

# 分相补偿并联电容器

## Split Phase Compensation Shunt Capacitor

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### 概述 General Description

随着无功补偿技术的发展，对于三相不平衡负载，可采用三相分别投切电容器的方式，分相补偿无功功率。这样使补偿精度更高，节电效果更佳。为此，我公司开发出分相补偿并联电容器，其外壳设有中性点引出接线端子，可方便地实现电容器的分相投切。该产品的主要特点、技术指标、使用条件、外形及安装尺寸均参见本公司BSMJ系列自愈式低压并联电容器的相应条件和参数。

With the development of reactive compensation technology, as for three-phase unbalanced load, to conduct the split phase compensation of the reactive power by applying the way of respective three-phase switching of capacitor, so as to improve the accuracy of the compensation and optimize electricity-saving result. In order to do so, our company has developed split phase compensation shunt capacitor. Its shell is designed with neutral points, from which the connecting terminals are led out. That will facilitate the split phase switching of capacitor. As to the main features, technical indexes, working conditions, appearance and mounting dimensions, refer to the relevant conditions and parameters of low-voltage shunt capacitor of BSMJ series manufactured by our company.

### 主要规格 Main specifications

| 型号规格<br>Model<br>BSMJ | 额定电压<br>Rated<br>voltage<br>kV | 额定容量<br>Rated<br>output<br>kvar | 总容量<br>Total<br>capacitance<br>$\mu$ F | 额定电流<br>Rated<br>current<br>A | 外形尺寸<br>长 宽 高(mm)<br>Overall dimension<br>L W H(mm) |
|-----------------------|--------------------------------|---------------------------------|--|-------------------------------|---|
| 0.23-3-3YN            | 0.23                           | 3                               | 180.5                                  | 4.3                           | 180 95 170  |
| 0.23-5-3YN            | 0.23                           | 5                               | 300.9                                  | 7.3                           | 180 95 170  |
| 0.23-7.5-3YN          | 0.23                           | 7.5                             | 451.3                                  | 10.9                          | 180 95 170  |
| 0.23-10-3YN           | 0.23                           | 10                              | 601.7                                  | 14.5                          | 180 95 230  |
| 0.23-15-3YN           | 0.23                           | 15                              | 902.6                                  | 21.7                          | 180 95 287  |
| 0.23-20-3YN           | 0.23                           | 20                              | 1203                                   | 29.0                          | 180 95 345  |
| 0.23-25-3YN           | 0.23                           | 25                              | 1504                                   | 36.2                          | 180 95 390  |