

UCB系列控制箱

UCB系列控制箱应用于相对独立的、线路不太复杂的低压电气控制场合，用来安装低压电气元件(如按钮/信号灯、万转、电表等)及接线，以实现对其局部区域的电气控制。

型号含义

UCB □ □ - □ □ - □ □ □ □ □

客户定制序列号	无:标准空箱
顶盖特征:	
无:不透明盖,螺钉固定,不开孔	K:不透明盖,螺钉固定,标准开孔
T:透明盖,螺钉固定,不开孔	F:不透明翻盖,不开孔 TF:透明翻盖,不开孔
尺寸编号	
安装特征:	
1:可安装带1层触点的按钮或万转、信号灯等,明装式安装	
2:可安装带2层触点的按钮或万转、信号灯等,明装式安装	
1Q:可安装带1层触点的按钮或万转、信号灯等,嵌入式安装	
T:可安装带2层触点或以上的按钮或万转、信号灯等,并可以根据客户需要安装断路器,接触器等其他元件	
设计序号	

技术特点说明:

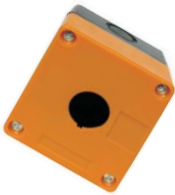
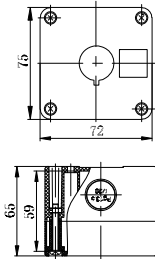
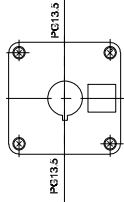
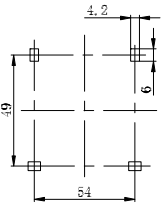

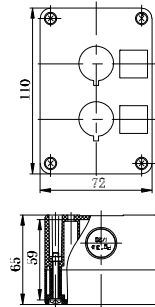
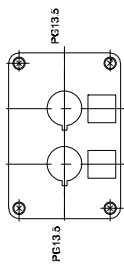
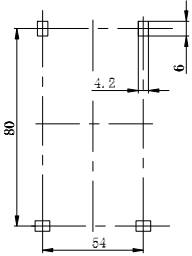

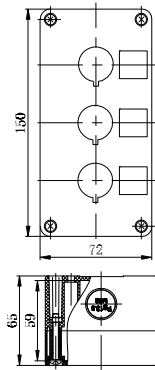
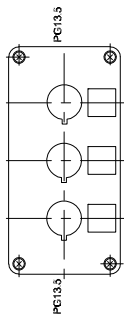
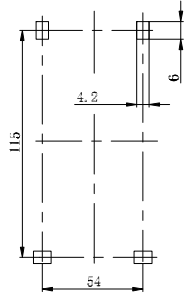
技术要求	UCB1	UCB2	UCB1Q	UCBT
材质	ABS(可定制PC)			
颜色	浅灰色(顶盖可定制黄色)	浅灰色	浅灰色	浅灰色(顶盖可定制透明)
使用温度	ABS: -40℃ ~ +80℃ PC: -40℃ ~ +120℃			
绝缘性能	良好			
阻燃等级	ABS:V0 PC:V2			
IP等级	IP65			
顶盖配置	不透明,螺钉固定		不透明固定/透明固定 不透明翻盖/透明翻盖	
开孔特性	无孔顶盖或标准开孔顶盖		无孔,可根据客户定制需要开孔	

UCB1系列控制箱


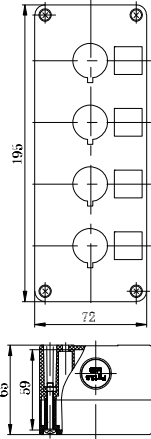
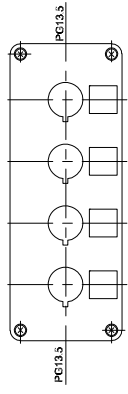
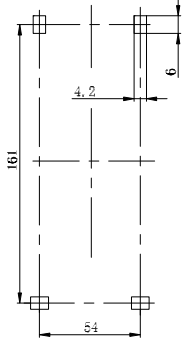

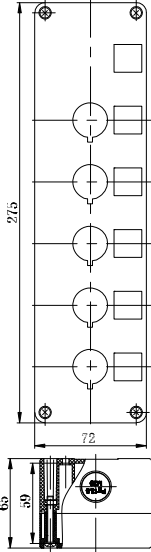
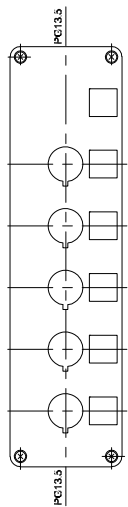
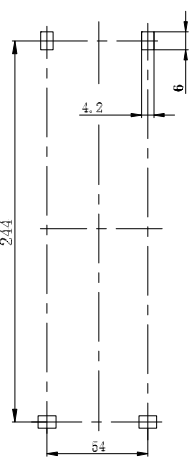

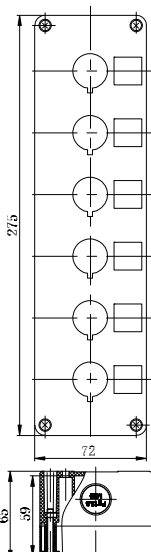
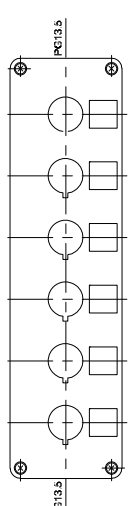
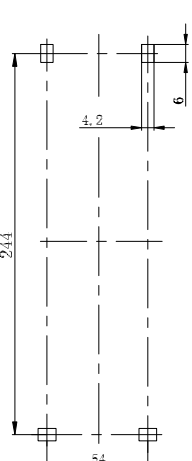
UCB1系列控制箱可直接安装带1层触点模块的LA130系列/UC2系列按钮或AD103系列信号灯，或内部配备导轨和端子作为一般的接线盒使用。

