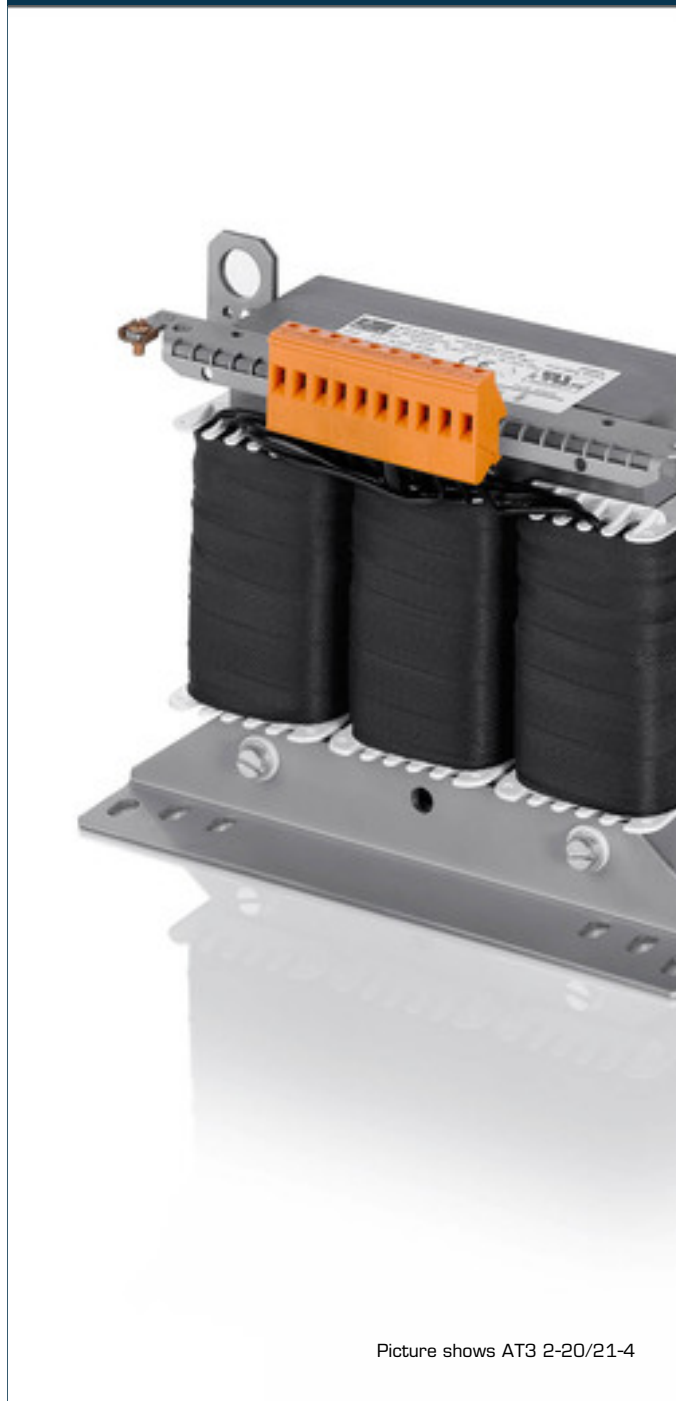


# Autotransformer AT3 70-24/35-4



Picture shows AT3 2-20/21-4

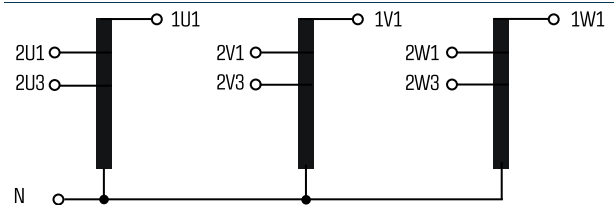
## Advantages

|  |
|--|
| Reverse mode possible  |
| Very high efficiency   |
| Patented assembly technology to lower heat losses                                      |
| Very good corrosion protection and low noise thanks to BLOCK IMPEX vacuum impregnation |
| Fixed, contact protected screw connection terminals complying with UVV BGV A3          |
| Multifunctional fixing rails with 12 oval slots  |
| Enlarged fixing rail for easy installation from above                                  |
| Integrated crane eyes  |

## Applications

Autotransformer for adjustment of the voltage on the input and output sides with no requirement for electrical isolation.

## Sample application



## Standards

Autotransformer  
to: VDE 0570 Teil 2-13, DIN EN 61558-2-13, EN 61558-2-13,  
IEC 61558-2-13

## Approvals



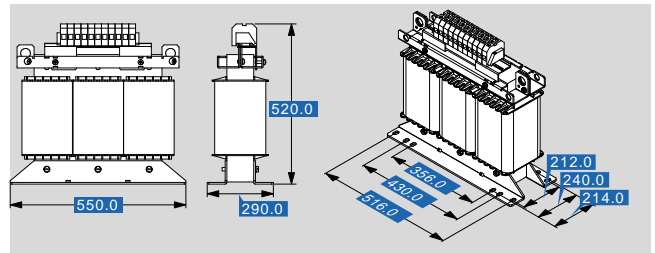
UL 1561, CSA 22,2 (E 327358)



# Autotransformer AT3 70-24/35-4

| Type                     |                         | AT3 70-24/35-4  |
|--------------------------|-------------------------|-----------------|
| Electrical data          | Input                   |                 |
|                          | Rated input voltage     | 3 x 240/346 Vac |
|                          | Rated frequency         | 50 - 60 Hz      |
|                          | Output                  |                 |
|                          | Rated output voltage    | 3 x 400 Vac     |
|                          | Rated Power             | 70,000 VA       |
|                          | Vector group            | YNΔ0            |
|                          | Efficiency              | 97.0 %          |
|                          | Approvals               |                 |
|                          | Approvals               | cURus           |
| Environment              |                         |                 |
| Ambient temperature max. | 40 °C                   |                 |
| Safety and protection    |                         |                 |
| Type                     | Open type               |                 |
| Insulation class         | F                       |                 |
| Protection index         | IP 00                   |                 |
| Safety class (prepared)  | I                       |                 |
| Short circuit strength   | non-short-circuit proof |                 |
| Test voltage             | 4,000 Vac, 50 Hz        |                 |
| Order numbers            |                         |                 |
| Recommended enclosure    | BGE-085                 |                 |
| <b>Order Number</b>      | <b>AT3 70-24/35-4</b>   |                 |

| Type                 |                                 | AT3 70-24/35-4                  |
|----------------------|---------------------------------|---------------------------------|
| Mechanical data      | Terminal and mounting           |                                 |
|                      | Fixing method                   | Mounting brackets               |
|                      | Fixing screws                   | M12                             |
|                      | Terminals                       | Screw-type terminals            |
|                      | Terminals Input                 | Screw clamp, 35 mm <sup>2</sup> |
| Terminals Output     | Screw clamp, 95 mm <sup>2</sup> |                                 |
| Terminals PE         | Bolt, M8                        |                                 |
| Measures and weights |                                 |                                 |
| Core type            | 3 UI 240/140                    |                                 |
| Weight               | 212.0 kg                        |                                 |



Subject to change.