

Medical Transformers

1 PHASE SERIES, TYPE KKSA, KKS, KLMX/SK



1 PHASE TRANSFORMER SERIES FOR MEDICAL APPLICATIONS

- This new high quality series of transformers has been designed to be cost-effective!
- The effective manufacturing methods cause less strain on the environment and all the raw materials can be recycled.
- Transformers can be manufactured according to customer's specified specifications.

Technical specifications

| | |
|---------------------|---|
| Standards | EN 61558-1, EN 61558-2-15 (Tested and approved by SGS Fimko) |
| Insulation class | F(155°C) |
| Ambient temperature | 45°C |
| Protection class | IP00 / IP23 |
| Frequency | 50/60 Hz |
| Primary voltage | 230V |
| Secondary voltage | 2x115V |

| | |
|------------------|--|
| Terminals | Screw terminal blocks |
| Protection class | IP00 / IP23 |
| Installation | Screw fastening (KLMX/SK is portable) |
| Optional | <ul style="list-style-type: none"> • Current transformer • Thermal sensor • Protection relay • Inrush current limiting devices |

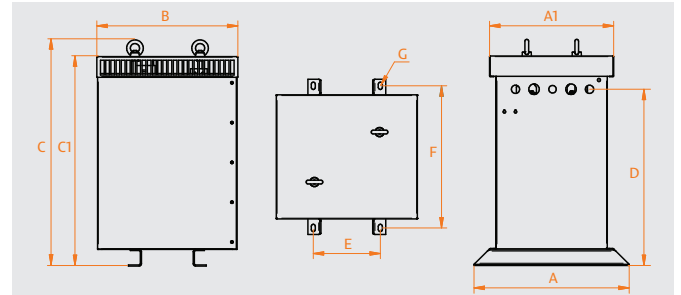
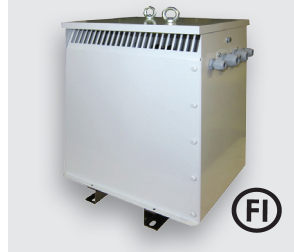
| Power VA | Po/W | Pk/W | Uk/% | Io/% | Leakage current/mA | Primary fuse (slow) /A | Connection cable / mm ² |
|----------|------|------|-------|------|--------------------|------------------------|------------------------------------|
| 500 | 35 | - | 2,5 | 15 | | | |
| 1200 | 15 | - | 2,7 | 15 | | | |
| 2000 | 20 | - | 2,7 | 10 | | | |
| 3500 | 25 | 120 | < 3,5 | < 3 | 0,2 | 20 | 6 |
| 5500 | 35 | 200 | < 3,5 | < 3 | 0,2 | 35 | 10 |
| 7500 | 45 | 220 | < 3 | < 3 | 0,4 | 50 | 16 |

Encapsulated, type KKS, IP20

Picture 1



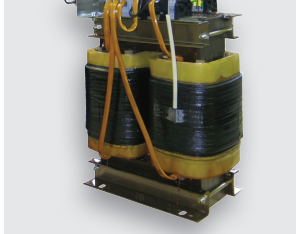
Picture 2



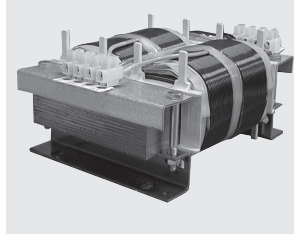
| Power VA | Model | Dimensions (mm) | | | | | | | | | Picture No. | Weight kg |
|----------|-------|-----------------|-----|-----|-----|-----|-----|-----|-----|-------|-------------|-----------|
| | | A | A1 | B | C | C1 | D | E | F | G | | |
| 500 | KKS- | 200 | | 338 | 210 | | | | | | 1 | 15,00 |
| 1200 | KKS- | 265 | | 455 | 250 | | | | | | 1 | 26,00 |
| 2000 | KKS- | 265 | | 455 | 250 | | | | | | 1 | 35,00 |
| 3500 | KKS- | 419 | 335 | 381 | 611 | 566 | 476 | 181 | 384 | 11x20 | 2 | 51,50 |
| 5500 | KKS- | 419 | 335 | 381 | 611 | 566 | 476 | 181 | 384 | 11x20 | 2 | 62,00 |
| 7500 | KKS- | 419 | 335 | 381 | 619 | 574 | 485 | 181 | 384 | 11x20 | 2 | 74,00 |

Open, type KKSA, IP00

Picture 3



Picture 4



| Power VA | Model | Dimensions (mm) | | | Picture No. | Weight kg |
|----------|-------|-----------------|-----|-----|-------------|-----------|
| | | A | B | C | | |
| 500 | KKSA- | 155 | 250 | 115 | 4 | 12,00 |
| 1200 | KKSA- | 200 | 260 | 135 | 4 | 21,00 |
| 2000 | KKSA- | 200 | 260 | 200 | 4 | 30,00 |
| 3500 | KKSA- | 180 | 250 | 280 | 3 | 42,60 |
| 5500 | KKSA- | 200 | 290 | 440 | 3 | 53,10 |
| 7500 | KKSA- | 210 | 290 | 460 | 3 | 64,60 |

Encapsulated, type KLMX/SK, IP23



| Power VA | Type | Dimensions (mm) | | | Weight kg | Sockets pc |
|----------|---------------------|-----------------|-----|-----|-----------|------------|
| | | A | B | C | | |
| 320 | KLMX/SK320-230/230 | 254 | 134 | 87 | 4,6 | 2 |
| 650 | KLMX/SK650-230/230 | 315 | 195 | 125 | 8,5 | 4 |
| 1200 | KLMX/SK1200-230/230 | 315 | 195 | 125 | 13,5 | 4 |

Muuntosähkö

Trafox is a brand of Muuntosähkö Oy. We develop, manufacture and customise high-quality transformers, chokes, filters and Trafox Superintend® monitoring devices for a large number of applications.

MUUNTOSÄHKÖ OY TRAFIX

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