UCB1系列控制箱有6种尺寸，顶盖有不开孔和标准开孔两个系列，其中标准开孔按尺寸大小分别为1孔，2孔，3孔，4孔，5孔和6孔。顶盖标准颜色为灰色，可定做黄色。

UCB1系列控制箱顶盖采用自攻钢螺钉紧固在底座上，箱体采用两个M4螺钉固定在安装面上。

外形图	型号	外形尺寸、箱内高度尺寸图	敲落孔位置示意图	箱体安装开孔尺寸图
	UCB1-1 (无孔)			
	UCB1-1-K			
	UCB1-2 (无孔)			
	UCB1-2-K			
	UCB1-3 (无孔)			
	UCB1-3-K			

UCB1系列控制箱


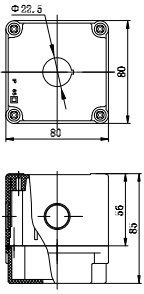
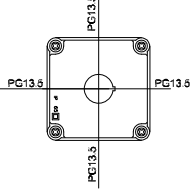
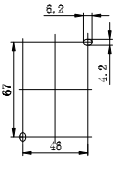

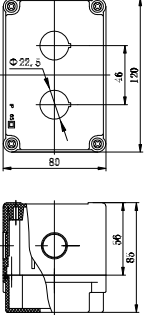
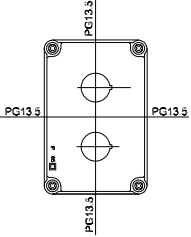


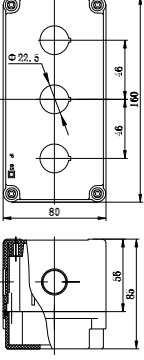
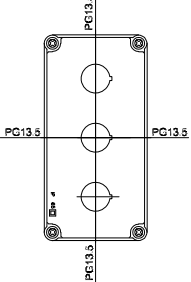
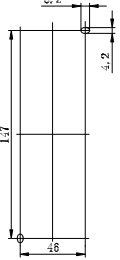
外形图	型号	外形尺寸、箱内高度尺寸图	敲落孔位置示意图	箱体安装开孔尺寸图
	UCB1-4 (无孔)			
	UCB1-4-K			
	UCB1-5 (无孔)			
	UCB1-5-K			
	UCB1-6 (无孔)			
	UCB1-6-K			

UCB2系列控制箱


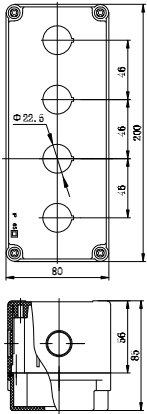
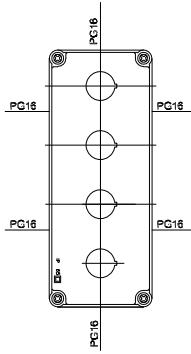
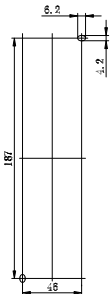

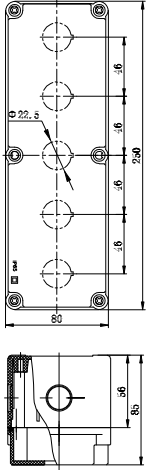
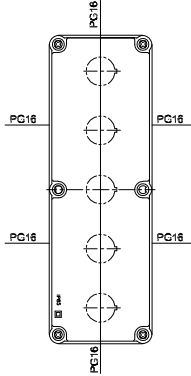
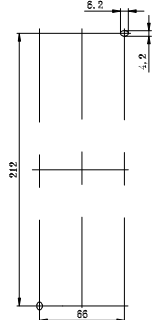
UCB2系列控制箱可直接安装带2层模块的LA130系列/UC2系列按钮或AD103系列信号灯。或内部配备导轨和端子作为一般的接线盒使用。

UCB2系列控制箱有5种尺寸，顶盖有不开孔和标准开孔两个系列。其中标准开孔按尺寸大小分别为1孔，2孔，3孔，4孔和5孔。顶盖标准颜色为灰色。

UCB2系列控制箱顶盖采用自攻钢螺钉紧固在底座上，箱体采用两个M4螺钉固定在安装面上。

外形图	型号	外形尺寸、箱内高度尺寸图	敲落孔位置示意图	箱体安装开孔尺寸图
	UCB2-1 (无孔)			
	UCB2-1-K			
	UCB2-2 (无孔)			
	UCB2-2-K			
	UCB2-3 (无孔)			
	UCB2-3-K			

UCB2系列控制箱

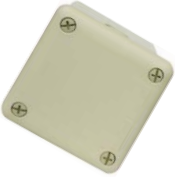
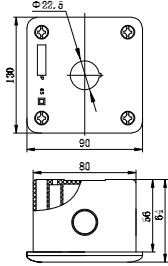
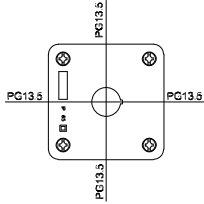
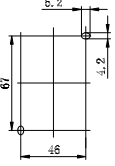

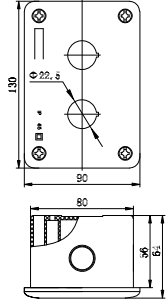
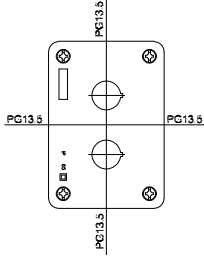
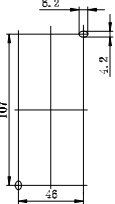

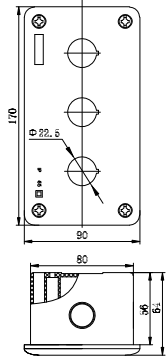
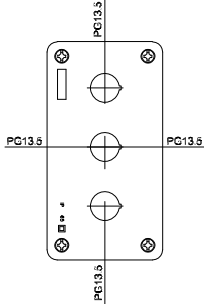
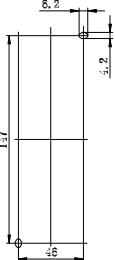

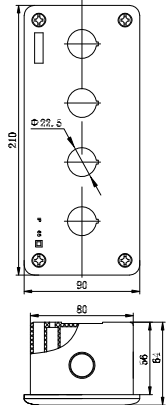
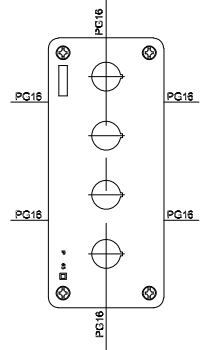

