



Figure similar

COMMUTATING CHOKE FOR CONVERTER; PHASES:1;  
UN1(V):230; ITHMAX 1(A) / F1(HZ):50 /50; I LN (A):45; UK(%):2;  
LN(MH):0,28; TA/ISOKL:40 /B; IP00; TYPE OF  
TERMINALS:SCREW CONNECTION; EN 61558-2-20 >CHOKE<

General technical data		
product designation		Kommut.-Drossel f. Stromrichter
phase number		1
type of voltage		AC
operating voltage rated value	V	230
operating frequency rated value	Hz	50
<ul style="list-style-type: none"><li>— operational current at AC rated value</li><li>— current at AC maximum</li><li>● current at DC rated value</li></ul>	A	45
	A	50
	A	61.2
inductivity rated value	H	0.00028
relative inductive drop in voltage for rated value of the current, voltage and frequency	%	2
power loss [W] of the coil	W	13.2
power loss [W] of the iron core	W	27.9
Mechanical data		
type of electrical connection for main current circuit		screw-type terminals
width	m	0.097
height	m	0.128
depth	m	0.124
Ambient conditions		
thermal class according to IEC 60085		B
ambient temperature rated value	°C	40
protection class IP		IP00
Certificates/ approvals		
General Product Approval	other	



[Confirmation](#)

Further information	
Siemens has decided to exit the Russian market (see here). <a href="https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business">https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business</a>	
Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).	
Information on the packaging	

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4EM5001-1CB00>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4EM5001-1CB00>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/4EM5001-1CB00>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4EM5001-1CB00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EM5001-1CB00&lang=en)

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