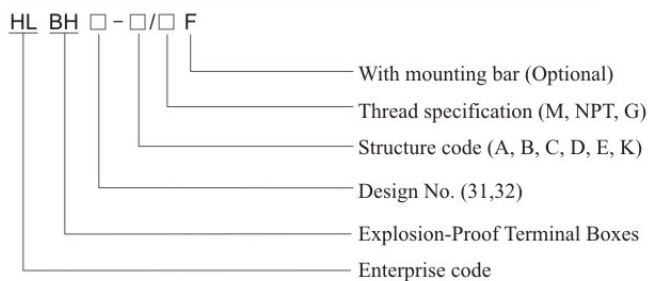


HLBH□-Series Explosion-proof Terminal Boxes

1 Explosion protection to

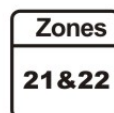
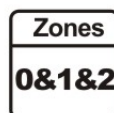
- CENELEC
- IEC
- ◆ Can be used in
 - Zone 0 and Zone 1 and Zone 2
 - Zone 21 and Zone 22
- ◆ Copper-free aluminium enclosure, powder coated surface
- ◆ Outer fasteners are made of stainless steel

2 Catalogue number logic



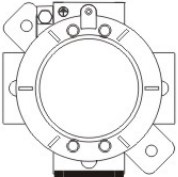
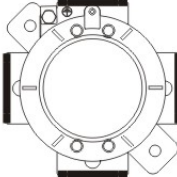
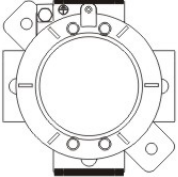
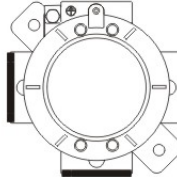
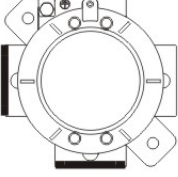
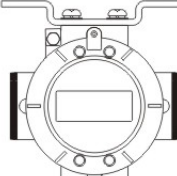
3 Technical data

Explosion protection		 II 2 G Ex db II C T6 Gb		Ex db II C T6 Gb		
Gas explosion protection		 II 1 G Ex ia II C T6 Ga		Ex ia II C T6 Ga		
Dust explosion protection		 II 2 G Ex ib II C T6 Gb		Ex ib II C T6 Gb		
		 II 2 D Ex tb IIIC T80°C Db		Ex tb IIIC T80°C Db		
Conformity to standards		EN 60079-0, EN 60079-1, EN 60079-11, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-11, IEC 60079-31				
Rated voltage		Ex db: Max. AC500V, DC220V; Ex i : Max. 36V				
Rated current		Ex db: 16A , 20A; Ex i : 5A				
Frequency		50Hz / 60Hz				
Ambient temperature		-60℃ ~ +55℃				
Ingress protection		IP66				
Terminal	Type	Max. current	Photo	Max. quantity	Weight	Application type
	MBK3/E-Z MBK5/E-Z JUT1-2.5E JUT1-4E	16A		6	0.05kg (6 pcs)	HLBH31
					0.04kg (6 pcs)	
	Pillar terminal M5-4	20A		4	0.08kg (4 pcs)	HLBH32
Thread specification Cable outer dia.		G1/2, NPT1/2, M20×1.5: φ7~φ10 G3/4, NPT3/4, M25×1.5: φ10~φ14 G 1 , NPT 1 , M32×1.5: φ12~φ18 G thread: only for the “i” and “t”				



HLBH□-Series Explosion-proof Terminal Boxes

4 Structure and weight

Type	Structure No.	Outline	Weight(Kg)	Type	Structure No.	Outline	Weight(Kg)
HLBH□-ANPT1/2	A		0.66	HLBH□-DNPT1/2	D		0.66
HLBH□-ANPT3/4			0.65	HLBH□-DNPT3/4			0.71
HLBH□-ANPT 1			0.62	HLBH□-DNPT 1			0.60
HLBH□-AM20 × 1.5			0.65	HLBH□-DM20 × 1.5			0.70
HLBH□-AM25 × 1.5			0.67	HLBH□-DM25 × 1.5			0.67
HLBH□-AM32 × 1.5			0.62	HLBH□-DM32 × 1.5			0.60
HLBH□-BNPT1/2	B		0.68	HLBH□-ENPT1/2	E		0.68
HLBH□-BNPT3/4			0.66	HLBH□-ENPT3/4			0.66
HLBH□-BNPT 1			0.61	HLBH□-ENPT 1			0.61
HLBH□-BM20 × 1.5			0.67	HLBH□-EM20 × 1.5			0.67
HLBH□-BM25 × 1.5			0.65	HLBH□-EM25 × 1.5			0.65
HLBH□-BM32 × 1.5			0.61	HLBH□-EM32 × 1.5			0.61
HLBH□-CNPT1/2	C		0.69	HLBH□-K/□	K		0.80
HLBH□-CNPT3/4			0.66				
HLBH□-CNPT 1			0.61				
HLBH□-CM20 × 1.5			0.69				
HLBH□-CM25 × 1.5			0.66				
HLBH□-CM32 × 1.5			0.61				

5 Outline and installation dimensions

