Compensated High Current Choke, 3-phase

See below:
Approvals and Compliances

Description

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

Applications

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

Weblinks

pdf data sheet, html datasheet, General Product Information, Approvals, Distributor-Stock-Check, Detailed request for product

Technical Data

Rated voltage	up to 540 VAC up to 760 VDC
Rated Current	10 - 50 A @ Ta 40 °C
Rated inductance	0.6 - 5 mH, Tol. -30% +50%
Power Operating Frequency	50 - 400 Hz
Terminal Type	Flexible wire
Weight	145 - 1864 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

Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in Details about Approvals

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.

Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: DKIP

Approval Logo	Certificates	Certification Body	Description
c UL us	UL Approvals	UL	UL File Number: E72928

Application standards

Application standards where the product can be used

Organization	Design	Standard	Description
IEC	Designed for applications acc.	IEC/UL 62368-1	IEC 62368-1 includes the basic requirements for safety of audio, video, information technology and office equipment.

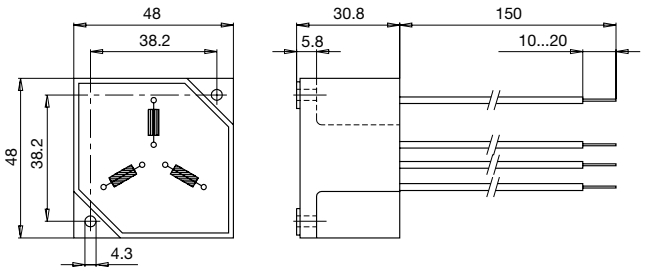
Compliances

The product complies with following Guide Lines

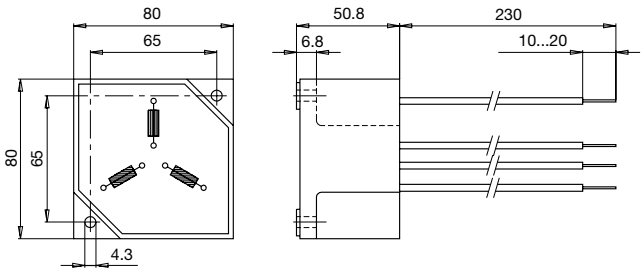
Identification	Details	Initiator	Description
CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
RoHS	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
e	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
REACH	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

Dimension [mm]

Case 29-3W



Case 31-3W



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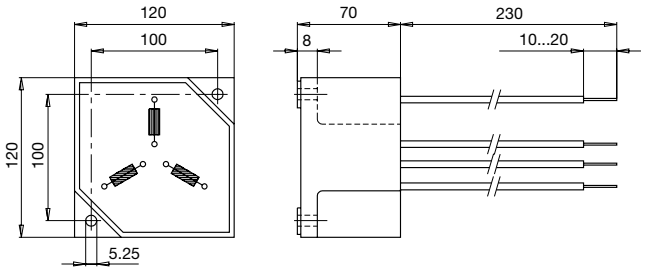
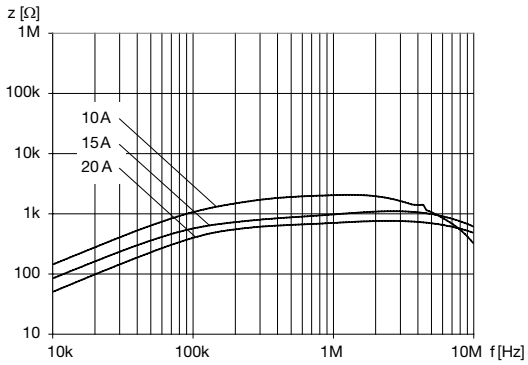
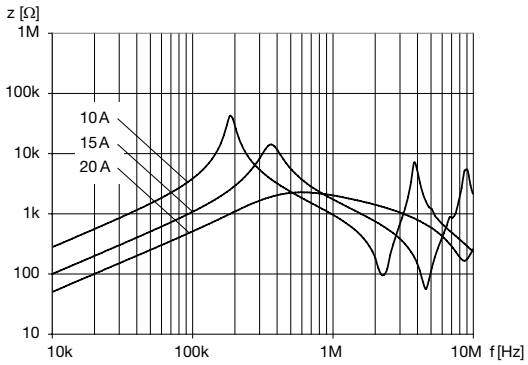


Impedance curves

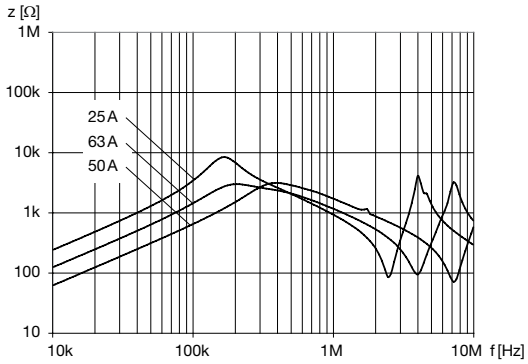
DKIP-0329-xxxx



DKIP-0331-xxxx



DKIP-0333-xxxx



All Variants

I_n [A]	L_n [mH]	R_{cu} [mΩ]	Tripped Power Dissipation [W]	f_{RES} [MHz]	Copper ø [mm]	Weight [g]	Housings	Packing unit [pcs.]	Order Number
10	2.5	15	4.5	0.5	1.25	145 g	29-3W	12	DKIP-0329-1002
15	1	7	4.7	0.6	1.6	145 g	29-3W	12	DKIP-0329-1501
20	0.6	5	6	2.6	1.8	145 g	29-3W	12	DKIP-0329-20D6
10	5	32	9.6	0.22	1.25	526 g	31-3W	2	DKIP-0331-1005
15	2	13	8.8	0.44	1.6	544 g	31-3W	2	DKIP-0331-1502
20	1	8	9.6	0.68	1.8	544 g	31-3W	2	DKIP-0331-2001
25	4	12	22.5	0.18	2	1830 g	33-3W	1	DKIP-0333-2504
36	2	7.6	29.5	0.25	2.36	1831 g	33-3W	1	DKIP-0333-3602
50	1	4	30	0.5	1.5 x 4.5	1864 g	33-3W	1	DKIP-0333-5001

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

12.05.2020

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments. Information furnished is believed to be accurate and reliable. However, users should independently evaluate the suitability and test each product selected for their own applications.

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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

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http://moschip.ru/get-element

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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