

Line reactor, three-phase, aluminium

## LR3A 40-3/200 Discontinued line - not for new designs



Image shows LR3A 40-4/115

### Advantages

|  |
|--|
| Use as line reactor, commutating reactor or PFC reactor                    |
| Weight reduction through aluminum winding                                  |
| Ensuring the short-circuit voltage of 3, 4 or 5 % to the mains             |
| Power harmonic damping   |
| Starting current limitation  |
| Increases the service life of consumers                                    |
| Low ripple   |
| Bridging voltage dips  |
| Peak current limitation  |
| Very good corrosion protection and low noise thanks to vacuum impregnation |
| Integrated lifting rings   |

### Applications

Line reactor to minimise mains pollution, to reduce the reactive-power components and charging currents in the DC link capacitor and to improve the  $\cos\phi$ .

### Standards

Line- and commutation reactor to  
DIN EN 61558-2-20, IEC 61558-2-20, UL 506, CSA 22.2

### Approvals



UL 506, CSA 22.2

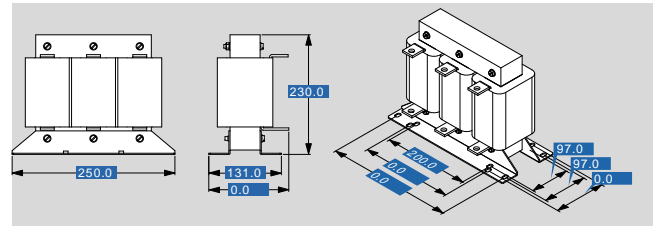


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| Type                       | LR3A 40-3/200<br>Discontinued line - not for new designs     |
|----------------------------|--|
| <b>Electrical data</b>     |  |
| Operating data             |  |
| Rated voltage              | 3 x 400 Vac  |
| Rated voltage (IEC)        | 3 x 690 Vac  |
| Rated voltage (UL)         | 3 x 600 Vac  |
| Short circuit voltage uK   | 3 % @ 400 Vac  |
| Rated frequency range high | 50 Hz  |
| Voltage drop               | 6.9 Vac  |
| Rated current              | 200 A  |
| Inductance                 | 0.110 mH   |
| Inductance deviation       | ±10 %  |
| Output                     |  |
| Power loss                 | 595.1 W  |
| Approvals                  |  |
| Approvals                  | cURus  |
| Environment                |  |
| Ambient temperature        | -10 °C to +40 °C   |
| Type of cooling            | AN   |
| Safety and protection      |  |
| Type                       | Open type  |
| Protection index           | IP 00  |
| Safety class (prepared)    | I  |
| Insulation class           | IEC=H, UL=class 180  |
| Test voltage               | 4000 Vac   |
| Order numbers              |  |
| <b>Order Number</b>        | <b>LR3A 40-3/200 Discontinued line - not for new designs</b> |

| Type                   | LR3A 40-3/200<br>Discontinued line - not for new designs |
|------------------------|--|
| <b>Mechanical data</b> |  |
| Terminal and mounting  |  |
| Terminals phase        | Flat copper  |
| Terminals PE           | for M8   |
| Fixing method          | Fixing rail  |
| Fixing screws          | M8   |
| Measures and weights   |  |
| Weight                 | 25.59 kg   |



Subject to change.