

## Compensated High Inductance Choke, 3-phase

**Description**

- Current compensated choke
- 3-phase choke
- THT-terminals
- Flange for mounting onto printed circuit board
- Fully potted resin

**Standards**

- EN 60938
- UL 1283
- CSA 22.2 no 8

**Applications**

- Placed in front of frequency converter
- Stepper motor drives
- UPS-systems
- Inverter

**Weblinks**

[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

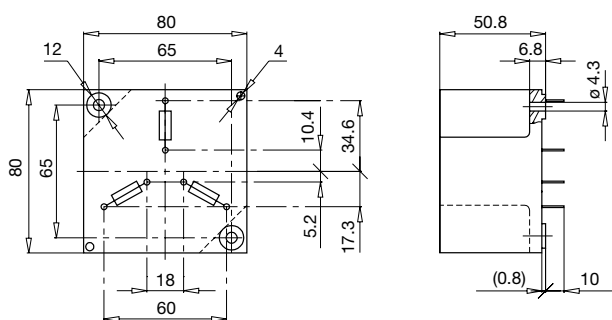
**Technical Data**

|                           |                             |
|---------------------------|-----------------------------|
| Rated voltage             | up to 540 VAC               |
| Rated voltage             | up to 760 VDC               |
| Rated Current             | 3 - 8 A @ Ta 40 °C          |
| Rated inductance          | 4.0 - 50 mH, Tol. -30% +50% |
| Power Operating Frequency | 50 - 400 Hz                 |
| Terminal technic          | THT                         |
| Weight                    | 142 - 501 g                 |
| Material: Housing         | UL 94V-0                    |
| Sealing Compound          | UL 94V-0                    |

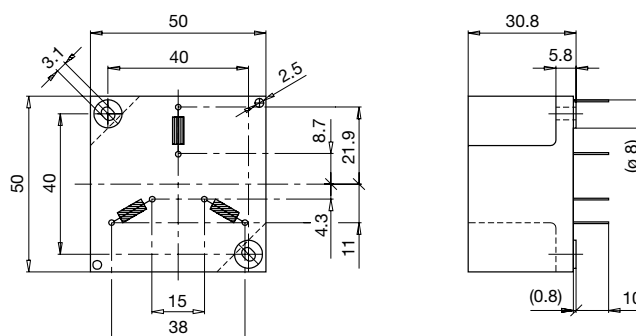
|                           |                                               |
|---------------------------|-----------------------------------------------|
| Test Voltage              | 2.5 kV, 50 Hz, 2 sec, winding to winding      |
| Isolation Voltage         | 2.5 kV eff., 50 Hz, 2 sec, winding to ambient |
| Climatic Category         | 25/100/21 acc. to IEC 60068-1                 |
| Allowable Operation Temp. | -25 °C to 100 °C                              |

**Dimensions**

## Case 31-3P

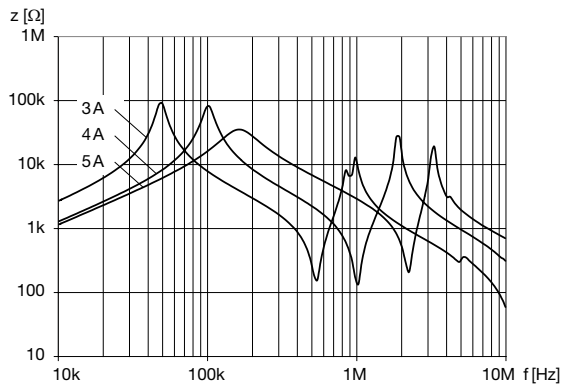


## Case 46-3P

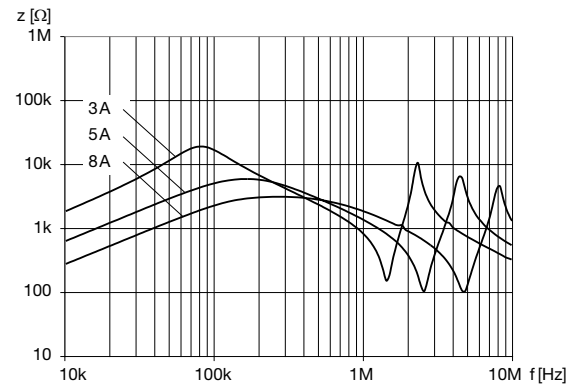


## Impedance curves

DKLL-0331-xxxx



DKLL-0346-xxxx



## Variants

| $I_n$ [A] | $L_n$ [mH] | $R_{cu}$ [mΩ] | Tripped Power Dissipation [W] | $f_{RES}$ [MHz] | Copper $\phi$ [mm] | Weight [g] | Housing | Packing unit [pcs.] | Order Number   |
|-----------|------------|---------------|-------------------------------|-----------------|--------------------|------------|---------|---------------------|----------------|
| 3         | 50         | 260           | 7                             | 0.055           | 0.71               | 497 g      | 31-3P   | 2                   | DKLL-0331-0350 |
| 4         | 30         | 155           | 7.5                           | 0.075           | 0.8                | 501 g      | 31-3P   | 2                   | DKLL-0331-0430 |
| 5         | 20         | 100           | 7.5                           | 0.145           | 0.9                | 500 g      | 31-3P   | 2                   | DKLL-0331-0520 |
| 3         | 30         | 130           | 3.5                           | 0.13            | 0.71               | 147 g      | 46-3P   | 10                  | DKLL-0346-0330 |
| 5         | 10         | 48            | 3.6                           | 0.15            | 0.9                | 142 g      | 46-3P   | 10                  | DKLL-0346-0510 |
| 8         | 4          | 22            | 4.2                           | 0.4             | 1.12               | 147 g      | 46-3P   | 10                  | DKLL-0346-0804 |