

## Single-phase transformers for general use safety - isolation - control



**Power:** 30 ÷ 3700 VA

**Input voltage:** 100 ÷ 600 VAC

**Secondary circuit output voltage:** 6 ÷ 600 VAC

**Maximum current:** 170A secondary

### 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 or F/155°C

Protection against direct and indirect contact: class I

Winding material: copper

Standards: EN61558-2-2 EN61558-2-4 EN61558-2-6

Approvals: cURus (insulation systems AB155 UL CSA file number E340840)

Transformers for control, safety and isolation circuits. The insulation between the primary and secondary winding is double and created with the UL CSA certified insulation system.

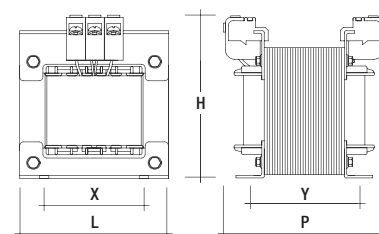
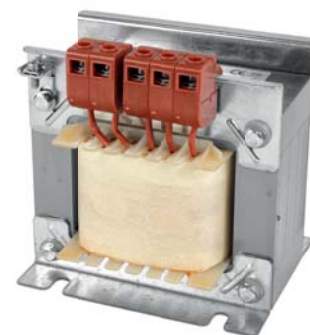
MON series units are manufactured on demand for general uses.

### Optional accessories:

Terminal blocks with fuse-holder

Protection thermal switches

Electrostatic shield



| Safety code | Isolation code | Control code | Power (VA) | Length L (mm) | Depth P (mm) | Height H (mm) | Fixing |     | Weight (Kg) |
|-------------|----------------|--------------|------------|---------------|--------------|---------------|--------|-----|-------------|
|             |                |              |            |               |              |               | X      | Y   |             |
| MONS30AXX   | MONI30AXX      | MONC30AXX    | 30         | 76            | 70           | 85            | 53     | 47  | 1,3         |
| MONS40AXX   | MONI40AXX      | MONC40AXX    | 40         | 76            | 75           | 85            | 53     | 53  | 1,5         |
| MONS50AXX   | MONI50AXX      | MONC50AXX    | 50         | 76            | 80           | 85            | 53     | 59  | 1,6         |
| MONS63AXX   | MONI63AXX      | MONC63AXX    | 63         | 85            | 85           | 90            | 60     | 60  | 1,9         |
| MONS80AXX   | MONI80AXX      | MONC80AXX    | 80         | 85            | 90           | 90            | 60     | 65  | 2           |
| MONS10BXX   | MONI10BXX      | MONC10BXX    | 100        | 85            | 95           | 90            | 60     | 70  | 2,2         |
| MONS12BXX   | MONI12BXX      | MONC12BXX    | 120        | 97            | 85           | 98            | 68     | 68  | 2,5         |
| MONS15BXX   | MONI15BXX      | MONC15BXX    | 150        | 97            | 90           | 98            | 68     | 72  | 2,8         |
| MONS20BXX   | MONI20BXX      | MONC20BXX    | 200        | 97            | 100          | 98            | 68     | 87  | 4           |
| MONS25BXX   | MONI25BXX      | MONC25BXX    | 250        | 120           | 95           | 130           | 80     | 77  | 4,5         |
| MONS30BXX   | MONI30BXX      | MONC30BXX    | 300        | 120           | 100          | 130           | 80     | 83  | 5,5         |
| MONS40BXX   | MONI40BXX      | MONC40BXX    | 400        | 120           | 110          | 130           | 80     | 93  | 7,5         |
| MONS50BXX   | MONI50BXX      | MONC50BXX    | 500        | 135           | 117          | 140           | 90     | 88  | 8           |
| MONS60BXX   | MONI60BXX      | MONC60BXX    | 600        | 150           | 110          | 155           | 105    | 80  | 8,5         |
| MONS70BXX   | MONI70BXX      | MONC70BXX    | 700        | 150           | 120          | 155           | 105    | 90  | 10          |
| MONS80BXX   | MONI80BXX      | MONC80BXX    | 800        | 150           | 130          | 155           | 105    | 100 | 11,5        |
| MONS10CXX   | MONI10CXX      | MONC10CXX    | 1000       | 150           | 140          | 155           | 105    | 110 | 13          |
| MONS12CXX   | MONI12CXX      | MONC12CXX    | 1200       | 180           | 145          | 180           | 128    | 110 | 16          |
| MONS15CXX   | MONI15CXX      | MONC15CXX    | 1500       | 180           | 145          | 180           | 128    | 110 | 18          |
| MONS20CXX   | MONI20CXX      | MONC20CXX    | 2000       | 193           | 160          | 190           | 135    | 125 | 23          |
| MONS25CXX   | MONI25CXX      | MONC25CXX    | 2500       | 193           | 170          | 190           | 135    | 135 | 25          |
| MONS30CXX   | MONI30CXX      | MONC30CXX    | 3000       | 193           | 180          | 190           | 135    | 145 | 27          |
| MONS35CXX   | MONI35CXX      | MONC35CXX    | 3500       | 193           | 190          | 190           | 135    | 155 | 29          |
| MONS37CXX   | MONI37CXX      | MONC37CXX    | 3700       | 193           | 200          | 190           | 135    | 165 | 32          |