

PART / 01

PART / 02

– Medium & High
Voltage Power Factor Correction
中高压功率因数校正

PART / 03

PART / 04



Detuned Reactors

调谐电抗器

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These units are iron cored detuned filter reactors to be used at medium voltage power factor correction applications up to 12kV.

Detuned filters are power factor correction units with anti-resonance reactors connected in series with capacitor steps. The low impedance at 50 Hz and high impedance at common harmonic frequencies allows them to effectively protect the capacitor banks against the harmful effects of harmonics, while retaining the reactive power compensation function.

Iron core medium voltage detuned reactors are mainly used at applications where space is limited. In some cases they may present a more economical solution than an air cored counterpart. These units are designed for indoor use only.

铁芯调谐滤波电抗器用于12kV以下的中压功率因数校正应用。

调谐滤波电抗器串联电容器组形成一个在50Hz频率下的低通滤波支路，防止谐波对电容器组造成的影响，避免系统发生谐振。

铁芯中压调谐电抗器主要用于空间有限的场合。在某些情况下，它们可能比空心电抗器提供更为经济的解决方案。这些装置仅设计用于室内。

Main Features

主要特点

- | | |
|--|-------------------------------|
| - Highly permeable iron core. | - 高渗透铁芯 |
| - High quality copper or aluminium windings. | - 优质铜或铝绕组 |
| - High linearity. | - 高线性度 |
| - Low losses, high efficiency. | - 低损耗，高效率 |
| - Vacuum impregnated varnish to ensure silent and moisture-immune operation. | - 真空浸渍清漆，确保静音和防潮操作 |
| - CE sign and compatibility with EN 60076-11 and suitable subclauses. | - CE标志和与EN 60076-11及相应子条款的兼容性 |