外形图	型号	外形尺寸、箱内高度尺寸图	敲落孔位置示意图	箱体安装开孔尺寸图
	UCB2-4 (无孔)			
	UCB2-4-K			
	UCB2-5 (无孔)			
	UCB2-5-K			

UCB1Q系列控制箱

UCB1Q系列控制箱可直接安装带1层模块的LA130系列/UC2系列按钮或AD103系列信号灯，或内部配备导轨和端子作为一般的接线盒使用。

UCB1Q系列控制箱有4种尺寸，顶盖有不开孔和标准开孔两个系列。其中标准开孔按尺寸大小分别为1孔，2孔，3孔，4孔。顶盖标准颜色为灰色。

UCB1Q系列控制箱顶盖采用嵌入式安装,安装后外露高度只有10mm左右，美观大方。

外形图	型号	外形尺寸、箱内高度尺寸图	敲落孔位置示意图	箱体安装开孔尺寸图
	UCB1Q-1 (无孔)			
	UCB1Q-1-K			
	UCB1Q-2 (无孔)			
	UCB1Q-2-K			
	UCB1Q-3 (无孔)			
	UCB1Q-3-K			
	UCB1Q-4 (无孔)			
	UCB1Q-4-K			

UCBT系列控制箱

UCBT系列控制箱标准顶盖无开孔，可根据客户需要进行定制开孔，并安装各种电器元件。


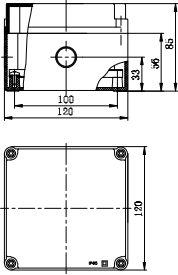
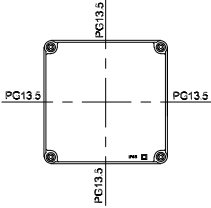
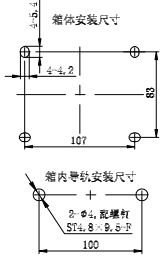
UCBT系列控制箱的顶盖可采用塑料螺钉紧固在底座上，也可采用铰链连接在底座上，形成翻盖结构。顶盖标准为不透明灰色，也可定制透明规格。

UCBT系列控制箱一般采用螺钉直接安装于安装面上。


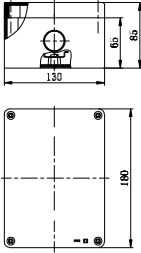
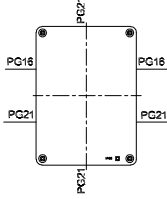
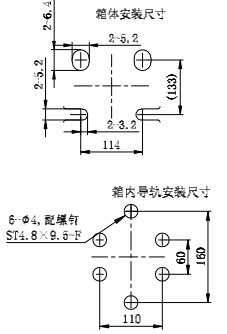

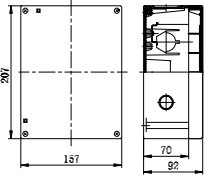
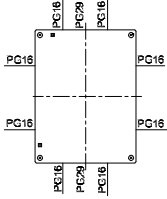
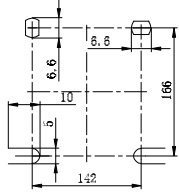

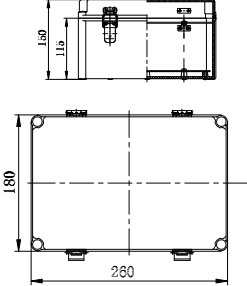
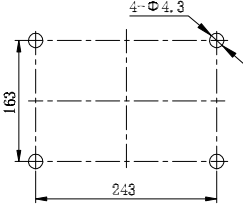

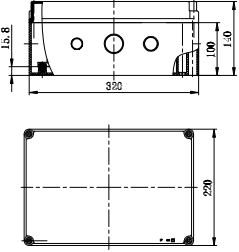
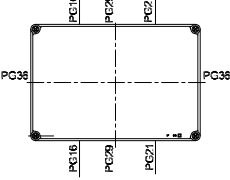
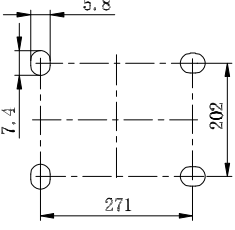
UCBT系列控制箱基本尺寸和特征如下：

型号	长(mm)	宽(mm)	高(mm)	顶盖特征	内部元件安装特征
UCBT-1	120	120	85	不透明固定/透明固定	导轨(1)/上安装板
UCBT-2	180	130	85	不透明固定/透明固定	横短导轨(2)/竖长导轨(1)/上安装板/下安装板
UCBT-3	207	157	92	不透明固定	横短导轨(2)/竖长导轨(2)/下安装板
UCBT-4	260	180	150	不透明固定/透明固定	横短导轨(2)/竖长导轨(1) /上安装板/下安装板/上、下安装板
				不透明翻盖/透明翻盖	
UCBT-5	320	220	140	不透明固定	横短导轨(3)/竖长导轨(2)/下安装板
UCBT-6	370	270	175	不透明固定/透明固定	横短导轨/竖长导轨/上安装板/下安装板 /上、下安装板
				不透明翻盖/透明翻盖	
UCBT-7	420	320	170	不透明固定/不透明翻盖	横短导轨/竖长导轨/上安装板/下安装板/上、下安装板
UCBT-8	500	400	180	不透明固定/透明固定	横短导轨/竖长导轨/上安装板/下安装板 /上、下安装板
				不透明翻盖/透明翻盖	
UCBT-9	500	400	200	不透明固定/透明固定	横短导轨/竖长导轨/上安装板/下安装板 /上、下安装板
				不透明翻盖/透明翻盖	


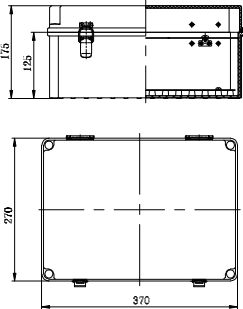
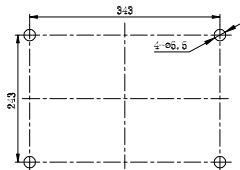

