

Capacitor bank KBK-05/5 for rated voltage 500V



Capacitor bank KBK-05/5 is a device designed for use in underground mining pits in non-explosive coal dust conditions and on the ground.

Capacitor bank KBK-05/5 is designed for reactive power compensation group of receivers or individual receivers in mine distribution three-phase grid with isolated star point transformer (IT system) for rated grid voltage of 500V.

Capacitor bank KBK-05/5 is equipped with a power protections against short-circuits and overloads.

TECHNICAL DATA:

Ingress protection	IP54
Insulation rated voltage of main circuits	660V
Rated supply voltage	500V, 50Hz
Rated current	(23,34,45,69)A
Rated power	(40,60,120) kvar
Dimensions	900 x 600 x 370mm (H x W x D)
Weight	50kg

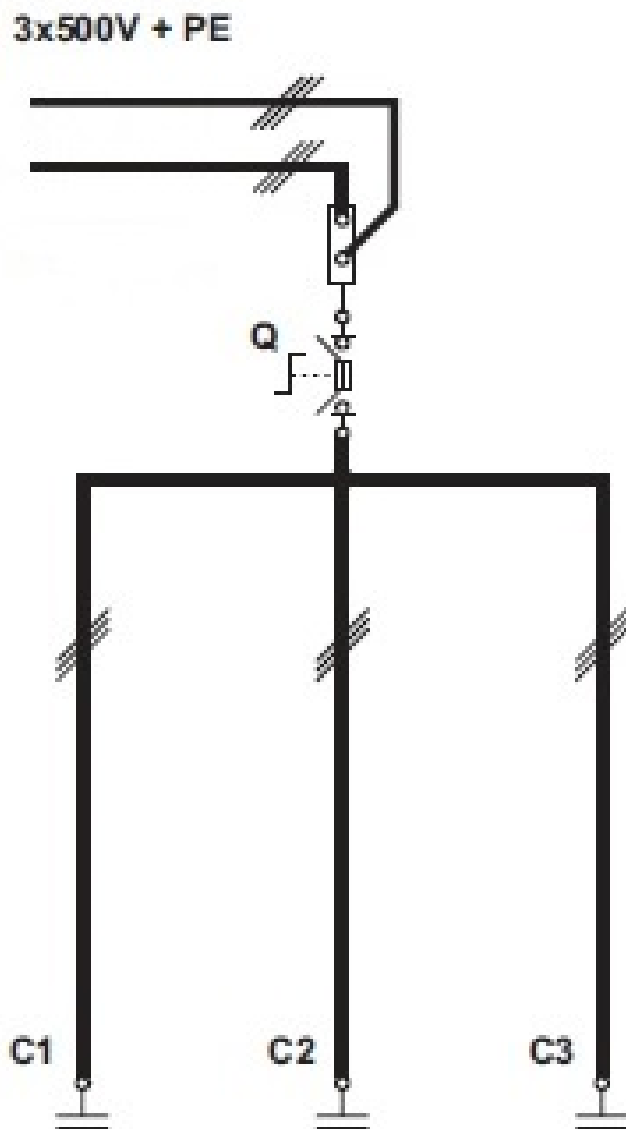
CONSTRUCTION

Capacitor bank is composed of a housing mounted on a frame construction, equipped with brackets. The brackets allow the device to be hung on a chain or to be welded to another construction.

MODE OF OPERATION

Capacitor bank is equipped with a 500V fuse switch. After feeder cable connection of receivers to bridge rail of capacity bank it is possible to compensate reactive power which is consumed by receiver (receivers).

SCHEMATIC DIAGRAM



Orders should be submitted in writing or by fax to the address:

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