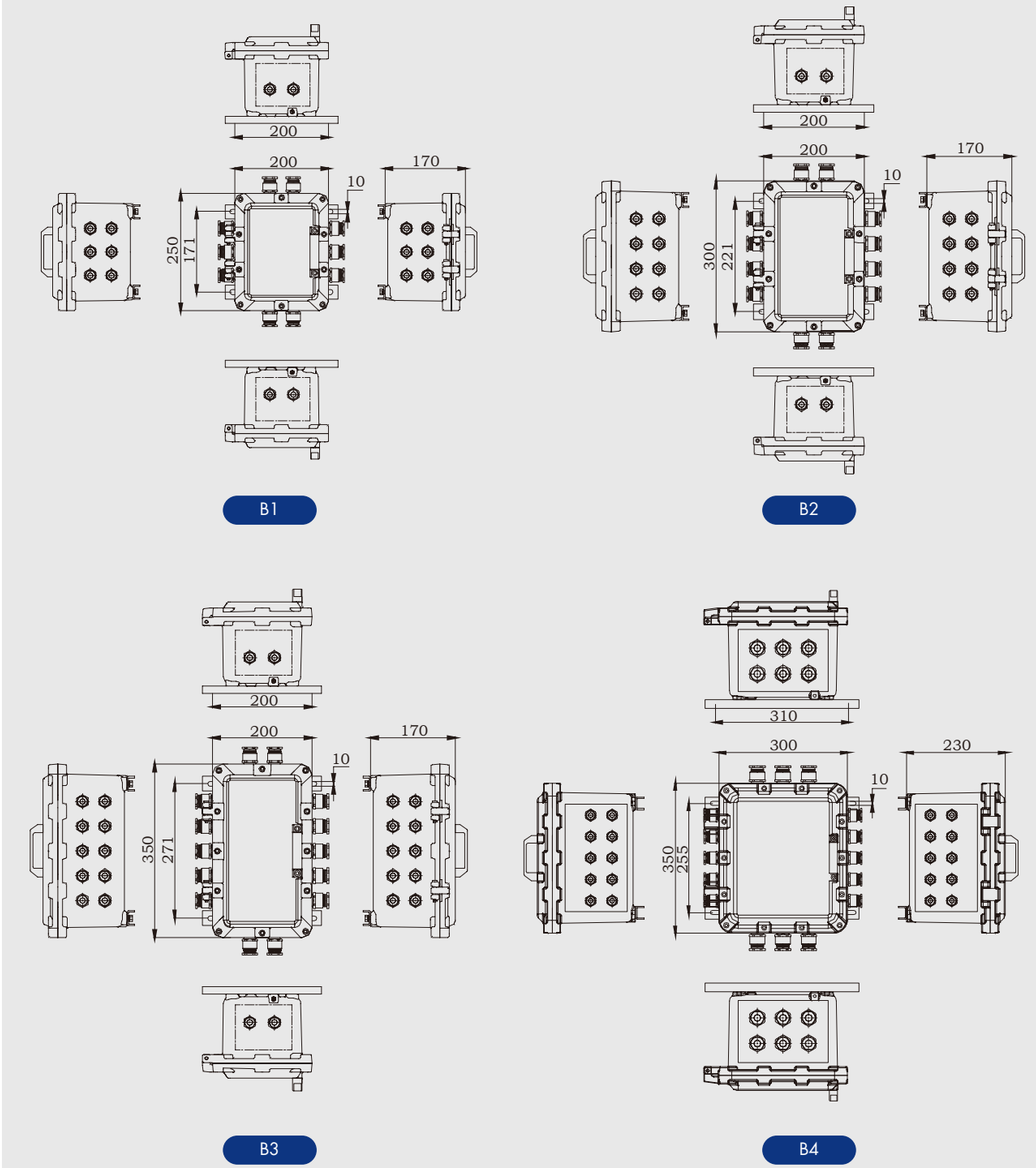
Reference table of holes in box

Version	Dimension of outside appearance (A*B*C)	Direction (U.L.D.R)	Thread size								
			1/2″	3/4″	1″	1 1/4″	1 1/2″	2″	2 1/2″	3″	4″
			1/2″	3/4″	1″	1 1/4″	1 1/2″	2″	*	*	*
			M20X1.5	M25X1.5	M32X1.5	M40X1.5	M50X1.5	M63X1.5	M75X1.5	M90X1.5	M110X1.5
01	250*200*170	U.D	5	5	2	2	1	1	*	*	*
		L.R	8	7	3	2	2	2	*	*	*
02	300*200*170	U.D	5	5	2	2	1	1	*	*	*
		L.R	10	9	4	3	3	2	*	*	*
03	350*200*170	U.D	5	5	2	2	1	1	*	*	*
		L.R	12	10	6	4	3	3	*	*	*
04	350*300*230	U.D	10	6	4	3	2	1	*	*	*
		L.R	12	8	5	4	3	2	*	*	*
05	450*350*205	U.D	10	7	4	3	2	2	*	*	*
		L.R	14	11	5	4	4	3	*	*	*
06	560*450*210	U.D	14	11	5	4	3	2	*	*	*
		L.R	18	15	7	5	5	3	*	*	*
07	560*450*280	U.D	21	18	10	8	3	2	2	2	1
		L.R	27	24	14	10	5	3	3	2	2
08	720*560*350	U.D	32	28	18	10	8	3	3	2	2
		L.R	48	40	27	14	12	5	4	3	2

The above holes are same for IIB and IIC box.

