



倍仕得电气科技(杭州)股份有限公司  
BEISIT ELECTRIC TECH (HANGZHOU) CO.,LTD.



## Hazardous Area Enclosures 防爆产品系列

倍仕得园区鸟瞰图  
Beisit factory Aeroview



做人, 把人品做好,  
做企业, 把产品做好。

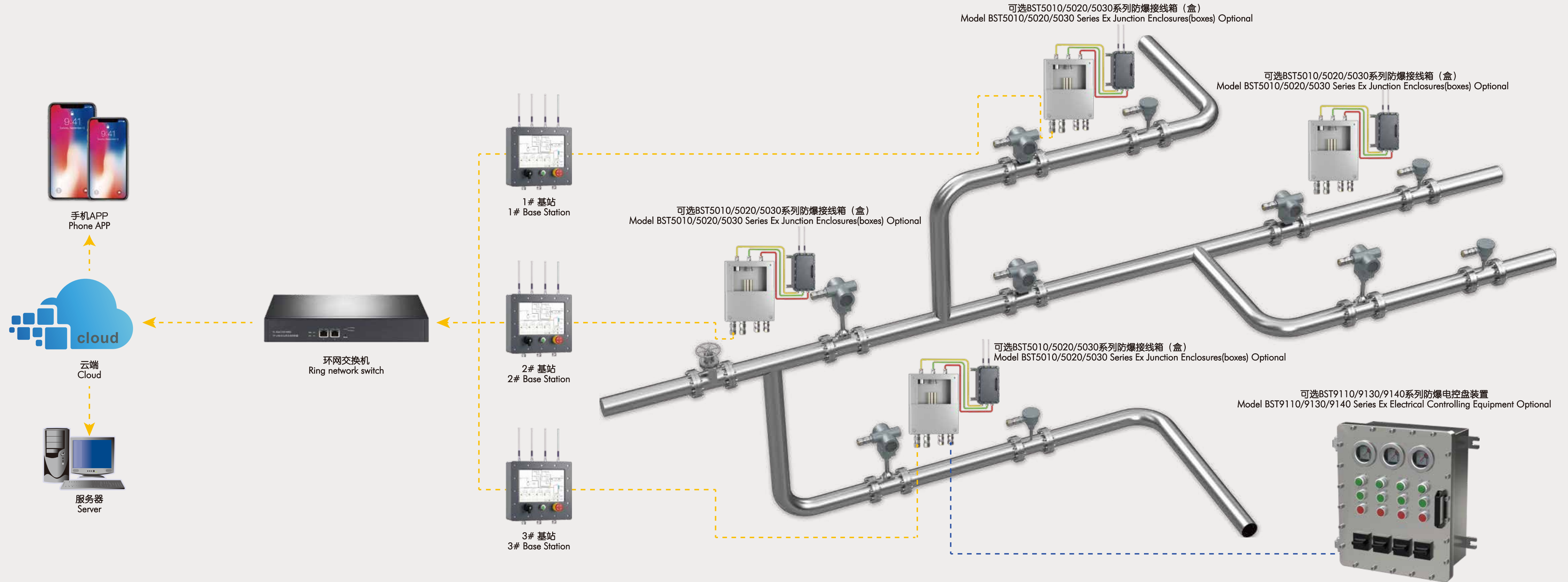
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# 企业认证 Company Certifications





爆炸性环境——防爆接线箱智能安全监测系统架构  
Ex Environment -- Architecture of Intelligent Safety Monitoring System for Ex Junction Box














