

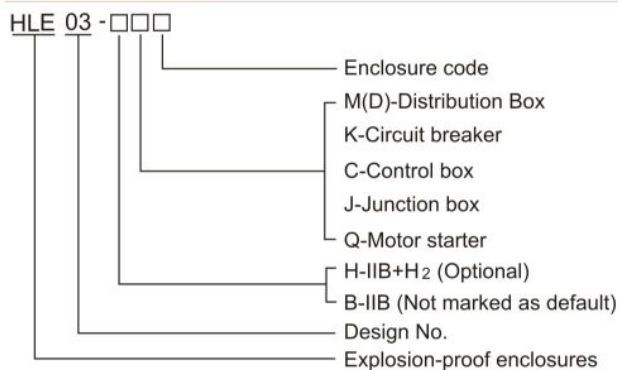
HLE03-Series Explosion-proof Enclosures

1 Application and Features

- Explosion protection
 - IECEX (IEC)
 - ATEX (CENELEC, EN)
 - China Ex(GB)
- Application in hazardous area
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- Die casting aluminum alloy enclosure.
- Cable entry holes, explosion-proof element hole or explosion-proof operation hole on the enclosure can be opened upon request, and comply with the restrictions on the usage of the certificate.
- The devices inside the enclosure shall meets the relevant standards of electrical equipment.
- Equipped with hinges and door handle, easy to installation and maintenance, also protect the flameproof surface from damage when the cover is opening or closing.
- Please specify the special requirements when ordering.



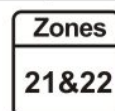
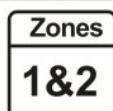
2 Nomenclature



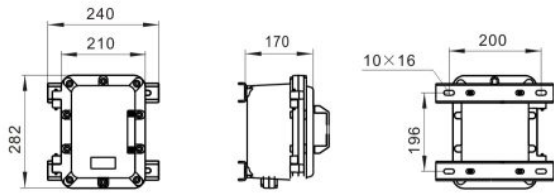
Note: Please specify the number, specification and position of the cable entry holes, ex-proof plug can be delivered according to the requirements and ex-proof cable glands provided by user.

3 Technical Parameter

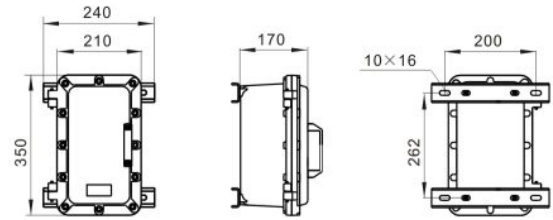
Ex marking	Gas	 II2 G Ex db IIB Gb		Ex db IIB Gb		Ex d IIB Gb		
	Dust	 II2 G Ex db IIB+H2 Gb		Ex db IIB+H2 Gb		Ex d IIB+H2 Gb		
		 II2 D Ex tb IIIC Db		Ex tb IIIC Db		Ex tD A21 IP66		
Conformity to standards		IEC 60079-0, IEC 60079-1, IEC 60079-31 EN 60079-0, EN 60079-1, EN 60079-31 GB3836.1,GB3836.2,GB12476.1,GB12476.5						
Material	Enclosure	Aluminum alloy enclosure, powder coated, industrial gray with dark lines texture (RAL7035)						
	Transparent parts	Toughened glass, resistant to 4J impact						
Exposed fastener		Stainless steel						
Degree of protection		IP66, (J03, J07, J08,J11, J15, if sealing strip is solid silicone rubber even upto IP67)						
Ambient temperature	Enclosure code	03,07,08,11,15		Without transparent 19,21		With transparent 19,21		
	Ambient temperature	-20℃ ~ +60℃, -40℃ ~ +60℃				-20℃ ~ +60℃		
	Service temperature	-20℃ ~ +100℃, -40℃ ~ +100℃				-20℃ ~ +100℃		
Components and accessories on the cover		HL0105 explosion-proof button see P B/71~76						
		HL0106 explosion-proof signal lamp see P B/77						
		HL0107 explosion-proof signal lamp see P B/78						
Cable entries		M□X1.5 as standard (upon request), NPT thread (optional), HLBM-□ is recommended, refer to Page D/11~D/20 for details.						
Installation Method		Hanging type (Standard)						
		Floor type (Optional)						
Weight of enclosre		03#	07#	08#	11#	15#	19#	21#
		9kg	11.5kg	16.6kg	26kg	48kg	85kg	95kg



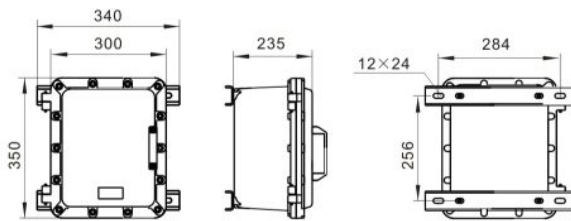
4 Outline and Installation Dimension(Dimensions in mm)



