

能量回馈电抗器(ERR) Energy Regenerated Reactor

■ 产品概述(Product Introduction)

变频器制动时所产生的再生能量回馈到电网，并加以利用，但是整流单元是IGBT,会产生较多的高次谐波电流，进而会对电网污染。所以在变频器的前端加上能量回馈电抗器和滤波器组合以改善电能质量。

The regenerative energy generated by the converter during braking is fed back to the power grid and utilized. However, the rectifier unit IGBT will generate more high-order harmonic currents, which will pollute the power grid. Therefore, an energy regenerated reactor and filter combination are added in front of the converter to improve power quality.

额定电流范围 Rated Current Range: 10 ~ 1600A

额定电压范围 Rated Voltage Range: 220 ~ 1140V



■ 成品识别码(Product Identification Code)

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|---------------------------------------|-----------------------|---|---|
| ERR | 0080 | 0M54 | 0.4SC |
| 能量回馈电抗器 Energy Regenerated Reactor | 额定电流 Rated Current | 电感量 Inductance Value M: mH H: μH | 0.4: Rated Voltage 0.2=220V,0.4=380V,0.7=690V,1.1 = 1140V D: Single Phase S: Three Phase C: Copper A: Aluminum |