# 防爆接线箱 (盒)

## Ex-proof Junction Boxes

产品系列 Model			
	BST5010系列	BST5020系列	BST5030系列
材料 Material	铸铝系列 Ex Cast Aluminium Series	聚酯系列 Ex Polyester Series	不锈钢系列 Ex SS Series
密封条 Sealing Strip	硅胶 Silicone	硅胶 Silicone	硅胶 Silicone
表面处理 Surface Treatment	喷漆 Spraying Plastics	/	抛光/拉丝 Polishing/Brushing
环境 Working Environment	室内、室外、石油化工 Indoor, Outdoor, Petrochemical Industry	室内、室外、石油化工、海洋工程 Indoor, Outdoor, Petrochemical Industry, Ocean Engineering	室内、室外、石油化工、 海洋工程、食品、低温/高温 Indoor, Outdoor, Petrochemical Industry Ocean Engineering, Food Industry, High/Low Temperature
优势 Advantages	免维护、重量轻、强度高 Maintenance-Free, Light-Weight, High Strength	免维护、重量轻、绝缘性好 Maintenance-Free, Light-Weight, Excellent Electrical Insulation	免维护、强度高、耐低温、耐高温 Maintenance-Free, High Strength Low Temperature Resistant, High Temperature Resistant
防化学腐蚀 Degree of Chemical Corrosion Resistant	好 Good	很好 Excellent	很好 Excellent
防海水腐蚀 Degree of Seawater Corrosion Resistant	好 Good	很好 Excellent	很好 Excellent
防紫外线 Degree of UV-Proof	很好 Excellent	好 Good	很好 Excellent
<b>特点 Specifications</b>			
最低工作温度 Min Working Temperature	-55℃	-55℃	-55℃
最高工作温度 Max Working Temperature	135℃	135℃	135℃
抗冲击力 Impact Resistant	7J	7J	10J
IP防护等级 IP Protection Grade	IP66	IP66	IP66
<b>防爆标志 Ex-Mark</b>			
IECEx防爆标志 IECEx EX-Mark	Ex eb IIC T6/5/4 Gb Ex ia/ib IIC T6/5/4 Ga/Gb Ex tb IIC T80℃/T95℃/130℃ Db IP66	Ex eb IIC T6/5/4 Gb Ex ia/ib IIC T6/5/4 Ga/Gb Ex tb IIC T80℃/T95℃/130℃ Db IP66	Ex eb IIC T6/5/4 Gb Ex ia/ib IIC T6/5/4 Ga/Gb Ex tb IIC T80℃/T95℃/130℃ Db IP66
ATEX防爆标志 ATEX EX-Mark	II2 G Ex eb IIC T6/5/4 Gb II2 G Ex ia/ib IIC T6/5/4 Gb II 1 D Ex tb IIC T80℃/T95℃/130℃ Db IP66	II2 G Ex eb IIC T6/5/4 Gb II2 G Ex ia/ib IIC T6/5/4 Ga/Gb II 1 D Ex tb IIC T80℃/T95℃/130℃ Db IP66	II2 G Ex eb IIC T6/5/4 Gb II2 G Ex ia/ib IIC T6/5/4 Ga/Gb II 1 D Ex tb IIC T80℃/T95℃/130℃ Db IP66
<b>尺寸 Dimensions</b>			
高x宽x深 (最小) H*W*D(min) mm	64x58x36	80x75x75	100x100x60
高x宽x深 (最大) H*W*D(max) mm	600x310x110	810x400x210	1200x1200x400

# 铸铝防爆接线箱 (盒)

Ex Cast Aluminium Junction Box

→ BST5110系列



适用范围 Intended Use : 用于0区, 1区和2区; 用于20区, 21区和22区  
 Can be used in zone 0, zone 1 and zone 2,  
 Can be used in zone 20, zone 21 and zone 22

防护等级 Degree of Protection : IP66

使用环境温度 Ambient Temperature :  $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C} / +55^{\circ}\text{C}$

额定电压 Rated Voltage : 最大 Max AC690V

额定电流 Rated Current : 最大 Max 225A

材料 Material : 无铜铝; 外壳表面喷漆  
 Copper-Free Aluminium Enclosure (Surface Treatment With Plastic Spraying)



防爆认证 Ex-Certification		
认证类别 Certificate Type	防爆标志 Ex-Mark	防护等级 Protection Grade
IECEX证书 IECEx Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia/ib IIC T6/T5/T4 Ga/Gb Ex tb IIIC T80°C/T95°C/T130°C Db	IP66
ATEX证书 ATEX Certificate	Ⓜ II 2G Ex eb IIC T6/T5/T4 Gb Ⓜ II 2G Ex ia/ib IIC T6/T5/T4 Ga/Gb Ⓜ II 1D Ex tb IIIC T80°C/T95°C/T130°C Db	
EAC证书 EAC Certificate	1 Ex eb IIC T6/T5/T4 Gb 1 Ex ia/ib IIC T6/T5/T4 Ga/Gb Ex tb IIIC T80°C/T95°C/T130°C Db	
CCC证书 CCC Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia/ib IIC T6/T5/T4 Ga/Gb Ex tb IIIC T80°C/T95°C/T130°C Db	
防爆合格证 Ex Conformity Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia/ib IIC T6/T5/T4 Ga/Gb Ex tb IIIC T80°C/T95°C/T130°C Db	

