



Figure similar

COMMUTATING CHOKE FOR CONVERTER; PHASES:3;
UN1(V):500; ITHMAX 1(A) / F1(HZ):12 /50; I LN (A):12; UK(%):2,1;
LN(MH):1,6; TA/ISOKL:50 /B; IP00; TYPE OF
TERMINALS:SCREW/TAB CONNECTION; EN 61558-2-20
>CHOKE<

General technical data		
product designation		Kommut.-Drossel f. Stromrichter
phase number		3
type of voltage		AC
operating voltage rated value	V	500
operating frequency rated value	Hz	50
— operational current at AC rated value — current at AC maximum • current at DC rated value	A A A	12 12 14.7
inductivity rated value	H	0.0016
relative inductive drop in voltage for rated value of the current, voltage and frequency	%	2.1
power loss [W] of the coil	W	20
power loss [W] of the iron core	W	12
Mechanical data		
type of electrical connection for main current circuit		screw-type terminals / tab terminals
width	m	0.125
height	m	0.125
depth	m	0.09
Ambient conditions		
thermal class according to IEC 60085		B
ambient temperature rated value	°C	50
protection class IP		IP00
Certificates/ approvals		
General Product Approval		other



[Confirmation](#)

[Confirmation](#)



Environment

[Environmental Con-
firmations](#)

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=4EP3603-6DS00>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4EP3603-6DS00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4EP3603-6DS00>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EP3603-6DS00&lang=en

last modified:

8/8/2025 