SIEMENS

Data sheet 4EP3700-2US00



Figure similar

line reactor for frequency converter; phases: 3; Un1(V): 480; Ithmax 1(A) / F1(Hz): 35.5 /60; I LN (A): 31.95; UK(%): 2; LN(MH): 0.397; temperature rise/insulation class: 40 /B; IP00; connection: screw connection; 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	A	31.95
— current at AC maximum	A	35.5
inductivity rated value	H	0.0004
relative inductive drop in voltage for rated value of the current, voltage and frequency	%	2
power loss [W] of the coil	W	49.6
power loss [W] of the iron core	W	9.7
Mechanical data		
type of electrical connection for main current circuit		screw-type terminals
width	m	0.178
height	m	0.153
depth	m	0.105
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
EAC, CE EG-Konf., UKCA	Confirmation, 产品合格 QC PASS	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)

Subject to change without notice
© Copyright Siemens

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4EP3700-2US00

Cax online generator

https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4EP3700-2US00

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

https://support.industry.siemens.com/cs/ww/en/ps/4EP3700-2US00

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EP3700-2US00&lang=en

---

last modified: 4/8/2025

Subject to change without notice
© Copyright Siemens