

Oil Machinery Connector





Technical Data

Operating Temperature	Lower limit-55°C; Upper limit+125°C	Salty Spray Corrosion	>96 hours
Relative Humidity	At 40°C, reaching 95%, 21 days	Overvoltage Category	III
Vibration	Vibration frequency 10-100Hz, acceleration 2g	Degree of Pollution	2/3
Shock	Acceleration 30g/18ms	Mechanical Life	>500 Cycles

Insulation Resistance

Normal	High Temperature	Damp Heat
≥ 5000MΩ	≥ 1000MΩ	≥ 100MΩ

Material

Shell	Aluminum Alloy
Insert	Flame resistance UL94V-0
Contacts	Copper Alloy Silver plating does not require code labeling, while gold plating requires adding a "J" after the product code.

Shell Spec——Contacts Arrangement

View from mating face of pin contacts (P)

● φ 1.5 ⊕ φ 2.5 ⊕ φ 3.5

Shell Spec	HFB 48			
Contacts No.	5	9	16	17
Contacts Arrangement				
Diameter Of Contacts × Qty	φ 3.5 (50A) X5	φ 3.5 (50A) X4 φ 2.5 (25A) X5	φ 2.5 (25A) X16	φ 1.5 (10A) X17
Rated Voltage(V)	500	500	400	400
Withstand Voltage(V)	4000	4000	3000	4000

Shell Spec	HFB 48			
Contacts No.	22	24	26	31
Contacts Arrangement				
Diameter Of Contacts × Qty	φ 2.5 (25A) X4 φ 1.5 (10A) X18	φ 2.5 (25A) X9 φ 1.5 (10A) X15	φ 2.5 (25A) X4 φ 1.5 (10A) X22	φ 1.5 (10A) X31
Rated Voltage(V)	400	400	400	400
Withstand Voltage(V)	2500	2500	2500	2500



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