Compensated High Inductance Choke, 3-phase



Description

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

See below: Approvals and Compliances

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				
up to 540 VAC				
up to 760 VDC				
UL 600 VAC				
3 - 16A @ Ta 40 °C				
4.0 - 50mH, Tol30% +50%				
50 / 60 Hz				
Flexible wire				
145 - 1840g				
UL 94V-0				
UL 94V-0				
	up to 760 VDC UL 600 VAC 3 - 16A @ Ta 40 °C 4.0 - 50mH, Tol30% +50% 50 / 60Hz Flexible wire 145 - 1840g 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: DKLP

Approval Logo	Certificates	Certification Body	Description			
c FL us	UL Approvals		UR File Number: E72928			
Application star	Application standards					
Application standards where the product can be used						
Organization	Design	Standard	Description			
IEC	Designed for applications acc.	IEC/UL 62368-1	Audio/video, information and communication technology equipment - Part 1: Safety requirements			

DKLP-3

Compliances

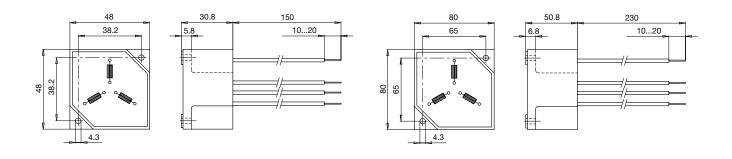
The product complies with following Guide Lines

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.
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
@	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.

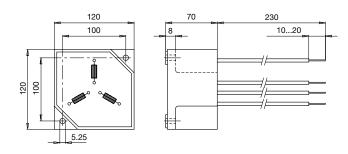
Dimension [mm]

Case 29-3W

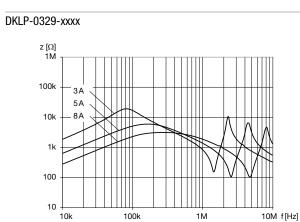
Case 31-3W



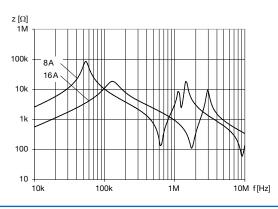
Case 33-3W



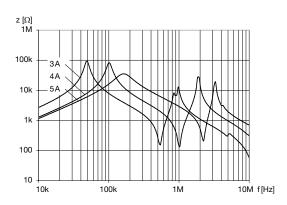
Impedance curves



DKLP-0333-xxxx



DKLP-0331-xxxx



All Variants

I _n [A]	L _n (mH)	R_{cu} [mΩ]	Tripped Power Dissi- pation [W]	f _{res} [MHz]	Copper ø [mm]	Weight [g]	Housing	Packing unit [pcs.]	Order Number
3	30	130	3.5	0.13	0.71	145 g	29-3W	12	DKLP-0329-0330
5	10	48	3.6	0.15	0.9	145 g	29-3W	12	DKLP-0329-0510
8	4	22	4.2	0.4	1.12	145 g	29-3W	12	DKLP-0329-0804
3	50	260	7	0.055	0.71	509 g	31-3W	2	DKLP-0331-0350
4	30	155	7.5	0.075	0.8	512 g	31-3W	2	DKLP-0331-0430
5	20	100	7.5	0.145	0.9	514 g	31-3W	2	DKLP-0331-0520
8	40	110	21	0.05	1.12	1726 g	33-3W	1	DKLP-0333-0840
16	10	30	23	0.14	1.6	1840 g	33-3W	1	DKLP-0333-1610

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