ZSFB XD(M)B58 Explosion-Proof Distribution Box for Lighting & Power

Application

- Widely used in hazardous environments such as oil & gas production, petroleum refining, chemical processing, pharmaceutical manufacturing, offshore platforms, and marine vessels
- Suitable for hazardous gas atmospheres in Zone 1 and Zone 2
- Suitable for explosive gas groups IIA, IIB, and IIC
- Suitable for combustible dust environments in Zone 21 and Zone 22
- Suitable for temperature classes T1–T6

Product Features

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- WF1:Outdoor medium corrosion resistance
- Cable entry(outgoing) thread specification
- Number of outgoing cable entries
- Direction: D:Top outlet / X:Bottom outlet
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- Number of outgoing cable entries
- Direction: D:Top outlet / X:Bottom outlet
- Rated current of main circuit breaker
- K: With main switch (optional)
- Branch Circuit Current
- Number of Branch Circuits
- Design Type
- Series Code
- Explosion-Proof Power Distribution Box

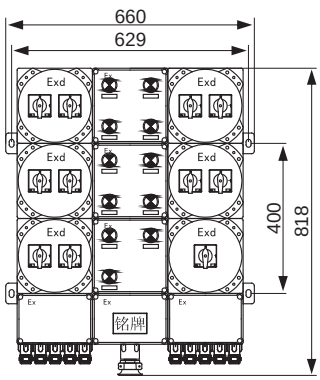
Selection Table

Model	Rated Voltage (V)	Main Circuit Rated Current (A)	Number of Branch Circuits	Main Switch Quantity	Branch Circuit Rated Current (A)	Ex Marking	Thread Size(G″)		Suitable Cable Diameter (mm)		Protection Degree
							Inlet	Outlet	Inlet	Outlet	
XD(M)B58-4	220 380	/	4	/	1 2 4 6 10 16	Exde Ⅱ BT5Gb DIPA21TA,T6	G1 1/4″ G1 1/2″	G1 3/4″ G1″	15~23 18~33 26~34 30~43 35~51	8~14 12~17 15~23 18~23	IP65
XD(M)B58-6			6								
XD(M)B58-8			8								
XD(M)B58-10			10								
XD(M)B58-12			12								
XD(M)B58-4K		25~32 40~63 80~160 180~225 250	4	1	20 25 32 40 50 63	Exd Ⅱ CT5 Gb DIPA20TA, T6	G2″ G2 1/2″ G3″	G1 1/4″ G1 1/2″			
XD(M)B58-6K			6								
XD(M)B58-8K			8								
XD(M)B58-10K			10								
XD(M)B58-12K			12								

Product Features

- Features a newly optimized design with upgraded internal components, improved wiring terminal layout, and a more rational overall structure
- Equipped with a patented operating mechanism, offering compact construction, excellent interchangeability, convenient operation, and reliable performance
- The switch chamber adopts a flameproof (Ex d) structure, while the busbar chamber and cable termination chamber utilize increased safety (Ex e) construction
- Modular design allows flexible configuration of branch circuits according to project requirements
- Operating handles are manufactured from metal as standard, providing higher durability compared with conventional plastic handles
- The sealing system utilizes one-piece molded polyurethane gasket technology, ensuring excellent ingress protection performance

Dimensions & Mounting



XD(M)B58-10K(Ⅱ C)