

MAINS CHOKE F.FU; PHASES:3; UN1(V):500;  
 ITHMAX 1(A) / F1(HZ):50 /50; I LN (A):45; UK(%):2;  
 LN(MH):0,368; TA/ISOKL:40 /B; IP00; TYPE OF  
 TERMINALS:SCREW CONNECTION; EN 61558-2-20  
 >UL/CSA-RECOGNIZED< >CHOKE<



Figure similar

General technical data:		
Product designation		Netzdrossel f. FU
Phase number		3
Type of voltage		AC
Operating voltage rated value	V	500
Operating frequency rated value	Hz	50
Current		
• at AC		
— rated value	A	45
— maximum	A	50
Inductivity rated value	H	0.00037
Relative inductive drop in voltage on the measurement level current, voltage and frequency	%	2
Power loss [W] of the coil	W	52
Power loss [W] of the iron core	W	13
Mechanical data:		
Type of electrical connection for main current circuit		screw-type terminals

Width	m	0.178
Height	m	0.153
Depth	m	0.12

#### Ambient conditions:

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

#### Certificates/ approvals:

Declaration of Conformity	other
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EG-Konf.

[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=4EP3800-1US00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4EP3800-1US00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4EP3800-1US00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EP3800-1US00&lang=en)

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