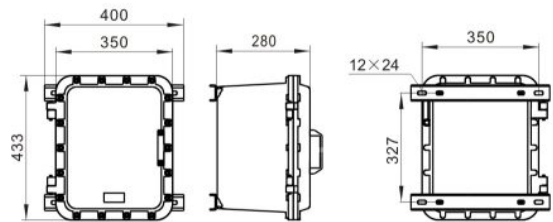
HLE03-03



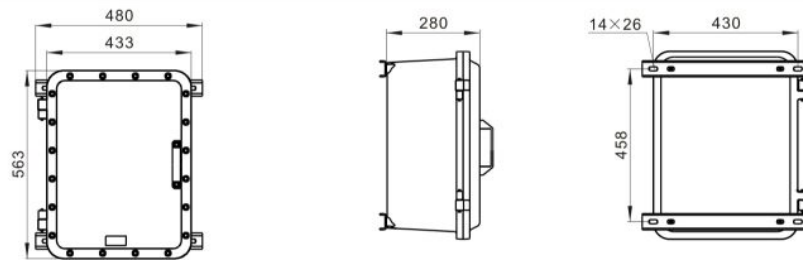
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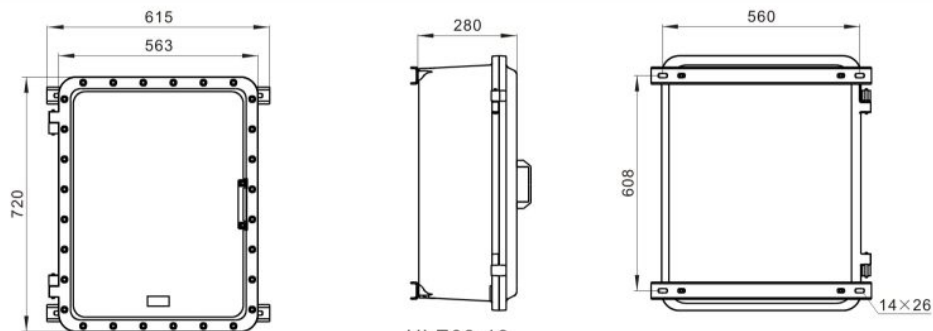
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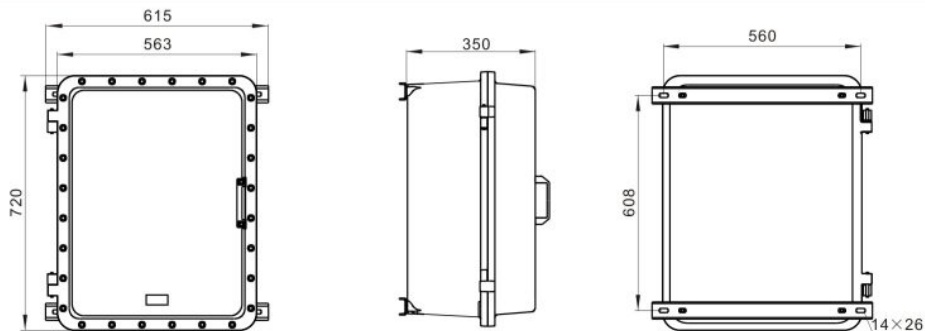
HLE03-11



HLE03-15

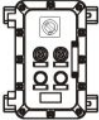
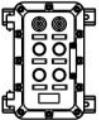
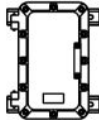
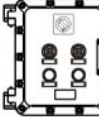
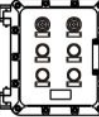
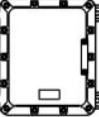
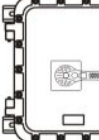
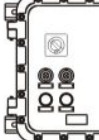
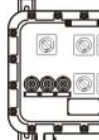
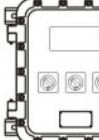
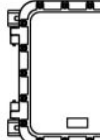
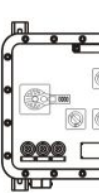
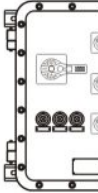
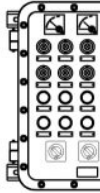
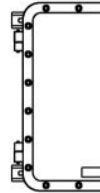
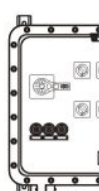
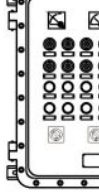
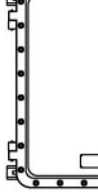


HLE03-19



HLE03-21

5 Outline Proposal

Enclosure code	Component layout				
03					
07					
08					
11					
					
15					
19/21					
					

Note: Other proposals can be provided upon request.