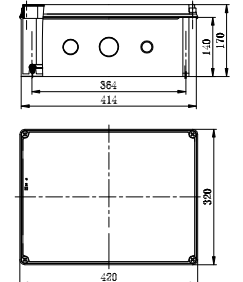
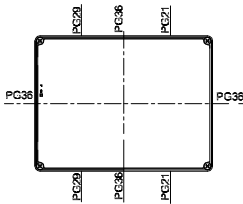
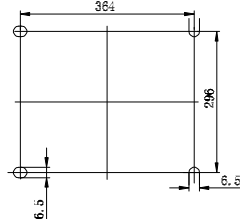

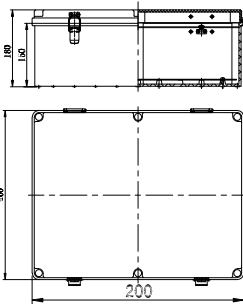
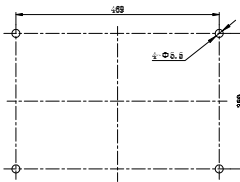

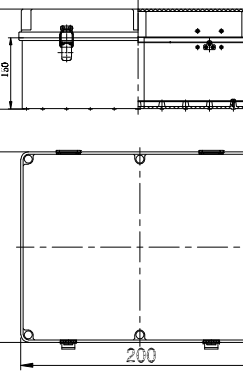
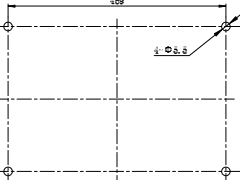
UCBT-1控制箱

外形图	型号	外形尺寸、箱内高度尺寸图	敲落孔位置示意图	箱体安装开孔尺寸图
	UCBT-1			

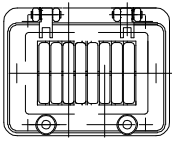
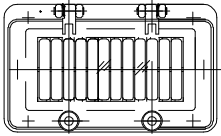
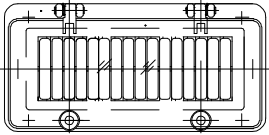
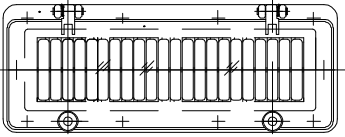
UCBT系列控制箱

外形图	型号	外形尺寸、箱内高度尺寸图	敲落孔位置示意图	箱体安装开孔尺寸图
	UCBT-2			
	UCBT-3			
	UCBT-4			
	UCBT-5			

UCBT系列控制箱

外形图	型号	外形尺寸、箱内高度尺寸图	敲落孔位置示意图	箱体安装开孔尺寸图
	UCBT-6			
	UCBT-7			
	UCBT-8			
	UCBT-9			

UCBT系列控制箱

外形图	名称	型号	规格尺寸 (mm)	适用产品
	4路监视窗	UCBF-W804-B	外形尺寸: 91×98×50 安装尺寸: M4 (73.5×76) 面板开孔尺寸: 73×60	UCBT-4~UCBT-9
	6路监视窗	UCBF-W806-B	外形尺寸: 127×98×50 安装尺寸: M4 (106×76) 面板开孔尺寸: 112×64	UCBT-4~UCBT-9
	8路监视窗	UCBF-W808-B	外形尺寸: 163×98×50 安装尺寸: M4 (154×76) 面板开孔尺寸: 148×64	UCBT-4~UCBT-9
	12路监视窗	UCBF-W812-B	外形尺寸: 235×98×50 安装尺寸: M4 (212×76) 面板开孔尺寸: 220×64	UCBT-5~UCBT-9

附件——防水电缆夹紧头



型号	适用电缆外径 (mm)	螺纹外径 (mm)	螺纹长度 (mm)	扳手径 (mm)	安装孔径 (mm) ${}^0_{+0.3}$	头部高度 (mm)
PG7	3.0~6.2	10.2	6.0	15~17	12.5	20
PG9	3.5~8.0	15.0	6.6	19~22	15.2	22
PG11	4.0~10.0	18.1	8.0	22~24	18.6	24
PG13.5	7.0~12.0	20.2	8.0	24~27	20.4	27
PG16	8.5~14.0	22.4	9.0	27~30	22.5	28
PG21	10.5~18.0	28.0	10.0	33~36	28.3	30
PG29	18.0~25.8	36.7	12.0	41~46	37.0	38
PG36	22.0~32.5	46.7	13.0	50~57	47.0	45
PG42	26.0~38.0	53.7	13.5	62~64	54.0	47
PG48	32.0~44.0	59.0	14.0	65~70	59.3	47

UCBT系列控制箱

附件——硅橡胶密封条

尺寸规格 (mm)	适用产品	尺寸规格 (mm)	适用产品
Φ2.5	UCB1-1 ~ UCB1-5,UCB2-1 ~ UCB2-5 UCB1Q-1 ~ UCB1Q-4,UCBT-1	Φ4.5	UCBT-7
		3X3	UCBT-4
Φ3	UCBT-2,UCBT-3	4X4	UCBT-6
Φ3.5	UCBT-5	6X6	UCBT-8,UCBT-9

附件——顶盖紧固螺钉

型号名称	尺寸规格	材质	适用产品	每台数量
GB845-ST3.9X40-F自攻螺钉	ST3.9X40-F	Q235A	UCB1-1 ~ UCB1-5	4
GB845-ST4.2X35-F自攻螺钉	ST4.2X35-F	Q235A	UCB1-1 ~ UCB1-5	4
UCBF-L1塑料螺钉	M6X18	增强尼龙	UCB1Q-1 ~ UCB1Q-4	4
UCBF-L2塑料螺钉	M6X20	增强尼龙	UCB2-1 ~ UCB2-4	4
			UCB2-5	6
			UCBT-1	4
UCBF-L3塑料螺钉	M6X20	增强尼龙	UCBT-2	4
UCBF-L4塑料螺钉	M8X27	增强尼龙	UCBT-5	4
UCBF-L5塑料螺钉	M10X30	增强尼龙	UCBT-4	4
			UCBT-7	4
UCBF-L6塑料螺钉	M12X37	增强尼龙	UCBT-6	4
			UCBT-8	6
			UCBT-9	6

