

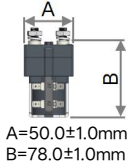
产品特点 [Product Features]



兼容传统安装尺寸、环氧胶封装、惰性气体保护

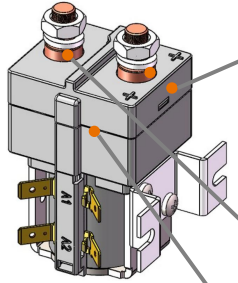
Compatible with traditional installation dimensions, epoxy resin encapsulation, inert gas protection.

- 负载电流范围：80-125A
Load current range
- 负载电压范围：12-500Vdc
Load voltage range



说明：本文件产品图片颜色与外形可能与实物存在差异，具体以实物为准。

Notes: The product images in this document may differ in color and appearance from the actual product, and the physical product shall prevail.



采用高性能环氧胶封装，触点由氮气保护，相比传统非密封直流接触器，能在低温、潮湿、粉尘等恶劣环境下实现更可靠的运行，同时产品外形与安装尺寸完全与之兼容。

Encapsulated with high-performance epoxy adhesive and contacts protected by nitrogen, compared to traditional non-sealed DC contactors, it can achieve more reliable operation in harsh environments such as low temperature, humidity, and dust, while maintaining full compatibility in product shape and installation dimensions.

主触点采用一体化结构设计，确保温升更低。

The power contacts adopt an integrated structure to ensure lower temperature rise.

动、静触点材料均为银合金，确保主触点不易粘连。

The moving and static contact materials are both silver alloys, ensuring that the power contacts do not easily welding.

产品应用 [Product Applications]

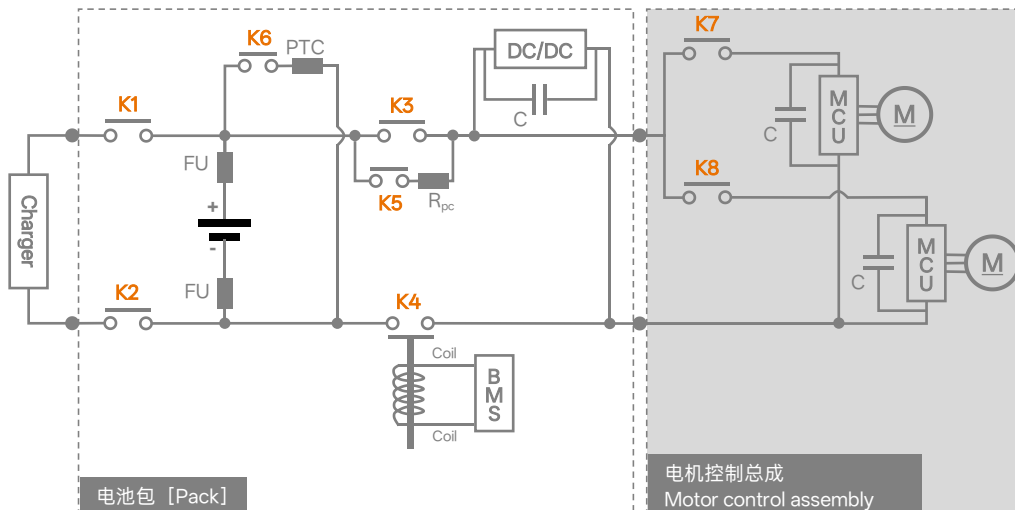
IVQ125 系列直流接触器主要用于工业车辆电机控制总成系统

The IVQ125 series DC contactors are primarily used in industrial vehicle motor control assembly systems.

● 典型应用场景 [Typical application scenarios]

设备名称 Device name	电动叉车 Electric forklifts	电动托盘搬运车 Electric pallet truck	电动高空作业车 Electric aerial work vehicle	电动搬运机器人 Electric handling robot	电动高尔夫球车 Electric golf cart
设备图片 Device images					

● 电动叉车典型控制线路图 [Typical Control Circuit Diagram of Electric Forklift]



说明 [Notes] :

1. 该接线图为简化的示意图，仅表达直流接触器的部分控制逻辑。
The wiring diagram is a simplified schematic diagram expressing only the partial control logic of the DC contactor.
2. 直流接触器 K1、K2、K3、K5、K6 线圈同 K4，均由 BMS 控制。
DC contactors K1, K2, K3, K5, K6 coils with K4, are controlled by BMS.

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