

## APPLICATION:

Capacitor KIPP is designed specially for DC applications and By-pass, coupling, impulse discharge energy, generator test cable, radar, laser, X-ray equipment.

## TECHNOLOGY - ALL film

Dielectric mixed:

polypropylen, paper

Elektrode:

foil AL

Filling material:

Baylectrol

## CLIMATIC DATA:

Range temperature:

-25°C ÷ +55°C

Storage temperature:

-40°C ÷ +85°C

Colling:

air

## TECHNICAL WORKING DATA:

- DC

- Periodical stroke working, discharge periodic and aperiodic to go out

- Repeat frequency:

0,33 Hz

\* frequency oscillate

≤ 10 kHz

- Long - listing work/ day

2-3 h

- Load discharge

> 2 x 10<sup>6</sup>

# MITRA

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### Technical data:

Rated capacitance  $C_N$

65  $\mu\text{F} \pm 10\%$

Rated voltage  $U_N$

4000 V DC

Electric strength:

- between terminals  $U_{TT}$

1,25  $U_N$  - 10 min

- between interconnected terminals and casing  $U_{TC}$

5000 VAC

Energy of blow:

520 J

Voltage rate of raise  $du/dt$

500 V/ $\mu\text{s}$

Maximum current  $I_{\text{max}}$

80  $A_{\text{rms}}$

Maximum peak current  $I_{\text{pik max}}$

12 kA

Maximum surge current  $I_s$

28 kA

Dissipation factor at 50 Hz

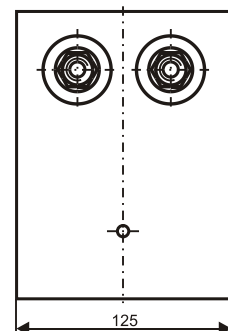
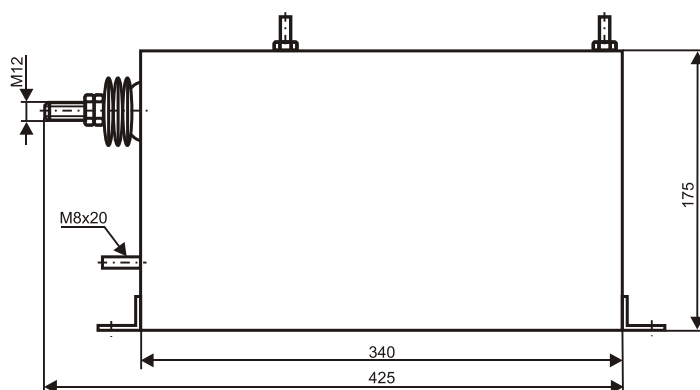
20 x 10<sup>-4</sup>

Casing:

steel

Mounting position:

upright



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### Technical data:

Rated capacitance  $C_N$

2 x 50  $\mu$ F  $\pm$ 10 %

Rated voltage  $U_N$

3150 V DC

Electric strength:

- between terminals  $U_{TT}$

4725 VDC - 10 s

- between interconnected terminals and casing  $U_{TC}$

7300 VAC - 10 s

Energy of blow:

496 J

Voltage rate of raise  $du/dt$

500 V/  $\mu$ s

Maximum current  $I_{max}$

80 A<sub>rms</sub>

Maximum peak current  $I_{pik max}$

15 kA

Maximum surge current  $I_s$

32 kA

Dissipation factor at 50 Hz

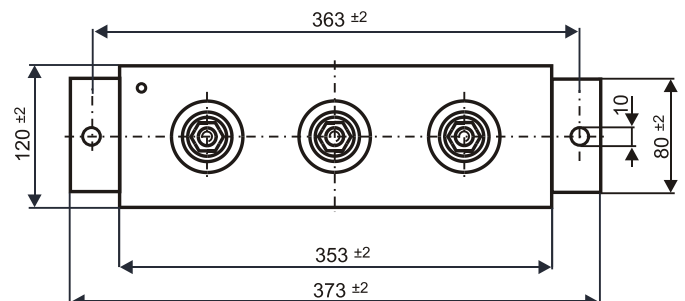
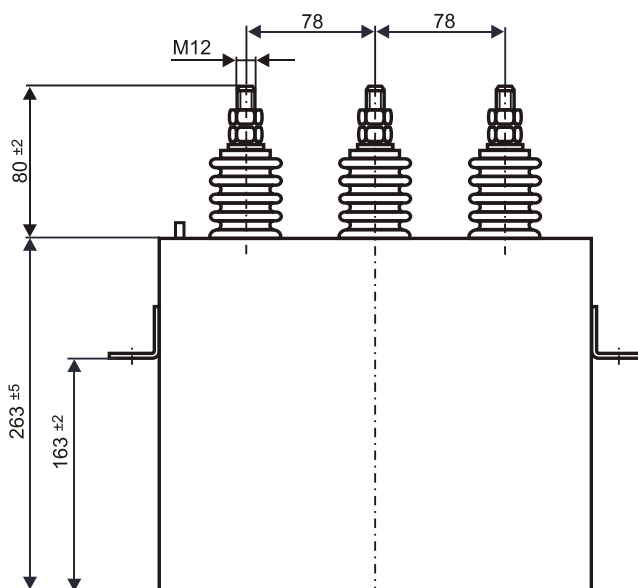
30 x 10<sup>-4</sup>

Casing:

steel

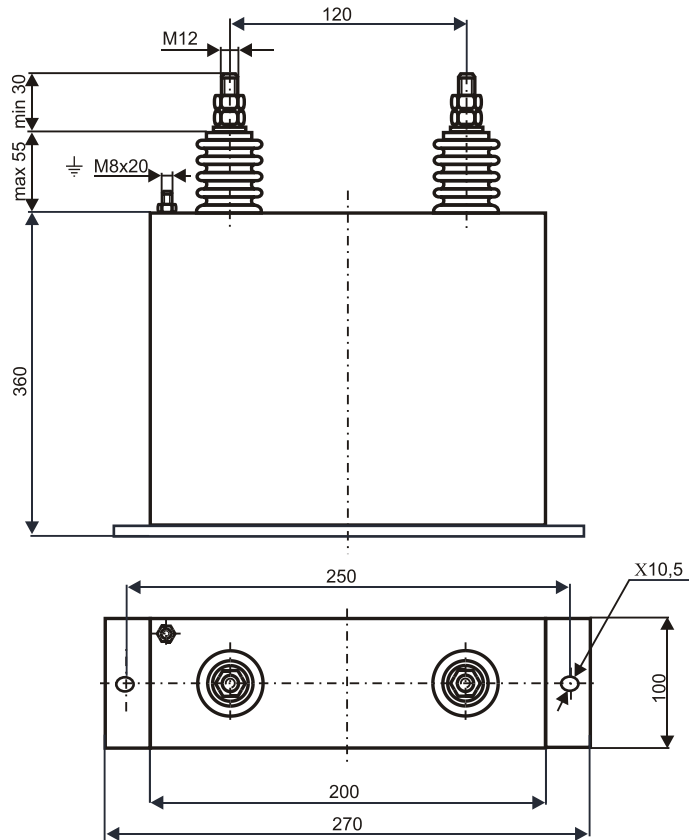
Mounting position:

upright



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## Technical data:

Rated capacitance  $C_N$

50  $\mu$ F  $\pm$ 10 %

Rated voltage  $U_N$

3000 V DC

Dielectric strength:

- between terminals  $U_{TT}$

5000 VDC - 10 s

- between interconnected terminals and casing  $U_{TC}$

18000 VDC - 10 s

Energy of blow:

225 J

Voltage rate of raise  $du/dt$

500 V/ $\mu$ s

Maximum current  $I_{max}$

80 A<sub>rms</sub>

Maximum peak current  $I_{pik max}$

15 kA

Maximum surge current  $I_s$

32 kA

Dissipation factor at 50 Hz

$30 \times 10^{-4}$

Casing:

steel

Mounting position:

upright

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