



Figure similar

line reactor for frequency converter; phases: 3; Un1(V): 480; Ithmax 1(A) / F1(Hz): 50 /60; I LN (A): 45; UK(%): 2; LN(MH): 0.282; temperature rise/insulation class: 40 /B; IP00; connection: flat-type; EN 61558-2-20 >UL/CSA-recognized< >reactor<

General technical data		
product designation		Netzdrossel f. FU
phase number		3
type of voltage		AC
operating voltage rated value	V	400, 480
operating frequency rated value	Hz	50 ... 60
• — operational current at AC rated value — current at AC maximum	A	45
	A	50
inductivity rated value	H	0.00028
relative inductive drop in voltage for rated value of the current, voltage and frequency	%	2
power loss [W] of the coil	W	54
power loss [W] of the iron core	W	19.2
Mechanical data		
type of electrical connection for main current circuit		flat connector
width	m	0.178
height	m	0.153
depth	m	0.12
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	Environment



[Confirmation](#)

[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=4EP3800-2US00>

Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4EP3800-2US00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4EP3800-2US00>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EP3800-2US00&lang=en

last modified:

4/8/2025 