



MAINS CHOKE F.FU;  
 PHASES:3;  
 UN1(V):480;  
 ITHMAX 1(A) / F1(HZ):125 /60;  
 I LN (A):112,5;  
 UK(%):2;  
 LN(MH):0,113;  
 TA/ISOKL:40 /B;  
 IP00;  
 TYPE OF TERMINALS:FLAT-TYPE TERMINAL;  
 EN 61558-2-20 >UL/CSA-RECOGNIZED< >CHOKE<

**General technical data:**

<b>Product designation</b>		Netzdrossel f. FU
<b>product brand name</b>		SIDAC
<b>Phase number</b>		3
<b>type of voltage</b>		AC
<b>Operating voltage / rated value</b>		
• minimum	V	400
• maximum	V	480
<b>Operating frequency / rated value</b>		
• minimum	Hz	50
• maximum	Hz	60
<b>Current</b>		
• for AC / rated value	A	112.5
• for AC / maximum	A	125
<b>Inductivity / rated value</b>	H	0.000113
<b>Relative inductive drop in voltage / on the measurement level current, voltage and frequency</b>	%	2
<b>Effective power loss of the coil</b>	W	76.5
<b>Effective power loss of the core</b>	W	23.8

**Mechanical design:**

<b>Design of the electrical connection / for main current circuit</b>		flat connector
<b>Width</b>	m	0.219
<b>Height</b>	m	0.179
<b>Depth</b>	m	0.143

#### Ambient conditions:

<b>Thermal class / according to IEC 60085</b>		B
<b>Ambient temperature / rated value</b>	°C	40
<b>Protection class IP</b>		IP00

#### Certificates/approvals:

##### Declaration of Conformity



#### Further information:

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

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

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

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

##### CAX-Online-Generator

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

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

<http://support.automation.siemens.com/WW/view/en/4EP4000-6US00/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=4EP4000-6US00](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=4EP4000-6US00)

last change:

Dec 2, 2013