Detuned reactor

FKD 50/7 - no longer available

Picture shows FKD 50/7

Advantages

- No overloading of the capacitors
- Improvement of the impedance behaviour
- Low inductance tolerance
- Very good corrosion protection and low noise thanks to BLOCKIMPEX vacuum impregnation
- Linear inductance development to far above the rated current
- Thermal design for continuous duty in the event of mains operation and harmonics

Applications

Detuned reactor for choking idle current compensation installations.

Standards

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

Approvals

UL 506, CSA 22.2

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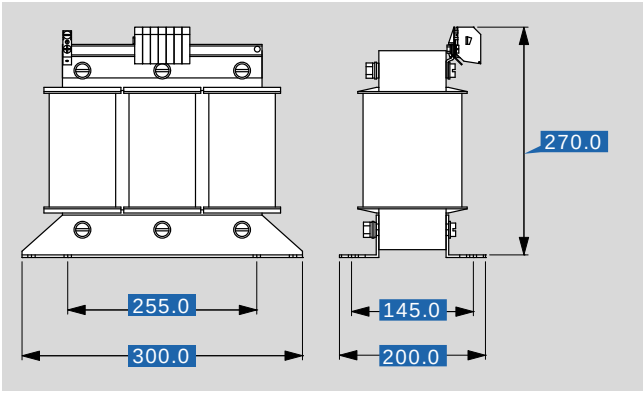
Electrical data

Type	FKD 50/7 - no longer available
Operating data	
Rated voltage	3 x 400 Vac
Rated frequency	50 Hz
Current per phase at 50 Hz (I)	79.4 A
for reactive power	50.0 kVAr
Inductance linear to (at #95 % L; Im)	95.0 A
Inductance per phase (L)	0.767 mH
Tolerance	±5 %
Detuning factor	p = 0.07 (7 %)
Temperature control	no
Output	
Power loss	168.0 W
Approvals	
Approvals	cURus
Environment	
Ambient temperature max.	40 °C
Safety and protection	
Type	Open type
Insulation class	F
Protection index	IP 00
Safety class (prepared)	I
Test voltage	2500 Vac, 50 Hz
Order numbers	
Order Number	**FKD 50/7 - no longer available**

Mechanical data

Type	FKD 50/7 - no longer available
Terminal and mounting	
Fixing method	Fixing rail
Fixing screws	M8
Terminals phase	Flat copper
Terminals PE	Bolt, M8
Measures and weights	
Weight	34.00 kg



Subject to change.