PRODUCT DATASHEET

DKQ

Detuned series reactor

Product overview

- Connects in series with a capacitor for reactive power compensation.
- Helps suppress higher-order harmonics and reduce the risk of parallel resonance and harmonic current amplification.
- Limits switching inrush and helps protect the compensation capacitor.



Cold-rolled silicon steel core

Low losses and suitable for harmonic conditions.

Vacuum pressure impregnation (VPI)

Helps reduce operating noise and improve corrosion resistance.

Class F insulation

Designed for good linearity and overload capability.

Matching capacitor rating	Rated current	Inductance range
5–50 kvar	**8.7–90 A**	**0.97–9.65 mH**

Electrical selection

Model	Fig.	Capacitor (kvar)	Current (A)	Inductance (mH)	Insulation
WKL-0009-EISA-E9M6	A	5	8.7	9.65	F
WKL-0014-EISA-E6M4	A	7.5	13.5	6.43	F
WKL-0018-EISA-E4M8	A	10	18	4.83	F
WKL-0022-EISA-E3M8	A	12.5	22.4	3.86	F
WKL-0027-EISA-E3M2	A	15	26.8	3.2	F
WKL-0036-EISA-E2M4	A	20	35.8	2.4	F
WKL-0045-EISA-E1M9	A	25	45	1.93	F
WKL-0054-EISA-E1M6	A	30	54	1.61	F
WKL-0071-EISA-E1M2	B	40	71	1.21	F
WKL-0090-EISA-EM97	B	50	90	0.97	F

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Outline and mounting dimensions

Dimensions in mm · Drawings not to scale

Figure A

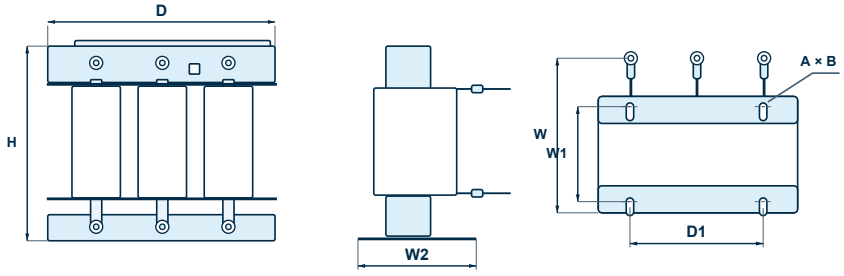
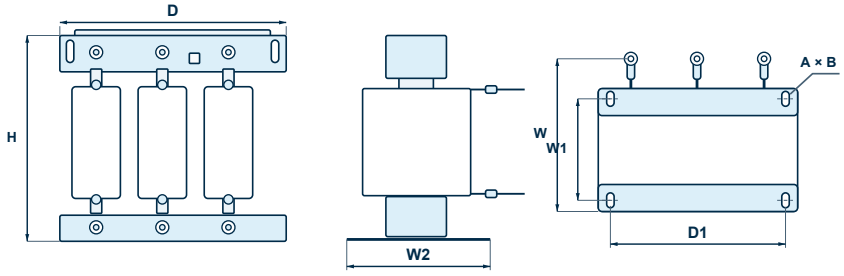


Figure B



Dimensions and tolerances

Model	Fig.	D	D1	D2	W	W1	W2	H	A × B
WKL-0009-EISA-E9M6	A	195	150	60	150	72	94	220	6 × 11
WKL-0014-EISA-E6M4	A	195	150	60	170	92	114	220	6 × 11
WKL-0018-EISA-E4M8	A	195	150	60	200	112	134	220	6 × 11
WKL-0022-EISA-E3M8	A	195	150	60	200	112	134	255	6 × 11
WKL-0027-EISA-E3M2	A	250	182	81	195	98	124	220	11 × 18
WKL-0036-EISA-E2M4	A	250	182	81	210	108	134	220	11 × 18
WKL-0045-EISA-E1M9	A	250	182	81	220	118	144	220	11 × 18
WKL-0054-EISA-E1M6	A	250	182	81	210	108	134	235	11 × 18
WKL-0071-EISA-E1M2	B	290	214	95	220	117	143	265	11 × 18
WKL-0090-EISA-EM97	B	290	214	95	240	132	158	265	11 × 18

D, W and H are maxima · D1 ±1 mm · D2 ±5 mm · W1 and W2 ±2 mm

All other unspecified dimensions have a tolerance of ±0.5 mm.

D2 values and tolerances are listed in the table. The drawings do not identify the measurement references for D2.

The lead-out terminals are aluminum.