### 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				
	UL 600 VAC				
Rated Current	10 - 50 A @ Ta 40 °C				
Rated inductance	0.6 - 5 mH, Tol30% +50%				
Power Operating Frequency	50 / 60 Hz				
Terminal Type	Flexible wire				
Weight	145 - 1864 g				
Material	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 **UL** Approvals UR File Number: E72928 .**91**° 118

#### **Application standards**

Application standards where the product can be used

Organization	Design	Standard	Description
<u>IEC</u>	Designed for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements

## Compliances

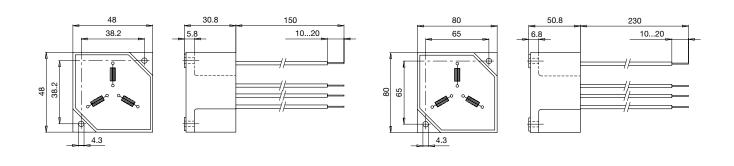
The product complies with following Guide Lines

Identification	Details	Initiator	Description
C€	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.
UK CA	UKCA declaration of conformity	SCHURTER AG	The UKCA marking declares that the product complies with the applicable requirements laid down in the British Amendment of Regulation (EC) 765/2008.
ROHS	RoHS	SCHURTER AG	Directive RoHS 2011/65/EU, Amendment (EU) 2015/863
<b>©</b>	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.

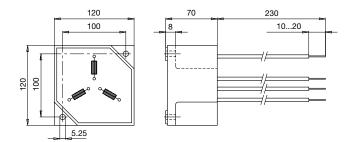
# Dimension [mm]

Case 29-3W

Case 31-3W

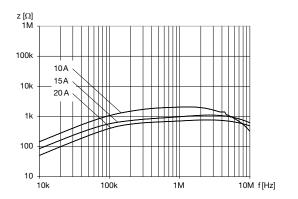


Case 33-3W

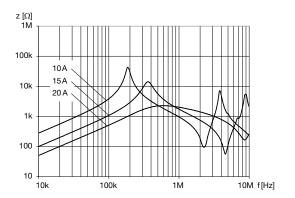


### Impedance curves

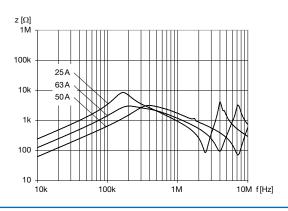
## DKIP-0329-xxxx



## DKIP-0331-xxxx



## DKIP-0333-xxxx



### **All Variants**

I <sub>n</sub> [A]	L <sub>n</sub> [mH]	$R_{cu}$ [m $\Omega$ ]	Tripped Power Dissipation [W]	f <sub>RES</sub> [MHz]	Copper ø [mm]	Weight [g]	Housing	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