



Figure similar

line reactor for frequency converter; phases: 3; Un1(V): 480; Ithmax 1(A) / F1(Hz): 40 /60; I LN (A): 36; UK(%): 2; LN(MH): 0.352; 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            |
| •<br>— operational current at AC rated value<br>— current at AC maximum                  | A     | 36                   |
|                                                                                          | A     | 40                   |
|                                                                                          |       |                      |
| inductivity rated value                                                                  | H     | 0.00035              |
| relative inductive drop in voltage for rated value of the current, voltage and frequency | %     | 2                    |
| power loss [W] of the coil                                                               | W     | 41.8                 |
| power loss [W] of the iron core                                                          | W     | 11.4                 |
| 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          |



Confirmation



Environmental Confirmations

| Further information                                       |                                                                                                                                         |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Information on the packaging                              | <a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a> |
| Information for data generation and storage               | <a href="https://support.industry.siemens.com/cs/ww/en/view/109995012">https://support.industry.siemens.com/cs/ww/en/view/109995012</a> |
| Information- and Downloadcenter (Catalogs, Brochures,...) | <a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>                                                                 |
| Industry Mall (Online ordering system)                    |                                                                                                                                         |

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4EP3700-5US00>

**Cax online generator**

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4EP3700-5US00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4EP3700-5US00>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4EP3700-5US00&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EP3700-5US00&lang=en)

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