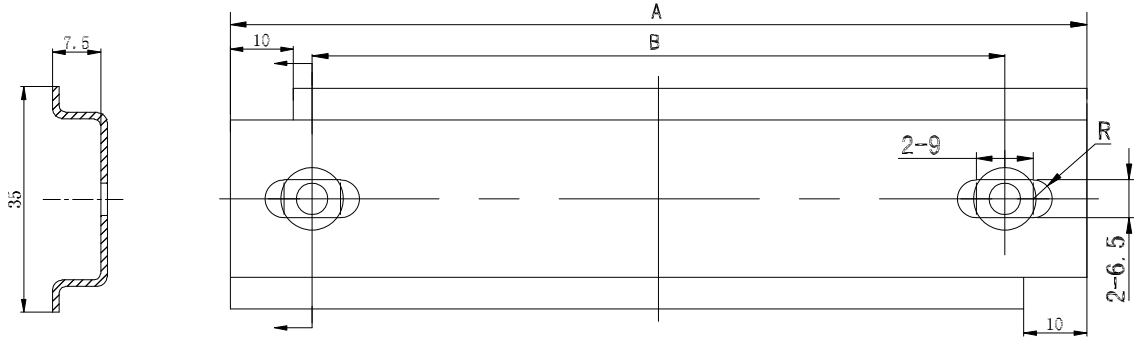
附件——孔塞



名称型号规格	材质	适用产品	每台数量
小孔塞HP10(Φ10)	ABS	UCBT-4-F,UCBT-7-F	4
大孔塞HP13(Φ13)	ABS	UCBT-6-F	4
		UCBT-8-F,UCBT-9-F	6

UCBT系列控制箱

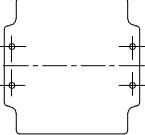
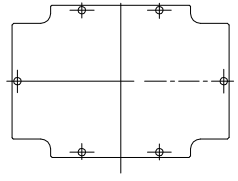
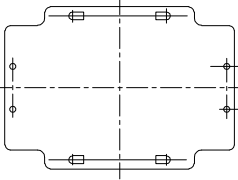
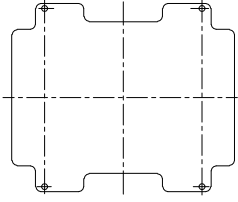
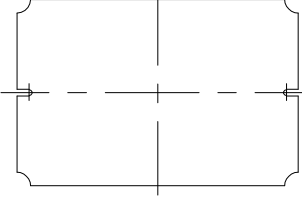
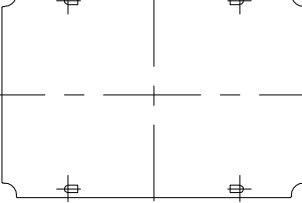
附件——35mm导轨(TH35-7.5,TS35-7.5)



型号	尺寸 A	尺寸 B	适用产品	每台最多可装数量
UCBF-D1	67	60±0.20	UCB2-1,UCB1Q-1	1
UCBF-D2	107	100±0.15	UCB2-2,UCB1Q-2,UCBT-1	1
UCBF-D3	120	110±0.15	UCBT-2	2
UCBF-D4	142	136±0.20	UCBT-3	2
UCBF-D5	147	140±0.15	UCB2-3,UCB1Q-3	1
			UCBT-4	3
			UCBT-7	1
UCBF-D6	170	160±0.15	UCBT-2	1
UCBF-D7	190	170±0.15	UCBT-5	3
UCBF-D8	187	180±0.20	UCB2-4,UCB1Q-4	1
UCBF-D9	193	186±0.20	UCBT-3	1
UCBF-D10	240	220±0.15	UCB2-5,UCBT-4	1
			UCBT-6	4
UCBF-D11	245	230±0.15	UCBT-7	1
UCBF-D12	265	240±0.15	UCBT-7	3
UCBF-D13	360	320±0.20	UCBT-6	2
			UCBT-8,UCBT-9	8
UCBF-D14	395	360±0.20	UCBT-7	3
UCBF-D15	460	400±0.20	UCBT-8,UCBT-9	5

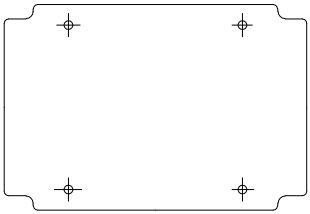
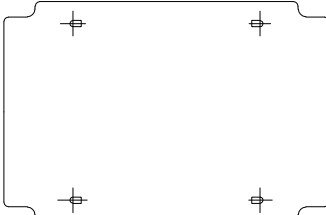
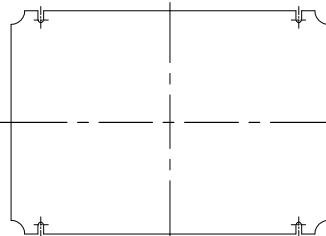
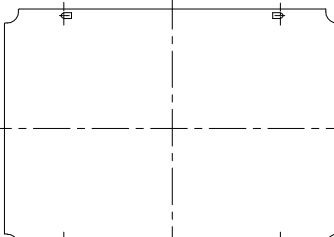
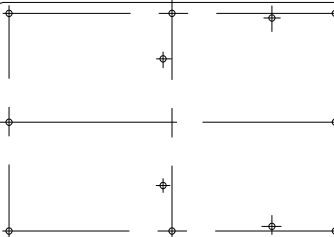
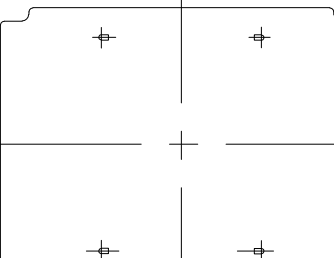
UCBT系列控制箱

附件——内部安装板

外形图	名称	型号	长 (mm)	宽 (mm)	适用产品
	UCBT-1上安装板	UCBF-A1	111	111	UCBT-1
	UCBT-2下安装板	UCBF-A2	168	118	UCBT-2
	UCBT-2上安装板	UCBF-A3	172	122	UCBT-2
	UCBT-3安装板	UCBF-A4	170	144	UCBT-3
	UCBT-4下安装板	UCBF-A5	238	158	UCBT-4
	UCBT-4上安装板	UCBF-A6	247	167	UCBT-4

