Compensated High Inductance Choke, 1-phase

Description
- Current compensated choke
- 1-phase choke
- Flexible wire
- Flange for mounting onto printed circuit board
- Fully potted resign

Standards
- EN 60938
- UL 1283
- CSA 22.2 no 8

Approvals
- Approval Reference Type: DKLP

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, REACH, Distributor-Stock-Check, Detailed request for product

Technical Data

|	
Rated voltage	up to 540 VAC
	up to 760 VDC
Rated Current	4 - 20 A @ Ta 40 °C
Rated inductance	14 - 60 mH, Tol. -30% +50%
Power Operating Frequency	50 - 400 Hz
Terminal Type	Flexible wire
Weight	145 - 512 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

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in General Product Information

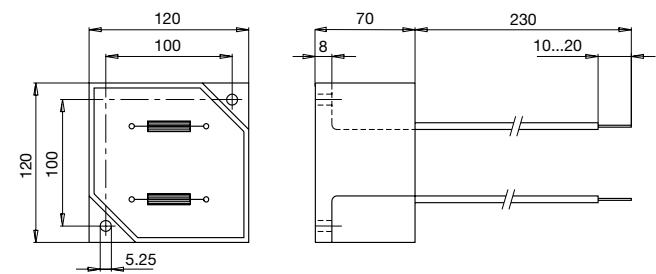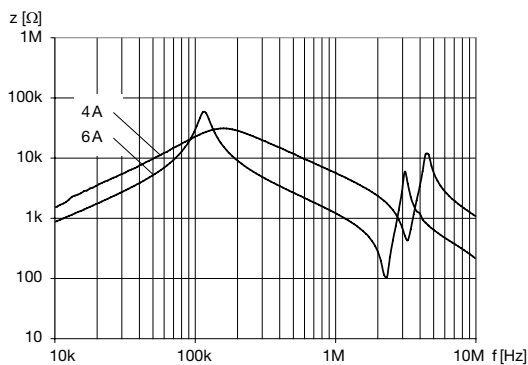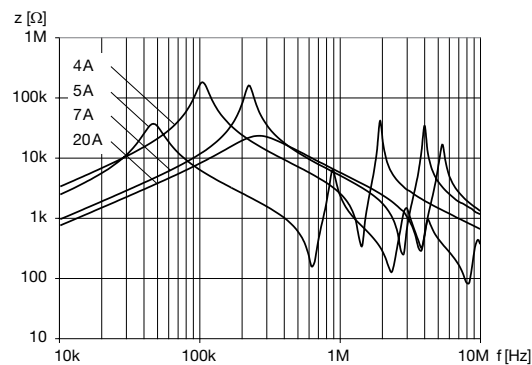## Dimension [mm]
Case 29-2W

Case 31-2W
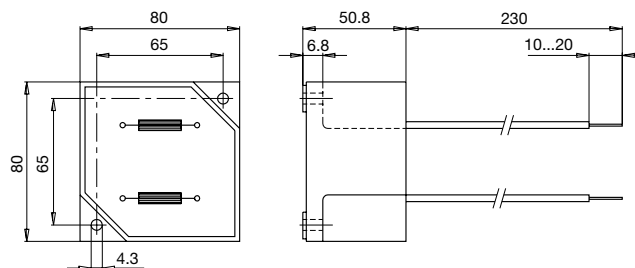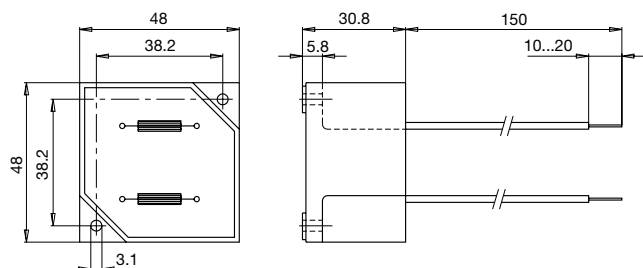
Case 33-2W

Impedance curves

DKLP-0229-xxxx

DKLP-023x-xxxx

All Variants

I_n [A]	L_n [mH]	R_{cu} [mΩ]	Power$_{loss}$ [W]	f_{RES} [MHz]	Copper ø [mm]	Weight [g]	Housings	Packing unit [pcs.]	Order Number
4	30	96	3	0.2	0.8	145 g	29-2W	12	DKLP-0229-0430
6	14	46	3.3	0.3	1	145 g	29-2W	12	DKLP-0229-0614
4	60	250	8	0.1	0.71	477 g	31-2W	2	DKLP-0231-0460
5	40	126	6.3	0.048	0.9	505 g	31-2W	2	DKLP-0231-0540
7	20	62	6	0.18	1.12	512 g	31-2W	2	DKLP-0231-0720
20	12	19	15.2	0.16	1.8	180 g	33-2W	1	DKLP-0233-2012

Availability for all products can be searched real-time: http://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER

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