



MAINS CHOKE F.FU; PHASES:3; UN1(V):480; ITHMAX 1(A) / F1(HZ):63 /60; I LN (A):56,7; UK(%):2; LN(MH):0,224; TA/ISOKL:40 /B; IP00; TYPE OF TERMINALS:FLAT-TYPE TERMINAL; EN 61558-2-20 >UL/CSA-RECOGNIZED< >CHOKE<

| 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                         | 56.7              |
| — current at AC maximum                                                                  | A                         | 63                |
| inductivity rated value                                                                  | H                         | 0.00022           |
| 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                         | 13                |
| 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                                                                 | Declaration of Conformity | other             |



[Confirmation](#)

### Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=4EP3800-7US00>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4EP3800-7US00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4EP3800-7US00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4EP3800-7US00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EP3800-7US00&lang=en)

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