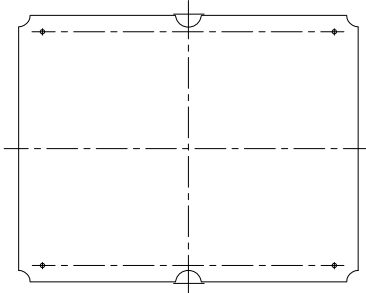
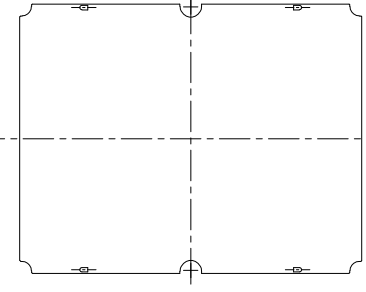
UCBT系列控制箱

附件——内部安装板

外形图	名称	型号	长 (mm)	宽 (mm)	适用产品
	UCBT-5下安装板	UCBF-A7	300	200	UCBT-5
	UCBT-5上安装板	UCBF-A8	340	208	UCBT-5
	UCBT-6下安装板	UCBF-A9	340	240	UCBT-6
	UCBT-6上安装板	UCBF-A10	350	250	UCBT-6
	UCBT-7下安装板	UCBF-A11	384	264	UCBT-7
	UCBT-7上安装板	UCBF-A12	390	280	UCBT-7

UCBT系列控制箱

附件——内部安装板

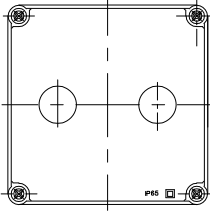
外形图	名称	型号	长 (mm)	宽 (mm)	适用产品
	UCBT-8/9下安装板	UCBF-A13	465	365	UCBT-8/9
	UCBT-8/9上安装板	UCBF-A14	472	372	UCBT-8/9

附件——箱体安装部件

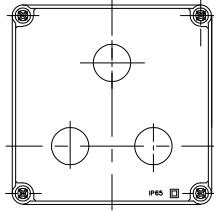
安装部件名称型号	产品型号	每台数量	安装说明
GB845-ST3.9-F自攻螺钉	UCB1-1 ~ UCB1-5	2 ~ 4	卸下顶盖，将底座用自攻螺钉紧固在安装基体上，再装上顶盖
	UCB2-1 ~ UCB2-5	2 ~ 4	
	UCB1Q-1 ~ UCB1Q-4	2 ~ 4	
	UCBT-1	2 ~ 4	可直接用自攻螺钉将箱体固定在安装基体上
	UCBT-3	4	
	UCBT-4	4	
GB845-ST4.8-F自攻螺钉	UCBT-2	4	卸下顶盖，将底座用自攻螺钉紧固在安装基体上，再装上顶盖
	UCBT-5	2 ~ 4	
	UCBT-6	4	可直接用自攻螺钉将箱体固定在安装基体上
	UCBT-7	4	
	UCBT-8	4	
	UCBT-9	4	

UCBT系列控制箱

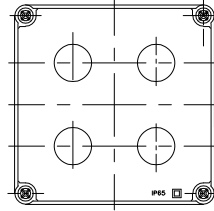
UCBT定制控制箱使用方案示例



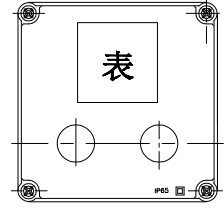
UCBT-1-0001



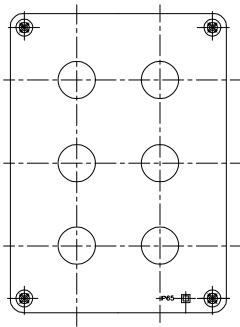
UCBT-1-0002



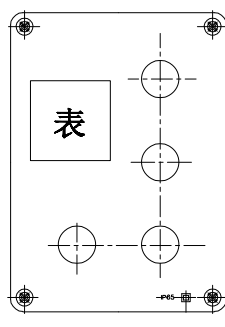
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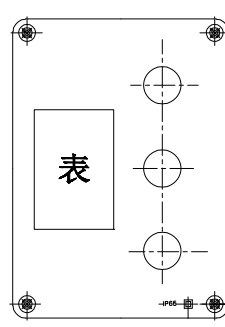
UCBT-1-0004



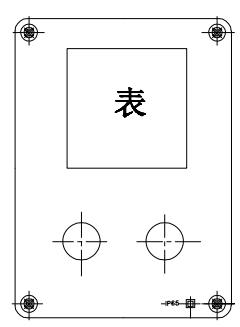
UCBT-2-0001



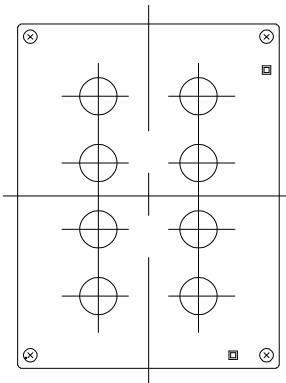
UCBT-2-0002



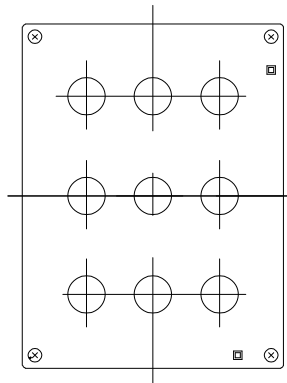
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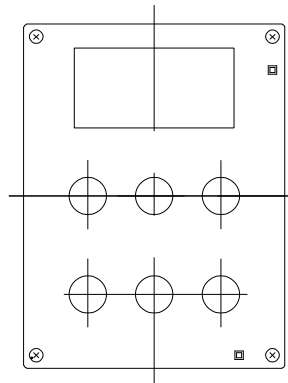
UCBT-2-0004



