

# Low-Voltage motor in situ reactive compensation device

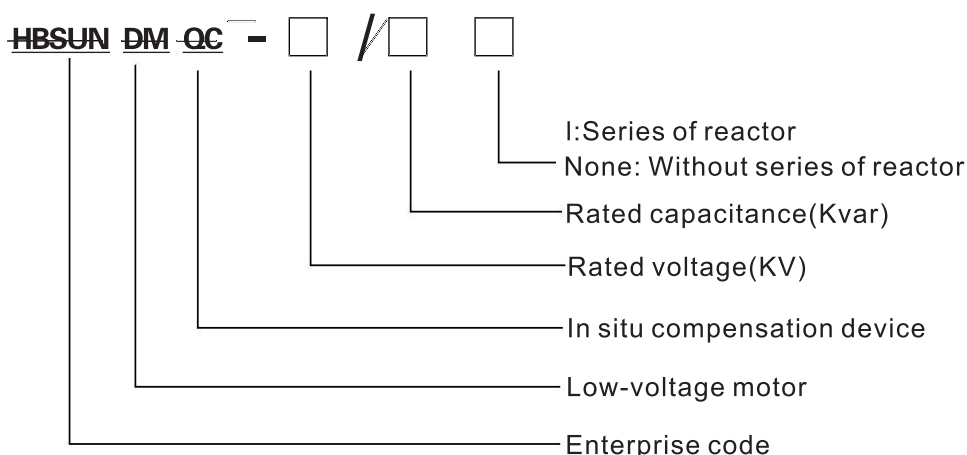
## Summary:

Induction motor that cost reactive compensation is a large proportion in the industrial and mining enterprise. So the induction motor use with in situ reactive compensation to improve the power factor, save energy reduce the operation cost and improve power quality that is great significant. Induction motor with reactive compensation device can effectively improve the startup performance and output. Can reduce the startup and running current, can urge motor economic operation, especially make in situ compensation to the three-phase induction motor which is far from power supply. Can greatly reduce reactive current in LV grid. Can reduce the transmission line loss and its voltage drop, ensure that motor start smoothly and adequate output .

## Technical Characteristics:

- Used to self-healing three-phase capacitor, metalized film structure, weak dielectric loss, High reliability.
- The capacitor must be discharged in 3 minutes to 75V or less with discharge resistor, small dimension, operating with motor in parallel without maintenance.
- Available with indoor type and outdoor type.

## Illustration:



## Type specification

Model	Rated capacitance(Kvar)	Rated current (A)	Dimension of cabinet (W×D×H)mm	Dimension of foundation base (W1×D2)mm	Cross-section
HBSUNDMQC-0.4-10	10	13.1	370×190×465	350×170	3×2.5
HBSUNDMQC-0.4-15	15	19.7	370×190×465	350×170	3×4
HBSUNDMQC-0.4-20	20	26.2	450×190×485	430×170	3×6
HBSUNDMQC-0.4-25	25	32.8	450×190×535	430×170	3×10
HBSUNDMQC-0.4-30	30	39.4	450×190×575	430×170	3×16
HBSUNDMQC-0.4-50	50	65.6	470×250×490	450×230	3×25
HBSUNDMQC-0.4-75	75	98.4	470×250×570	450×230	3×50
HBSUNDMQC-0.4-100	100	131.2	605×285×620	585×265	3×95