



Figure similar

line commutating reactor for rectifier; phases: 1; Un1(V): 230; I_{thmax} 1(A) / F1(Hz): 50 /50; I_{LN} (A): 45; UK(%): 2; LN(MH): 0.28; temperature rise/insulation class: 40 /B; IP00; connection: screw connection; EN 61558-2-20 >reactor<

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
— operational current at AC rated value — current at AC maximum • current at DC rated value	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 Ap- proval	other	



[Confirmation](#)

Further information	
Information on the packaging	
https://support.industry.siemens.com/cs/ww/en/view/109813875	
Information for data generation and storage	
https://support.industry.siemens.com/cs/ww/en/view/109995012	

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

<https://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, ...)

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EM5001-1CB00&lang=en

last modified:

4/8/2025 