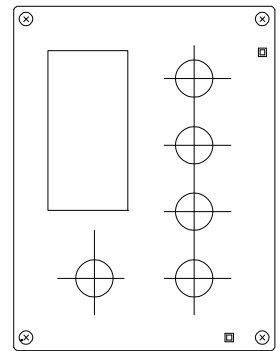
UCBT-3-0001



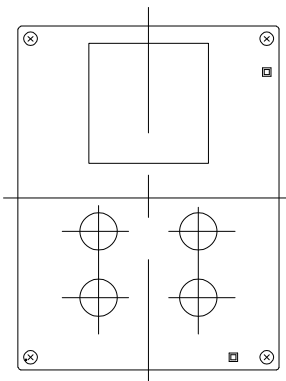
UCBT-3-0002



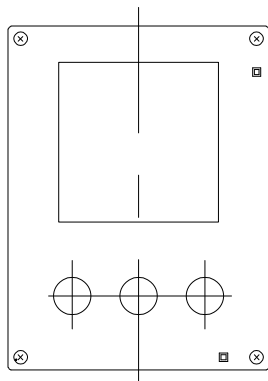
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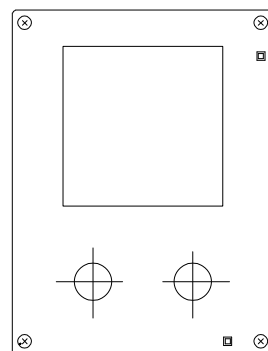
UCBT-3-0004



