

## Single-phase transformers with direct isolation output



**Power:** 30 ÷ 3000 VA

**Input voltage:** 0 230 400 ± 15V VAC

**Secondary circuit output voltage:** 0 115 or 0 230 VAC

### Technical data

Duty cycle: continuous

Frequency: 50/60 Hz

Protection rating: IP 00

Terminal block protection rating: IP 20

Ambient temperature: +40°C MAX

Thermal insulation class: B/130°C ENEC - F/155°C UL

Protection against direct and indirect contact: class I

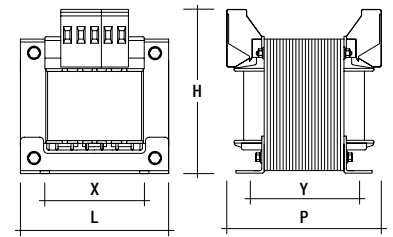
Winding material: copper

Standards: EN61558-2-4

Approvals: cURus (insulation systems AB155 UL CSA file number E340840)  
ENEC05 - KEMA-KEUR



Approved transformers for isolation circuits. The insulation between the primary and secondary winding is double and created with the UL CSA certified insulation system. Primary winding with adjustment sockets. UME-V series units are designed for general use.



| Pri. 230 400 ± 15V<br>Sec. 115<br>code | Pri. 230 400 ± 15V<br>Sec. 230<br>code | Power<br>(VA) | Length<br>L (mm) | Depth<br>P (mm) | Height<br>H (mm) | Fixing |     | Weight<br>(Kg) | Losses<br>FE W | Losses<br>CU | Vcc<br>% |
|--|--|---------------|------------------|-----------------|------------------|--------|-----|----------------|----------------|--------------|----------|
|  |  |               |                  |                 |                  | X      | Y   |                |                |              |          |
| UMEV30AD                               | UMEV30AE                               | 30            | 76               | 70              | 85               | 53     | 49  | 1,3            | 7              | 10           | 10,5     |
| UMEV50AD                               | UMEV50AE                               | 50            | 76               | 75              | 85               | 53     | 53  | 1,5            | 8              | 8,6          | 9,5      |
| UMEV63AD                               | UMEV63AE                               | 63            | 85               | 85              | 90               | 60     | 60  | 1,9            | 11,8           | 8,6          | 9        |
| UMEV80AD                               | UMEV80AE                               | 80            | 85               | 90              | 90               | 60     | 65  | 2              | 13             | 8            | 8,3      |
| UMEV10BD                               | UMEV10BE                               | 100           | 85               | 95              | 90               | 60     | 70  | 2,2            | 14             | 7,8          | 8,5      |
| UMEV15BD                               | UMEV15BE                               | 150           | 97               | 90              | 98               | 68     | 72  | 2,8            | 17             | 6            | 6,5      |
| UMEV20BD                               | UMEV20BE                               | 200           | 97               | 100             | 98               | 68     | 87  | 4              | 23             | 5,8          | 5        |
| UMEV25BD                               | UMEV25BE                               | 250           | 120              | 95              | 130              | 80     | 77  | 4,5            | 25             | 6            | 5,5      |
| UMEV30BD                               | UMEV30BE                               | 300           | 120              | 100             | 130              | 80     | 83  | 5,5            | 30             | 6,3          | 5,2      |
| UMEV40BD                               | UMEV40BE                               | 400           | 120              | 110             | 130              | 80     | 93  | 6              | 35             | 4,8          | 5        |
| UMEV50BD                               | UMEV50BE                               | 500           | 120              | 120             | 130              | 80     | 103 | 7,5            | 37             | 4,7          | 5        |
| UMEV55BD                               | UMEV55BE                               | 550           | 135              | 117             | 140              | 90     | 88  | 8              | 40             | 5,5          | 4,4      |
| UMEV60BD                               | UMEV60BE                               | 600           | 150              | 110             | 155              | 105    | 80  | 8,5            | 45             | 5            | 4        |
| UMEV63BD                               | UMEV63BE                               | 630           | 150              | 110             | 155              | 105    | 80  | 8,5            | 45             | 5            | 4        |
| UMEV70BD                               | UMEV70BE                               | 700           | 150              | 120             | 155              | 105    | 90  | 10             | 48             | 4            | 3,8      |
| UMEV80BD                               | UMEV80BE                               | 800           | 150              | 130             | 155              | 105    | 100 | 11,5           | 50             | 3,8          | 3,5      |
| UMEV10CD                               | UMEV10CE                               | 1000          | 150              | 140             | 155              | 105    | 110 | 13             | 58             | 3            | 3,2      |
| *UMEV13CD                              | *UMEV13CE                              | 1300          | 180              | 145             | 180              | 128    | 110 | 16             | 85             | 3,1          | 3,8      |
| *UMEV16CD                              | *UMEV16CE                              | 1600          | 180              | 145             | 180              | 128    | 110 | 18             | 88             | 3,2          | 4        |
| *UMEV20CD                              | *UMEV20CE                              | 2000          | 193              | 160             | 190              | 135    | 125 | 23             | 92             | 2,5          | 3        |
| *UMEV25CD                              | *UMEV25CE                              | 2500          | 193              | 170             | 190              | 135    | 135 | 25             | 110            | 2            | 2,8      |
| *UMEV30CD                              | *UMEV30CE                              | 3000          | 193              | 180             | 190              | 135    | 145 | 27             | 130            | 1,9          | 2,6      |

\* Transformers without ENEC05 – KEMA-KEUR approval

The data in this catalogue are not binding. We reserve the right to make changes without notice.