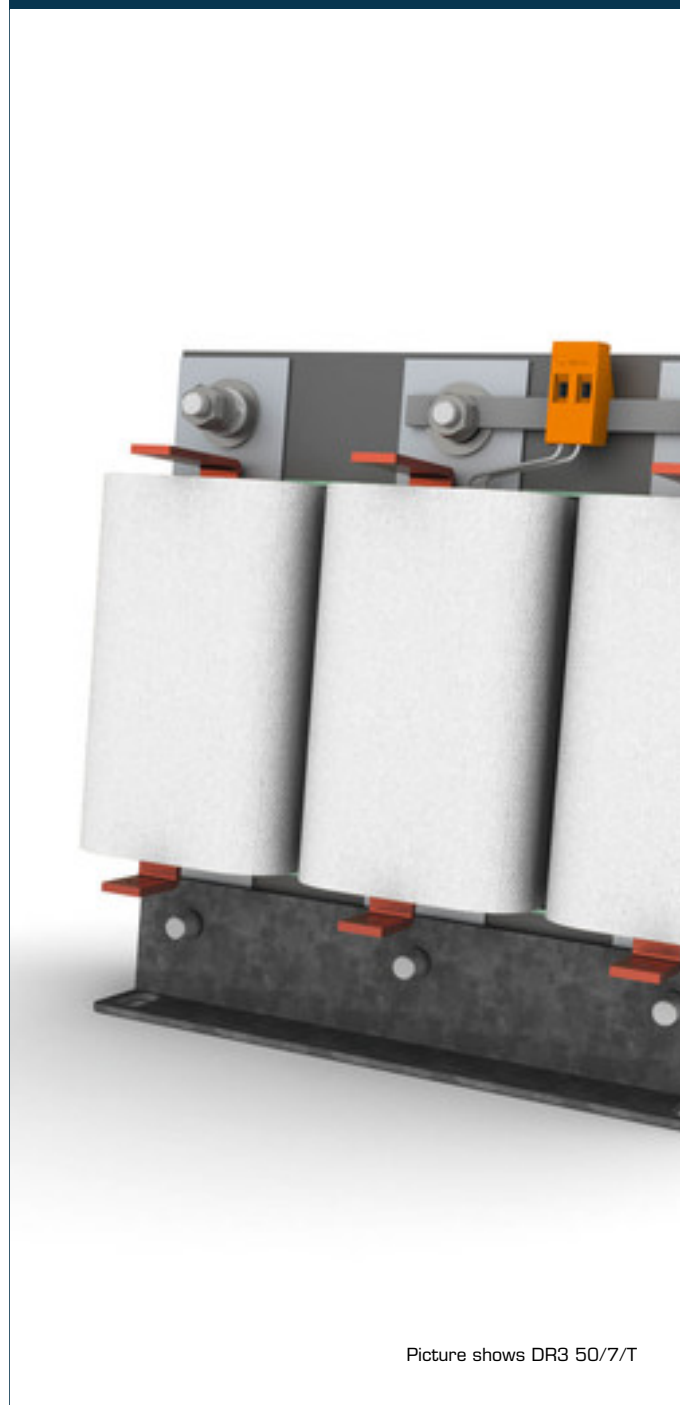


Detuned reactor DR3 12,5/7/T



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 due 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 12,5/7/T

| Type | | DR3 12,5/7/T |
|--------------------------|---|-----------------|
| Electrical data | Operating data | |
| | Rated voltage | 3 x 400 Vac |
| | Rated frequency | 50 Hz |
| | Current per phase at 50 Hz (I) for reactive power | 19.5 A |
| | Inductance linear to (at #95 % L; Im) | 27.3 A |
| | Inductance per phase (L) | 3.22 mH |
| | Tolerance | ±3 % |
| | Detuning factor | $\rho = 7 \%$ |
| | Temperature control | Yes |
| | Resonance frequency | 189 Hz |
| | Output | |
| | Power loss | 115 W |
| | Approvals | |
| | Approvals | cURus (pending) |
| | Environment | |
| Ambient temperature max. | 104 °F (140 °F Cl. H) | |
| Safety and protection | | |
| Type | Open type | |
| Insulation class | F (104 °F) / H (140 °F) | |
| Protection index | IP 00 | |
| Safety class (prepared) | I | |
| Test voltage | 2500 Vac, 50 Hz | |
| Order numbers | | |
| Order Number | DR3 12,5/7/T | |

| Type | | DR3 12,5/7/T |
|----------------------|-----------------------|---------------------------------|
| Mechanical data | Terminal and mounting | |
| | Fixing method | Fixing rail |
| | Fixing screws | M8 |
| | Terminals phase | Screw clamp, 10 mm ² |
| Connection type | | Bolt, M5 |
| Measures and weights | | |
| Weight | 19.18 lbs | |

