



Figure similar

line commutating reactor for rectifier; phases: 3; Un1(V): 400; I_{thmax} 1(A) / F1(Hz): 100 /50; I_{LN} (A): 90; UK(%): 4; LN(MH): 0.224; temperature rise/insulation class: 40 /B; IP00; connection: flat-type; EN 61558-2-20 >reactor<

General technical data		
product designation		Kommut.-Drossel f. Stromrichter
phase number		3
type of voltage		AC
operating voltage rated value	V	400
operating frequency rated value	Hz	50
<ul style="list-style-type: none"> • — operational current at AC rated value — current at AC maximum • current at DC rated value 	A	90
	A	100
	A	122.5
peak current	A	125
inductivity rated value	H	0.00022
relative inductive drop in voltage for rated value of the current, voltage and frequency	%	4
power loss [W] of the coil	W	80
power loss [W] of the iron core	W	30
Mechanical data		
type of electrical connection for main current circuit		flat connector
width	m	0.219
height	m	0.179
depth	m	0.143
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](#)

[Confirmation](#)



Environment

[Environmental Confirmations](#)

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=4EP4003-0DS00>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4EP4003-0DS00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4EP4003-0DS00>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EP4003-0DS00&lang=en

last modified:

4/8/2025 