



COMMUTATING CHOKE FOR CONVERTER;  
 PHASES:1; UN1(V):400; ITHMAX 1(A) / F1(HZ):14 /50;  
 I LN (A):12,6; UK(%):4; LN(MH):3,46; TA/ISOKL:40 /B;  
 IP00; TYPE OF TERMINALS:SCREW/TAB  
 CONNECTION; EN 61558-2-20 >CHOKE<

Figure similar

General technical data:		
Product designation		Kommut.-Drossel f. Stromrichter
Phase number		1
Type of voltage		AC
Operating voltage rated value	V	400
Operating frequency rated value	Hz	50
<b>Current</b>		
• at AC		
— rated value	A	12.6
— maximum	A	14
• at DC rated value	A	17.1
Inductivity rated value	H	0.0035
Relative inductive drop in voltage on the measurement level current, voltage and frequency	%	4
Power loss [W] of the coil	W	14.6
Power loss [W] of the iron core	W	14.4

Mechanical data:

Type of electrical connection for main current circuit		screw-type terminals / tab terminals
Width	m	0.085
Height	m	0.103
Depth	m	0.108

#### Ambient conditions:

Thermal class acc. to IEC 60085		B
Ambient temperature rated value	°C	40
Protection class IP		IP00

#### Certificates/ approvals:

other

[Confirmation](#)

#### Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

##### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4EM4912-1CB00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4EM4912-1CB00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4EM4912-1CB00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EM4912-1CB00&lang=en)

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