序号 Serial Number	外形尺寸 Overall Dimensions (mm)			内部尺寸 Internal Dimensions (mm)			重量 Weight (kg)	体积 Volume (m <sup>3</sup> )
	长Length(mm)	宽Width(mm)	高Height(mm)	长Length(mm)	宽Width(mm)	高Height(mm)		
1 #	64	58	36	56	50	28	0.152	0.0001
2 #	98	64	36	90	56	28	0.226	0.0002
3 #	150	64	36	142	56	28	0.368	0.0003
4 #	115	65	55	107	57	47	0.331	0.0004
5 #	82	77	57	74	69	49	0.283	0.0004
6 #	127	82	57	119	74	49	0.398	0.0006
7 #	175	80	57	167	72	49	0.497	0.0008
8 #	250	80	57	242	72	49	0.679	0.0011
9 #	108	80	60	100	72	52	0.229	0.0005
10 #	140	80	60	132	72	52	0.188	0.0007
11 #	100	100	80	92	92	72	0.460	0.0008
12 #	160	100	80	152	92	72	0.704	0.0013
13 #	200	100	80	192	92	72	0.783	0.0016
14 #	125	125	80	117	117	72	0.923	0.0013
15 #	360	120	80	352	112	72	1.822	0.0035
16 #	220	125	80	212	117	72	1.092	0.0022
17 #	220	140	90	212	132	82	1.494	0.0028
18 #	160	160	90	152	152	82	1.288	0.0023
19 #	260	160	90	252	152	82	0.654	0.0037
20 #	360	160	90	352	152	82	4.770	0.0052
21 #	560	160	90	552	152	82	1.424	0.0081
22 #	280	180	100	272	172	92	1.007	0.0050
23 #	180	180	101	172	172	93	0.747	0.0033
24 #	230	200	110	222	192	102	0.879	0.0051
25 #	280	230	110	272	222	102	1.052	0.0071
26 #	330	230	120	322	222	112	1.199	0.0091
27 #	400	230	110	392	222	102	1.518	0.0101
28 #	403	313	111	395	305	103	2.193	0.0140
29 #	600	310	110	592	302	102	3.351	0.0205



# 聚酯防爆接线箱 (盒)

Ex Polyester Junction Box

→ BST5120系列



适用范围 Intended Use : 用于0区, 1区和2区; 用于20区, 21区和22区  
 Can be used in zone 0, zone 1 and zone 2,  
 Can be used in zone 20, zone 21 and zone 22

防护等级 Degree of Protection : IP66

使用环境温度 Ambient Temperature :  $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C} / +55^{\circ}\text{C}$

额定电压 Rated Voltage : 最大 Max AC690V

额定电流 Rated Current : 最大 Max 225A

材料 Material : GRP (Anti-Static Glass Fibre Reinforced Polyester SMC)



防爆认证 Ex-Certification		
认证类别 Certificate Type	防爆标志 Ex-Mark	防护等级 Protection Grade
IECEX证书 IECEx Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia/ib IIC T6/T5/T4 Ga/Gb Ex tb IIIC T80°C/T95°C/T130°C Db	IP66
ATEX证书 ATEX Certificate	Ⓜ II 2G Ex eb IIC T6/T5/T4 Gb Ⓜ II 2G Ex ia/ib IIC T6/T5/T4 Ga/Gb Ⓜ II 1D Ex tb IIIC T80°C/T95°C/T130°C Db	
EAC证书 EAC Certificate	1 Ex eb IIC T6/T5/T4 Gb 1 Ex ia/ib IIC T6/T5/T4 Ga/Gb Ex tb IIIC T80°C/T95°C/T130°C Db	
CCC证书 CCC Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia/ib IIC T6/T5/T4 Ga/Gb Ex tb IIIC T80°C/T95°C/T130°C Db	
防爆合格证 Ex Conformity Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia/ib IIC T6/T5/T4 Ga/Gb Ex tb IIIC T80°C/T95°C/T130°C Db	