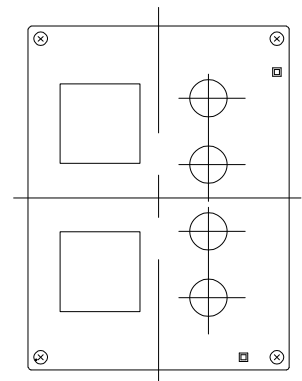
UCBT-3-0005



UCBT-3-0006



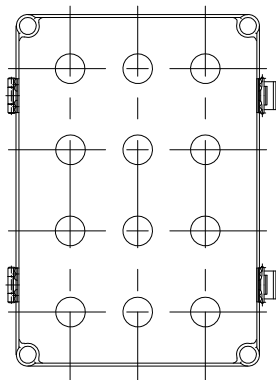
UCBT-3-0007



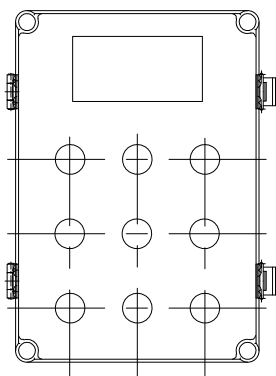
UCBT-3-0008

UCBT系列控制箱

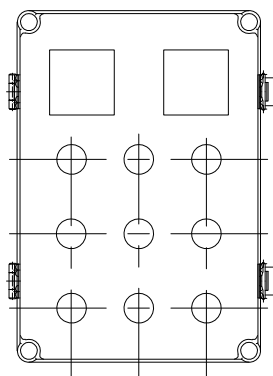
UCBT定制控制箱使用方案示例



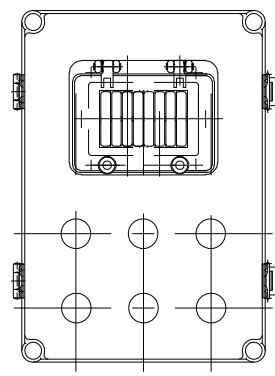
UCBT-4-0001



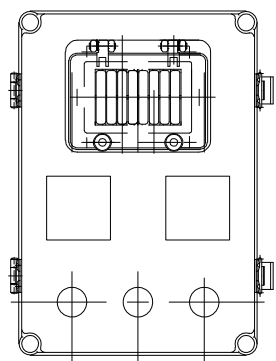
UCBT-4-0002



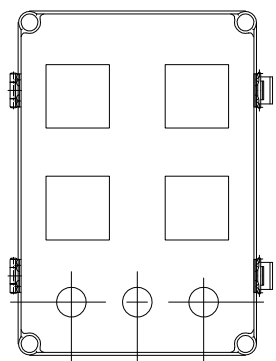
UCBT-4-0003



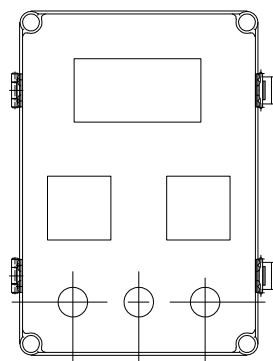
UCBT-4-0004



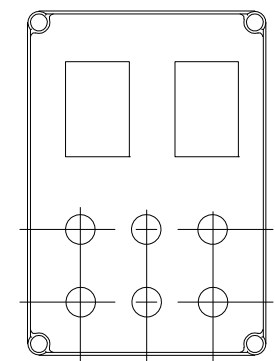
UCBT-4-0005



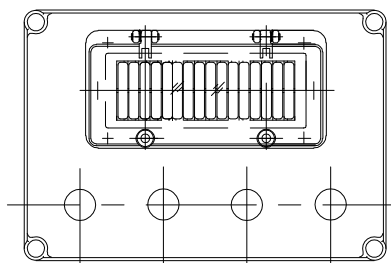
UCBT-4-0006



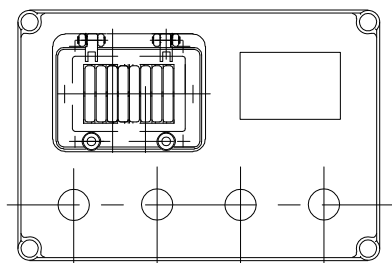
UCBT-4-0007



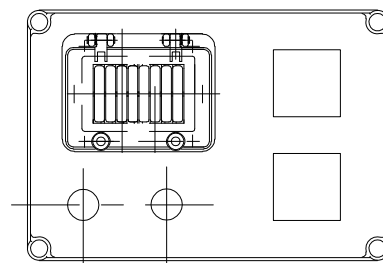
UCBT-4-0008



UCBT-4-0009



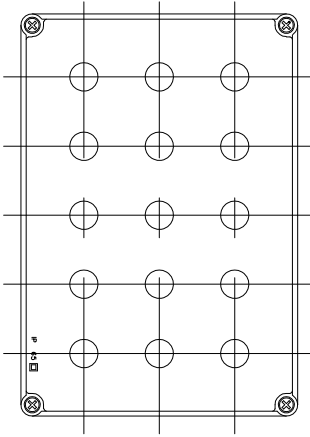
UCBT-4-0010



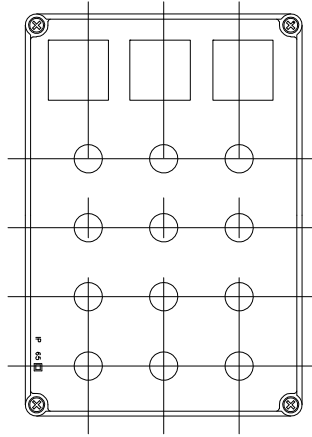
UCBT-4-0011

UCBT系列控制箱

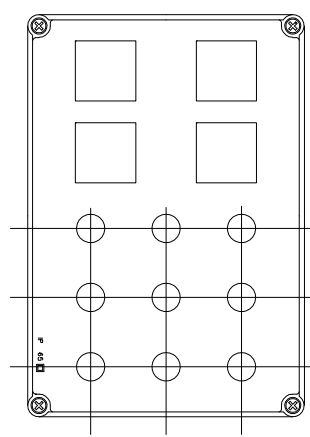
UCBT定制控制箱使用方案示例



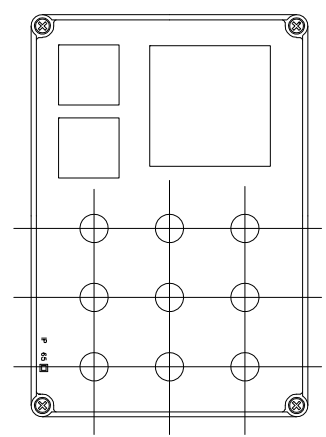
UCBT-5-0001



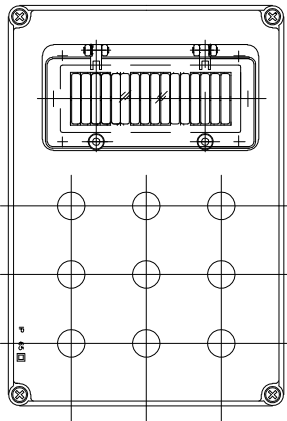
UCBT-5-0002



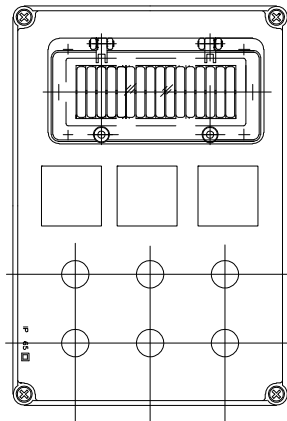
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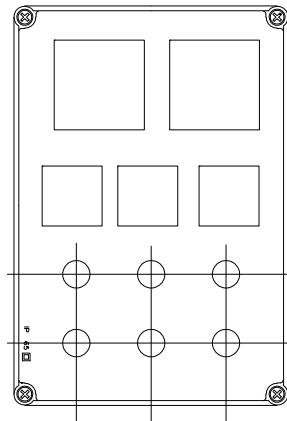
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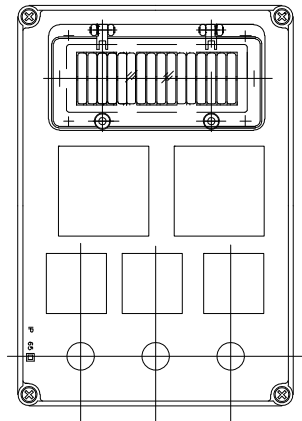
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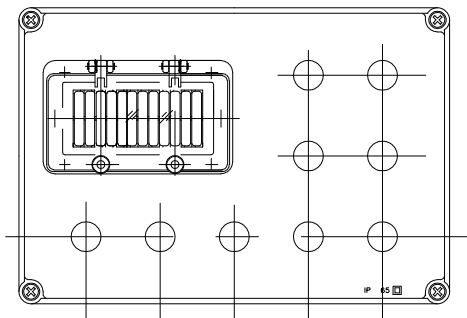
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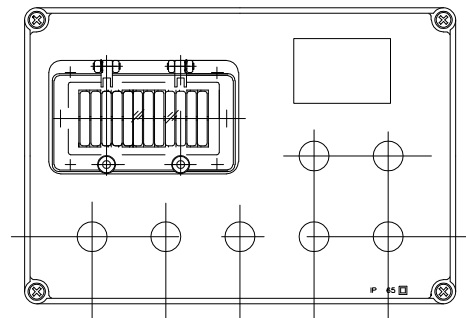
UCBT-5-0007



UCBT-5-0008



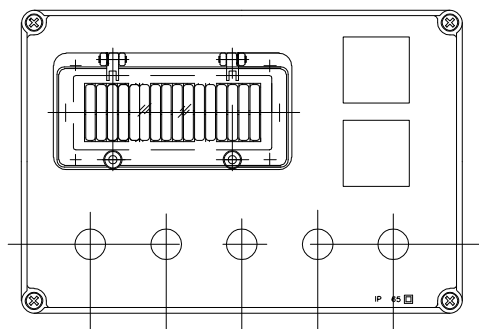
UCBT-5-0009



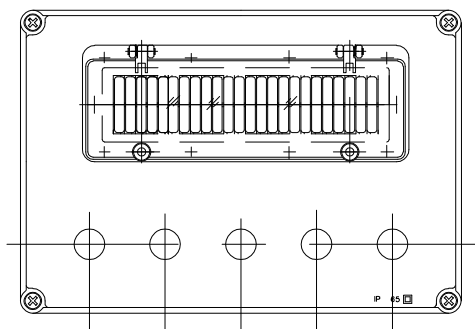
UCBT-5-0010

UCBT系列控制箱

UCBT定制控制箱使用方案示例



UCBT-5-0011



UCBT-5-0012

UCBT-6以上规格应用变化非常多，可以很好的满足客户的各种定制需求。以下为两种带多路监视窗，电压/电流/功率表，万转，按钮/信号灯的应用方案。

