Line reactor, single-phase

NKE 10/2,93

Picture shows NKE 25/2,04

Advantages

- Use as line reactor, commutating reactor or PFC reactor
- Power harmonic damping
- Starting current limitation
- Increases the service life of consumers
- Low ripple
- Very good corrosion protection and low noise thanks to vacuum impregnation
- Bridging voltage dips
- Peak current limitation

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

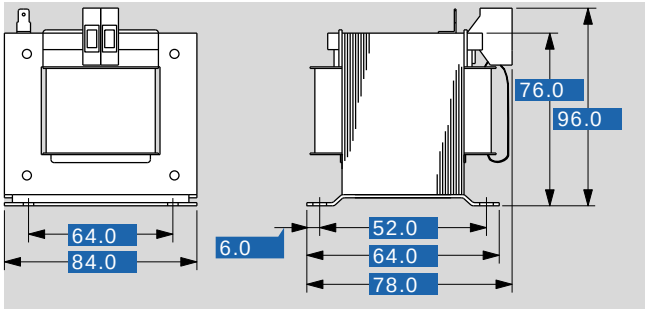
Line reactor, single-phase
NKE 10/2,93

Electrical data

Type	NKE 10/2,93
Operating data	
Rated voltage	230 Vac
Voltage drop	9.2 Vac
Rated current	10 A
Rated frequency	50 - 60 Hz
Inductance	2.930 mH
Inductance deviation	±10%
Approvals	
Approvals	cURus
Environment	
Ambient temperature	-10 °C to +40 °C
Type of cooling	AN
Safety and protection	
Insulation class	B
Protection index	IP 00
Safety class (prepared)	I
Type	Open type
Test voltage	2500 Vac
Order numbers	
Order Number	**NKE 10/2,93**

Mechanical data

Type	NKE 10/2,93
Terminal and mounting	
Terminals phase	Screw clamp, 4 mm²
Terminals PE	Tab connector, 6.3 x 0.8 mm
Fixing method	Base plate
Fixing screws	M4
Measures and weights	
Weight	1.4 kg



Subject to change.