序号 Serial Number	外形尺寸 Overall Dimensions (mm)			内部尺寸 Internal Dimensions (mm)			重量 Weight (kg)	体积 Volume (m <sup>3</sup> )
	长Length(mm)	宽Width(mm)	高Height(mm)	长Length(mm)	宽Width(mm)	高Height(mm)		
1 #	80	75	75	71	66	66	0.245	0.0005
2 #	110	75	75	101	66	66	0.303	0.0006
3 #	160	75	75	151	66	66	0.292	0.0009
4 #	190	75	75	181	66	66	0.333	0.0011
5 #	230	75	75	221	66	66	0.405	0.0013
6 #	122	120	91	113	111	82	0.448	0.0013
7 #	220	120	91	211	111	82	0.670	0.0024
8 #	160	160	91	148	148	79	0.761	0.0023
9 #	260	160	91	248	148	79	1.053	0.0038
10 #	360	360	91	348	348	79	2.400	0.0118
11 #	560	160	91	548	148	79	1.981	0.0082
12 #	360	160	91	348	148	79	1.340	0.0052
13 #	255	250	121	243	238	109	1.962	0.0077
14 #	400	250	121	388	238	109	2.700	0.0121
15 #	600	250	121	588	238	109	3.997	0.0182
16 #	255	250	161	243	238	149	2.147	0.0103
17 #	400	250	161	388	238	149	2.827	0.0161
18 #	405	400	201	396	391	192	4.802	0.0326
19 #	400	400	210	388	388	198	4.716	0.0336
20 #	110	75	55	101	66	46	0.255	0.0005
21 #	80	75	55	71	66	46	0.205	0.0003
22 #	160	160	120	148	148	108	0.994	0.0031
23 #	810	400	210	798	388	198	8.110	0.0680



# 不锈钢防爆接线箱 (盒)

## Ex Stainless Steel Junction Box

→ BST5130系列



适用范围 Intended Use : 用于0区, 1区和2区, 用于20区, 21区和22区  
 Can be used in zone 0, zone 1 and zone 2,  
 Can be used in zone 20, zone 21 and zone 22

防护等级 Degree of Protection : IP66

额定电压 Rated Voltage/Current : 最大 Max 1100V

额定电流 Rated Current : Max 630A

使用环境温度 Ambient Temperature Use :  $-40^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}/+55^{\circ}\text{C}$ ,  $-55^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}/+55^{\circ}\text{C}$

抗冲击性能 Impact Resistant : 7J

箱体接地 Earthing : M6

壳体内部安装结构形式  
 Box Internal Installation Structure Forms : 可选导轨支架安装和底板安装 Rail or Mounting Plate

箱体开盖结构形式 Box Open Structure Forms : 开盖式和开门式 Open Cover Type and Open Door Type

法兰板 Removable Plate : 可拆卸3mm法兰板 3mm Detachable Removable Plate

材料厚度 Material Thickness : 标配1.5mm (其他定制) Standard 1.5mm (Other Customized)

材质 Material : 304不锈钢 (表面拉丝处理) SS304 (Surface Brushed Polishing)  
 316、316L不锈钢 (表面拉丝处理) 316, SS316L (Surface Brushed Polishing)



防爆认证 Ex-Certification		
认证类别 Certificate Type	防爆标志 Ex-Mark	防护等级 Protection Grade
IECEX证书 IECEX Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia/ib IIC T6/T5/T4 Ga/Gb Ex tb IIIC T80°C/T95°C/T130°C Db	IP66
ATEX证书 ATEX Certificate	Ⓜ II 2G Ex eb IIC T6/T5/T4 Gb Ⓜ II 2G Ex ia/ib IIC T6/T5/T4 Ga/Gb Ⓜ II 1D Ex tb IIIC T80°C/T95°C/T130°C Db	
EAC证书 EAC Certificate	1 Ex eb IIC T6/T5/T4 Gb 1 Ex ia/ib IIC T6/T5/T4 Ga/Gb Ex tb IIIC T80°C/T95°C/T130°C Db	
CCC证书 CCC Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia/ib IIC T6/T5/T4 Ga/Gb Ex tb IIIC T80°C/T95°C/T130°C Db	
防爆合格证 Ex Conformity Certificate	Ex eb IIC T6/T5/T4 Gb Ex ia/ib IIC T6/T5/T4 Ga/Gb Ex tb IIIC T80°C/T95°C/T130°C Db	