Product outline and installation dimensions

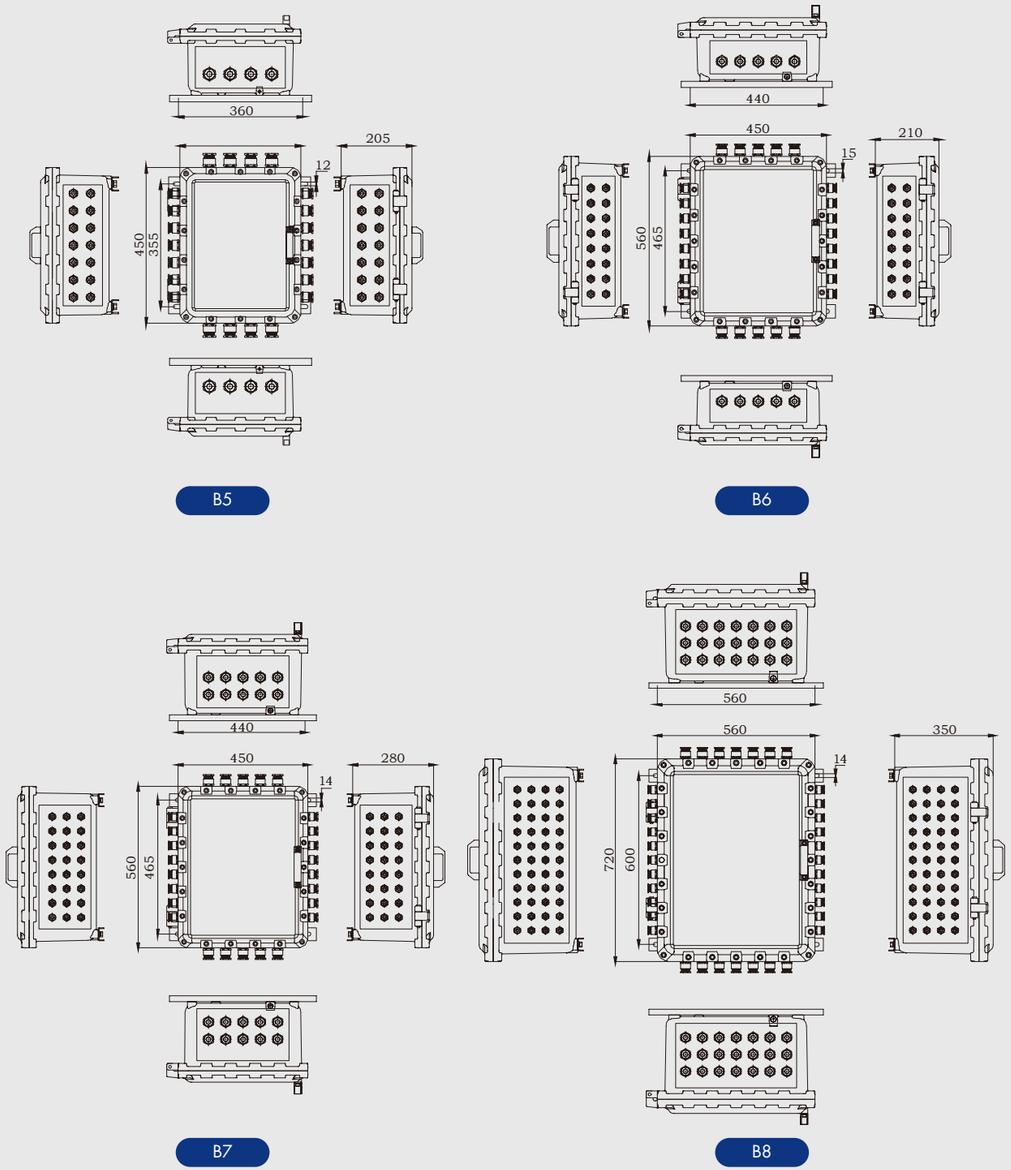
Explosion-proof junction box MAMX-07



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Product outline and installation dimensions

Explosion-proof junction box MAMX-07



Product outline and installation dimensions

Explosion-proof junction box MAMX-08

