

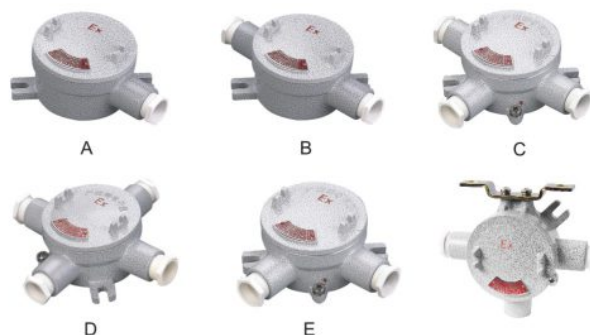
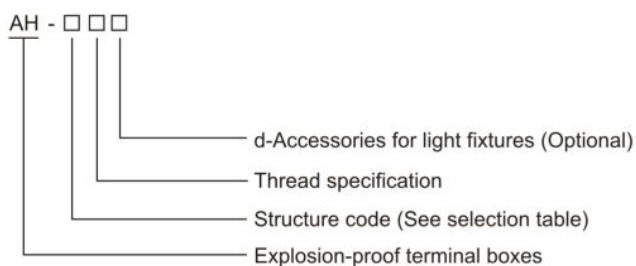
HEXLON

AH-Series Explosion-proof Terminal Boxes

1 Application and Features

- Explosion protection
 - China Ex(GB)
- Application in hazardous area
 - Zone 1 and Zone 2, Zone 21 and Zone 22
- This series product has 6 types for selection: A, B, C, D, E and d.
- Please specify when ordering if the cable inlet should be reduced.

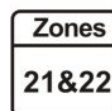
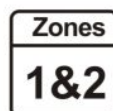
2 Nomenclature



Note: Please specify the reducer when ordering on request.

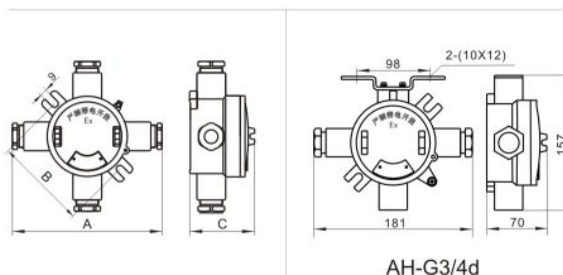
3 Technical Parameter

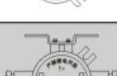
Ex marking	Gas	Ex d IIC T6 Gb					
	Dust	Ex tD A21 IP66 T80°C					
Conformity to standards		GB3836.1, GB3836.2, GB12476.1, GB12476.5					
Enclosure material		Aluminum alloy enclosure, powder coated, industrial gray with dark lines texture(RAL7035)					
Exposed fastener		Stainless steel					
Rated current		20A					
Rated voltage		Max. 500V AC					
Terminal block	Picture						
	Terminal quantity	4					
	Cable cross section	0.5~4.0mm ²					
Degree of protection		IP66					
Ambient temperature		-20°C~+40°C					
Cable entries	Thread	G1/2	G3/4	G1	G1 1/4	G1 1/2	G2
	Cable outer diameter (mm)	φ 8~φ 10	φ 9~φ 14	φ 11~φ 18	φ 14~φ 23	φ 17~φ 30	φ 24~φ 38
	Note	The thread can be customized as M20~63X1.5 or NPT1/2~2.					
Cable gland (Optional)		HLBM-□ is recommended, refer to Page D/11~D/20 for details.					
Main application		Type A, B, C, D, E are used for wiring or branching in the circuit; Type d as accessories for hanging type, ceiling type or wall type of light fixtures.					



4 Outline and Installation Dimension (Dimensions in mm)

Pipe thread	Cable outer diameter (mm)	A (mm)	B (mm)	C (mm)
G1/2	φ 8~φ 10	186	118	71
G3/4	φ 9~φ 14	186	118	71
G1	φ 11~φ 18	186	118	73
G1 1/4	φ 14~φ 23	200	118	87
G1 1/2	φ 17~φ 30	215	118	87
G2	φ 24~φ 38	276	155	105

**5 Selection Table**

Type	Structure code	Weight (kg)					
		G1/2	G3/4	G1	G1 1/4	G1 1/2	G2
AH-A□		0.62	0.66	0.7	0.9	0.9	1.3
AH-B□		0.67	0.73	0.73	1.0	1.1	1.6
AH-C□		0.74	0.82	0.85	1.2	1.3	1.9
AH-D□		0.8	0.9	0.9	1.4	1.5	2.1
AH-E□		0.67	0.73	0.73	1.0	1.1	1.6
AH-□d		—	0.72	—	—	—	—