序号 Serial Number	外形尺寸 Overall Dimensions (mm)			内部尺寸 Internal Dimensions (mm)			重量 Weight (kg)	体积 Volume (m <sup>3</sup> )
	长Length(mm)	宽Width(mm)	高Height(mm)	长Length(mm)	宽Width(mm)	高Height(mm)		
1 #	100	100	60	97	97	57	0.440	0.0006
2 #	150	150	80	147	147	77	0.960	0.0018
3 #	200	150	80	197	147	77	1.350	0.0024
4 #	300	200	110	297	197	107	3.000	0.0066
5 #	400	200	150	397	197	147	4.600	0.0120
6 #	400	400	150	397	397	147	7.400	0.0240
7 #	400	400	210	397	397	207	8.700	0.0336
8 #	500	400	150	497	397	147	8.500	0.0300
9 #	500	500	210	497	497	207	8.900	0.0525
10 #	600	400	210	596	396	206	9.800	0.0504
11 #	700	400	210	696	396	206	10.100	0.0588
12 #	700	700	300	696	696	296	11.800	0.1470
13 #	800	600	300	796	596	296	12.100	0.1440
14 #	1000	800	300	996	796	296	16.900	0.2400
15 #	800	800	400	796	796	396	14.800	0.2560
16 #	900	900	400	896	896	396	17.400	0.3240
17 #	1200	1200	400	1196	1196	396	20.400	0.5760








# 防爆电控盘装置

## Ex-proof Junction Boxes

产品系列 Model			
			
	BST9010系列	BST9030系列	BST9040系列
材料 Material	铸铝系列 Ex Cast Aluminium Series	不锈钢系列 Ex SS Series	碳钢系列 Ex Carbon Steel Enclosures Series
表面处理 Surface Treatment	高压静电喷塑 High Voltage Electrostatic Spray	抛光拉丝 Polishing/Brushing	高压静电喷塑 High Voltage Electrostatic Spray
环境 Working Environment	室内、室外 Indoor, Outdoor	室内、室外、港口、海洋 Indoor, Outdoor, Harbor, Ocean Engineering	室内、室外 Indoor, Outdoor
优势 Advantages	免维护、强度高 Maintenance-Free, High Strength	免维护、强度高 Maintenance-Free, High Strength	免维护、强度高 Maintenance-Free, High Strength
防化学腐蚀 Degree of Chemical Corrosion Resistant	好 Good	很好 Excellent	好 Good
防海水腐蚀 Degree of Seawater Corrosion Resistant	好 Good	很好 Excellent	不足 Weak
防紫外线 Degree of UV-Proof	很好 Excellent	很好 Excellent	很好 Excellent
特点 Specifications			
最低工作温度 Min Working Temperature	-55℃	-55℃	-55℃
最高工作温度 Max Working Temperature	60℃	60℃	60℃
抗冲击力 Impact Resistant	7J	10J	10J
IP防护等级 IP Protection Grade	IP66	IP66	IP66
防爆标志 Ex-Mark			
IECEX防爆标志 IECEX EX-Mark	Ex db IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80°C/T95°C/T130°C Db	Ex db IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80°C/T95°C/T130°C Db	Ex db IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80°C/T95°C/T130°C Db
ATEX防爆标志 ATEX EX-Mark	ⓂII 2 GD Ex db IIB +H2 T6/T5/T4 Gb ⓂII 1 D Ex tb IIIC T80°C/T95°C/T130°C Db	ⓂII 2 GD Ex db IIB +H2 T6/T5/T4 Gb ⓂII 1 D Ex tb IIIC T80°C/T95°C/T130°C Db	ⓂII 2 GD Ex db IIB +H2 T6/T5/T4 Gb ⓂII 1 D Ex tb IIIC T80°C/T95°C/T130°C Db
尺寸 Dimensions			
高x宽x深 (最小) mm H*W*D(min) mm	300x200x190	300x220x190	300x200x190
高x宽x深 (最大) mm H*W*D(max) mm	860x660x480	860x660x340	860x660x480
附件 Accessary Parts			
附件 Accessary Parts	壳盖带铰链、壳盖可卸掉、密封圈、固定脚、安装板、门把手、铭牌 Hinged Cover, Removable Shell Cover, Seal Ring, Fixed Foot, Mounting Plate, Cover Door Handle, Nameplate		



