



Capacitor bank KBK-05/4

for rated voltage 500V



Capacitor bank type KBK-05/4 is an electrical device designed to use in underground mining in explosion-free localisations as well as on the ground.

Capacitor bank type KBK-05/4 is used for reactive power compensation for group receivers in a 3-phase mine grid with insulated transformer star point (IT system) for the rated supply voltage of 500V.

Capacitor bank type KBK-05/4 is equipped with power protection against short-circuits and overloads.

TECHNICAL DATA:

ingress protection	IP54
rated insulation voltage of main circuits	660 V
rated power supply voltage	500V,50Hz
rated current	23, 34, 45, 69 A
rated power	20, 30, 40, 60 kvar
dimensions	1300 x 500 x 370mm (height x width x depth)
weight	50 kg

CONSTRUCTION

The capacitor bank consists of a housing mounted on a frame with handles allowing to mount hooks and chains used for suspending it or mounting it on another metal construction (welding).

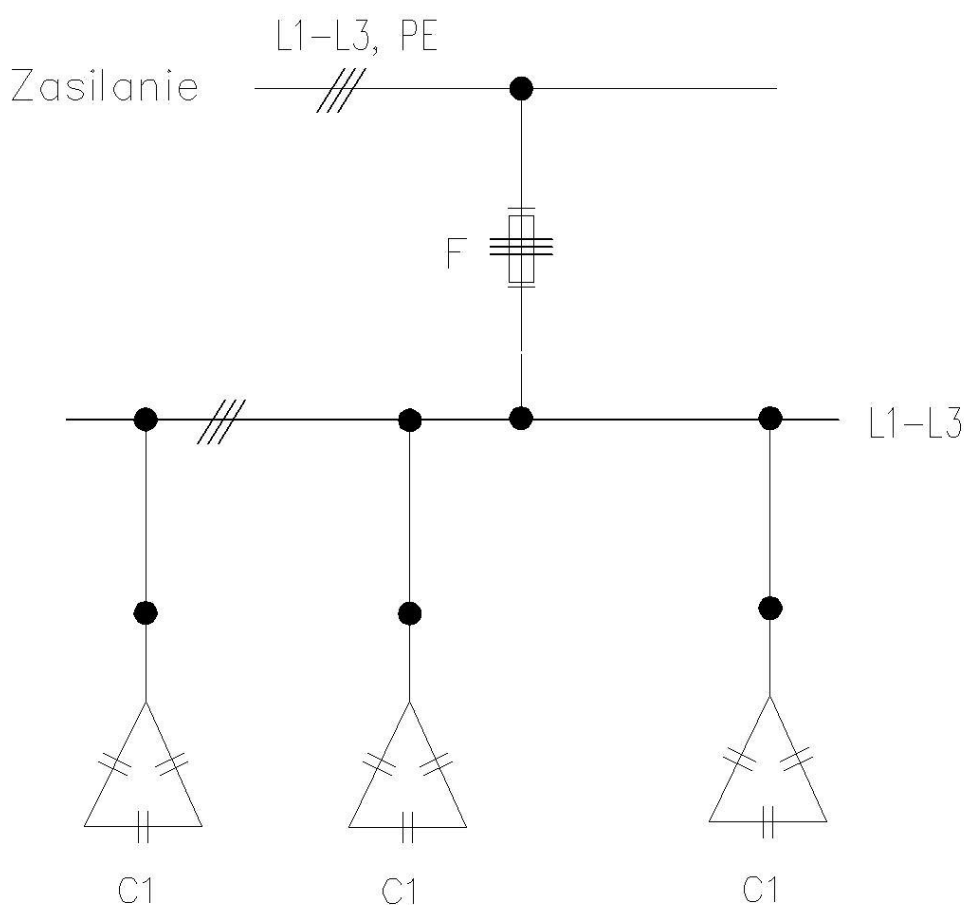
MODE OF OPERATION

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

Legend:

Zasilanie – power supply



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

 **Instal-Service PL**

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