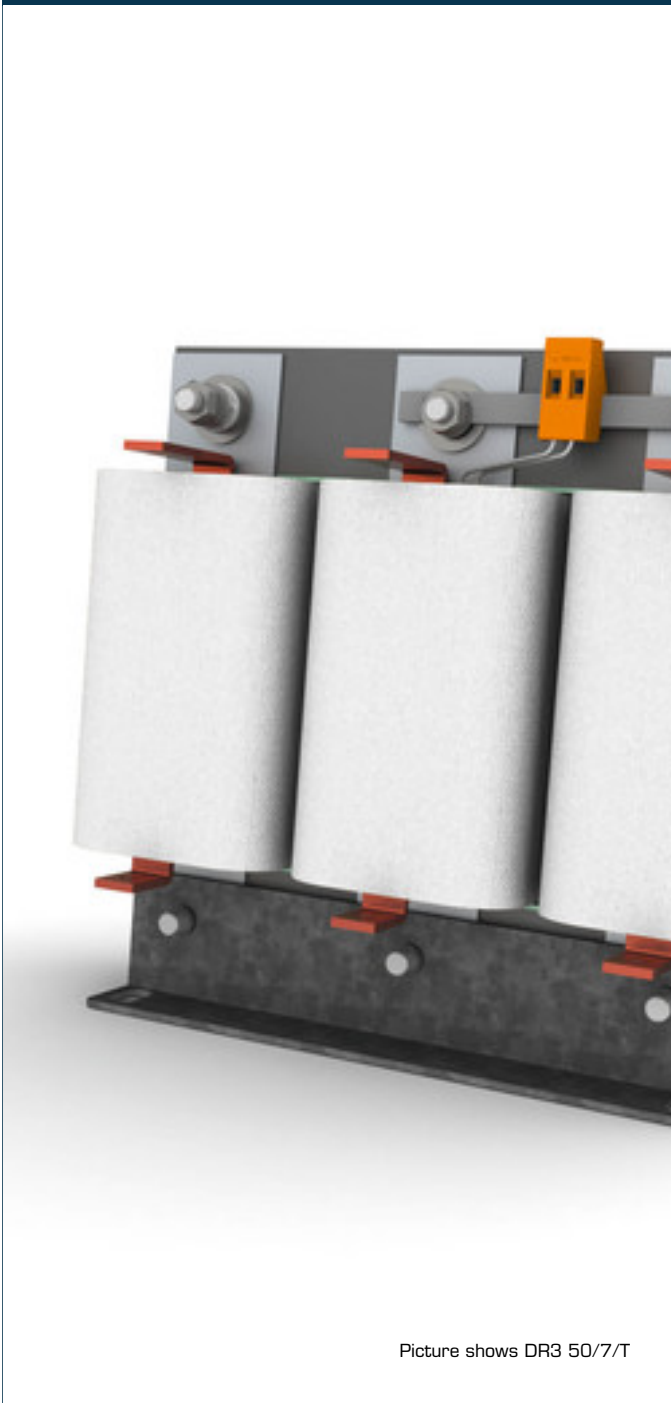


## Detuned reactor **DR3 25/14**



Picture shows DR3 50/7/T

### Advantages

|  |
|--|
| No overloading of the capacitors   |
| Stabilizing mains impedance  |
| Low inductance tolerance   |
| Very good corrosion protection and low noise thanks to vacuum impregnation       |
| Extended linearity   |
| Thermal design for continuous duty in the event of mains operation and harmonics |
| Optional with thermal switch   |

### Applications

Detuned reactor for choking idle reactive power compensation capacitors.

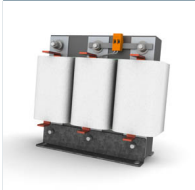
### Standards

Detuning reactor in accordance with EN 61558 Part 1, 61558 Part 20, UL 506, CSA 22.2

### Approvals



UL 506, CSA 22.2



# Detuned reactor DR3 25/14

| Type                         |   | DR3 25/14      |
|------------------------------|---|----------------|
| <b>Electrical data</b>       | <b>Operating data</b>                             |                |
|                              | Rated voltage                                     | 3 x 400 Vac    |
|                              | Rated frequency                                   | 50 Hz          |
|                              | Current per phase at 50 Hz (I) for reactive power | 36.0 A         |
|                              | Inductance linear to (at #95 % L; Im)             | 25.0 kVar      |
|                              | Inductance per phase (L)                          | 50.4 A         |
|                              | Tolerance   | 3.350 mH       |
|                              | Detuning factor                                   | ±3 %           |
|                              | Temperature control                               | $\rho = 14 \%$ |
|                              | Resonance frequency                               | No             |
|                              | <b>Output</b>                                     |                |
|                              | Power loss  | 134 Hz         |
|                              | <b>Approvals</b>                                  |                |
|                              | Approvals   | 165.0 W        |
|                              | <b>Environment</b>                                |                |
| Ambient temperature max.     | EAC   |                |
| <b>Safety and protection</b> |   |                |
| Type                         | 40 °C (60 °C Cl. H)                               |                |
| Insulation class             | Open type   |                |
| Protection index             | F (40 °C) / H (60 °C)                             |                |
| Safety class (prepared)      | IP 00   |                |
| Test voltage                 | I   |                |
| Order numbers                | 2500 Vac, 50 Hz                                   |                |
| <b>Order Number</b>          | <b>DR3 25/14</b>                                  |                |

| Type                        |                              | DR3 25/14                       |
|-----------------------------|------------------------------|---------------------------------|
| <b>Mechanical data</b>      | <b>Terminal and mounting</b> |                                 |
|                             | Fixing method                | Fixing rail                     |
|                             | Fixing screws                | M8                              |
|                             | Terminals phase              | Screw clamp, 10 mm <sup>2</sup> |
|                             | Terminals PE                 | Bolt, M5                        |
| <b>Measures and weights</b> |                              |                                 |
| Weight                      | 19.80 kg                     |                                 |