# 铸铝防爆电控盘装置

## Ex Cast Aluminium Junction Box

→ BST9110系列



适用范围 Intended use : 用于1区和2区, 用于21区和22区  
Suitable for the gas 1, 2 zone and dust 21,22 zone

使用环境温度 Ambient Temperature :  $-55^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ ,  $-20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$

防护等级 Degree of Protection : IP66

额定电压 Rated Voltage : Up to 1000V AC

额定电流 Rated Current : Up to 630A

端子截面积 Terminal Cross-Sectional Area :  $2.5\text{mm}^2$

紧固螺钉规格 Spec of Fasteners : M10×50

紧固螺钉等级 Fasteners Degree : 8.8

紧固螺钉拧紧力矩 Tightening Torque of Fasteners : 20N.m

外接地螺钉 External Earthing Bolt : M8×14

外壳材料 Material of Enclosure : 无铜铝; 外壳表面静电喷涂  
Copper-free aluminium enclosure with high voltage electrostatic spray



防爆认证 Ex-Certification		
认证类别 Certificate Type	防爆标志 Ex-Mark	防护等级 Protection Grade
IECEX证书 IECEX Certificate	Ex db IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80 C/T95 C/T130 C Db	IP66
ATEX证书 ATEX Certificate	ⓂII 2 GD Ex db IIB +H2 T6/T5/T4 Gb ⓂII 1 D Ex tb IIIC T80 C/T95 C/T130 C Db	
EAC证书 EAC Certificate	1 Ex db IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80 C/T95 C/T130 C Db	
CCC证书 CCC Certificate	Ex d IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80 C/T95 C/T130 C Db	
防爆合格证 Ex Conformity Certificate	Ex db IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80 C/T95 C/T130 C Db	

### 解决方案案例 Optional Ex-configuration Solutions



序号 Serial Number	外形尺寸 Overall Dimensions (mm)			内部尺寸 Internal Dimensions (mm)			重量 Weight (kg)	体积 Volume (m <sup>3</sup> )
	长Length(mm)	宽Width(mm)	高Height(mm)	长Length(mm)	宽Width(mm)	高Height(mm)		
1 #	300	200	190	239	139	153	10.443	0.0128
2 #	360	300	245	275	215	190	22.949	0.0289
3 #	460	360	245	371	271	189	37.337	0.0451
4 #	560	460	245	471	371	189	55.077	0.0713
5 #	560	460	340	466	366	284	63.957	0.0981
6 #	720	560	245	608	448	172	93.251	0.1071
7 #	720	560	340	607	447	267	108.127	0.1473
8 #	860	660	340	747	547	264	155.600	0.2107
9 #	860	660	480	740	540	404	180.657	0.2955



# 不锈钢防爆电控盘装置

Ex SS Series Junction Boxes

→ BST9130系列



适用范围 Intended Use : 用于1区和2区, 用于21区和22区  
Suitable for the gas 1, 2 zone and dust 21,22 zone

使用环境温度 Ambient Temperature : -55°C≤Ta≤+60°C, -20°C≤Ta≤+60°C

防护等级 Degree of Protection : IP66

额定电压 Rated Voltage : Up to 1000V AC

额定电流 Rated Current : Up to 630A

端子截面积 Terminal Cross-Sectional Area : 2.5mm<sup>2</sup>

紧固螺钉规格 Spec of Fasteners : M10×50

紧固螺钉等级 Fasteners Degree : 8.8

紧固螺钉拧紧力矩 Tightening Torque of Fasteners : 20N.m

外接地螺钉 External Earthing bolt : M8×14

外壳材料 Material of Enclosure : 304、316、316L不锈钢 (表面拉丝处理)  
304,316,SS316L(Surface Brushing Treatment)



### 防爆认证 Ex-Certification

认证类别 Certificate Type	防爆标志 Ex-Mark	防护等级 Protection Grade
IECEX证书 IECEX Certificate	Ex db IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80°C/T95°C/T130°C Db	IP66
ATEX证书 ATEX Certificate	ⓂII 2 GD Ex db IIB +H2 T6/T5/T4 Gb ⓂII 1 D Ex tb IIIC T80°C/T95°C/T130°C Db	
EAC证书 EAC Certificate	1 Ex db IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80°C/T95°C/T130°C Db	
CCC证书 CCC Certificate	Ex d IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80°C/T95°C/T130°C Db	
防爆合格证 Ex Conformity Certificate	Ex db IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80°C/T95°C/T130°C Db	

### 解决方案案例 Optional Ex-configuration Solutions



序号 Serial Number	外形尺寸 Overall Dimensions (mm)			内部尺寸 Internal Dimensions (mm)			重量 Weight (kg)	体积 Volume (m <sup>3</sup> )
	长Length(mm)	宽Width(mm)	高Height(mm)	长Length(mm)	宽Width(mm)	高Height(mm)		
1 #	300	220	190	254	178	167	21.785	0.0147
2 #	360	300	190	314	254	167	15.165	0.0236
3 #	460	360	245	404	304	209	65.508	0.0470
4 #	560	460	245	488	388	203	106.950	0.0670
5 #	560	460	340	488	388	298	120.555	0.0929
6 #	720	560	245	638	478	193	179.311	0.1162
7 #	720	560	340	638	478	288	196.578	0.1592
8 #	860	660	245	778	578	193	241.831	0.1609
9 #	860	660	340	778	578	288	262.747	0.2204

## 碳钢防爆电控盘装置

Ex Carbon Steel Enclosures Junction Box

→ BST9140系列



适用范围 Intended Use :	用于1区和2区, 用于21区和22区 Suitable for the gas 1, 2 zone and dust 21,22 zone
使用环境温度 Ambient Temperature :	-55°C≤Ta≤+60°C, -20°C≤Ta≤+60°C
防护等级 Degree of Protection :	IP66
额定电压 Rated Voltage :	Up to 1000V AC
额定电流 Rated Current :	Up to 630A
端子截面积 Terminal Cross-Sectional Area :	2.5mm <sup>2</sup>
紧固螺钉规格 Spec of Fasteners :	M10×50
紧固螺钉等级 Fasteners Degree :	8.8
紧固螺钉拧紧力矩 Tightening Torque of Fasteners :	20N.m
外接地螺钉 External Earthing bolt :	M8×14
外壳材料 Material of Enclosure :	碳钢 (表面喷涂塑粉) Carbon Steel (Surface Treatment With Special Plastic Powder Electrostatic Spraying)



防爆认证 Ex-Certification		
认证类别 Certificate Type	防爆标志 Ex-Mark	防护等级 Protection Grade
IECEX证书 IECEX Certificate	Ex db IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80 C/T95 C/T130 C Db	IP66
ATEX证书 ATEX Certificate	ⓂII 2 GD Ex db IIB +H2 T6/T5/T4 Gb ⓂII 1 D Ex tb IIIC T80 C/T95 C/T130 C Db	
EAC证书 EAC Certificate	1 Ex db IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80°C/T95°C/T130°C Db	
CCC证书 CCC Certificate	Ex d IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80 C/T95 C/T130 C Db	
防爆合格证 Ex Conformity Certificate	Ex db IIB +H2 T6/T5/T4 Gb Ex tb IIIC T80 C/T95 C/T130 C Db	

### 解决方案案例 Optional Ex-configuration Solutions



序号 Serial Number	外形尺寸 Overall Dimensions (mm)			内部尺寸 Internal Dimensions (mm)			重量 Weight (kg)	体积 Volume (m <sup>3</sup> )
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2 #	360	300	190	314	254	167	15.165	0.0236
3 #	460	360	245	404	304	209	65.508	0.0470
4 #	560	460	245	488	388	203	106.950	0.0670
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6 #	720	560	245	638	478	193	179.311	0.1162
7 #	720	560	340	638	478	288	196.578	0.1592
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9 #	860	660	340	778	578	288	262.747	0.2204



隔爆箱Ex元件

Optional Ex-accessories List for Operate Panel of Exd Junction Boxes

→ BST80系列			
图样 Illustration	名称 Name	图样 Illustration	名称 Name
	防爆信号灯 Ex-Signal Light		防爆按钮 (带灯A型) Ex-Button (Illuminated Button Model A)
	Exd防爆电位器模块1W Exd Ex-Potentiometer Module 1W		防爆按钮 (带灯B型) Ex-Button (Illuminated Button Model B)
	Exd防爆电位器模块2W Exd Ex-Potentiometer Module 2W		防爆观察窗模块 (不带电表) 1# Small Inspection Window (With Electric Meter)
	防爆按钮 (标准型) Ex-Button (Standard)		防爆观察窗模块 (不带电表) 2# Large Inspection Window (With Electric Meter)
	防爆按钮 (挂锁型) Ex-Button(Padlock)		防爆蜂鸣器 (闪光) Ex-Buzzer(Flash)
	防爆按钮 (急停) Ex-Button(Emergency Stop)		防爆蜂鸣器 (非闪光) Ex-Buzzer(Non-Flash)
	防爆按钮 (按拉式) Ex-Button(Push-Pull)		防爆开关 (合金旋钮) Ex-Switch(Alloy Knob)
	防爆按钮 (带钥匙急停) Ex-Button(Key Emergency Stop)		防爆转换开关 Ex-Transfer Switch(Black)
	防爆按钮 (带钥匙按钮) Ex-Button(Key)		防爆转换开关 (带护罩) Ex-Transfer Switch (Red/Yellow With Transparent Cover)
	防爆按钮 (橡胶套开关型) Ex-Button(Rubber Cover)		防爆开关 1# Small Ex-Switch
	防爆按钮 (移动式开关) Ex-Button(Removable Key)		防爆开关 2# Large Ex-Switch
	增安型防爆呼吸阀 Ex Exe Breathing Valve		隔爆型防爆呼吸阀 Ex Exd Breathing Valve

## 隔爆箱电缆固定头

Optional Ex-Cable Gland for Exd Junction Boxes

→ BST-Exd系列



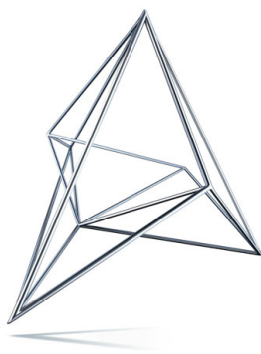
外部安装电缆固定头数量 Optional External-Mounted Ex-Cable Gland List

图样 Illustration	规格 Specification	A/B	C/D	规格 Specification	A/B	C/D	参考端面 Device End Surface
	M16×1.5	/	/	1/2"NPT	/	/	<p>A-顶 Top Side    B-底 Bottom Side C-左 Left Side    D-右 Right Side</p>
	M20×1.5	/	/	3/4"NPT	/	/	
	M25×1.5	/	/	1"NPT	/	/	
	M32×1.5	/	/	1 1/4"NPT	/	/	
	M40×1.5	/	/	1 1/2"NPT	/	/	
	M50×1.5	/	/	2"NPT	/	/	
	M63×1.5	/	/	2 1/2"NPT	/	/	
	M75×1.5	/	/	3"NPT	/	/	
	M80×2	/	/	3 1/2"NPT	/	/	
	M90×2	/	/	4"NPT	/	/	
	M100×2	/	/				

隔爆箱附件 Optional Accessories for Exd Junction Boxes

图样 Illustration	名称 Name	规格型号 Specification	材质 Material
	铰链 Hinge	1# or 2#	SUS304
	密封圈 Sealing Ring	φ4mm	硅橡胶 Silicone
	电气安装板 Electrical Nounting Plate	/	镀锌板 Galvanized Plate
	外部安装板 External Mounting Plate	/	碳钢 Carbon Steel
	门把手 Cover Door Handle	90mm or 120mm	铝合金 Aluminium Alloy
	内接地 Internal Grounding	M6/M8/M10	不锈钢 Stainless Steel
	外接地 External Grounding	M6/M8/M10	不锈钢 Stainless Steel





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