



Figure similar

COMMUTATING CHOKE FOR CONVERTER; PHASES:1;  
UN1(V):400; ITHMAX 1(A) / F1(HZ):35,5 /50; I LN (A):31,95;  
UK(%):4; LN(MH):1,36; TA/ISOKL:40 /B; IP00; TYPE OF  
TERMINALS:SCREW CONNECTION; EN 61558-2-20 >CHOKE<

| General technical data                                                                                                                                      |       |                                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------|
| product designation                                                                                                                                         |       | Kommut.-Drossel f. Stromrichter |
| phase number                                                                                                                                                |       | 1                               |
| type of voltage                                                                                                                                             |       | AC                              |
| operating voltage rated value                                                                                                                               | V     | 400                             |
| operating frequency rated value                                                                                                                             | Hz    | 50                              |
| <ul style="list-style-type: none"><li>— operational current at AC rated value</li><li>— current at AC maximum</li><li>● current at DC rated value</li></ul> | A     | 31.95                           |
|                                                                                                                                                             | A     | 35.5                            |
|                                                                                                                                                             | A     | 43.5                            |
|                                                                                                                                                             |       |                                 |
| inductivity rated value                                                                                                                                     | H     | 0.0014                          |
| relative inductive drop in voltage for rated value of the current, voltage and frequency                                                                    | %     | 4                               |
| power loss [W] of the coil                                                                                                                                  | W     | 22                              |
| power loss [W] of the iron core                                                                                                                             | W     | 36                              |
| Mechanical data                                                                                                                                             |       |                                 |
| type of electrical connection for main current circuit                                                                                                      |       | screw-type terminals            |
| width                                                                                                                                                       | m     | 0.121                           |
| height                                                                                                                                                      | m     | 0.131                           |
| depth                                                                                                                                                       | m     | 0.128                           |
| 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 |                                 |



[Confirmation](#)

| 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- and Downloadcenter (Catalogs, Brochures,...)                                                                                                                     |  |
| <a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>                                                                                                       |  |
| Industry Mall (Online ordering system)                                                                                                                                        |  |
| <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4EM5212-8CB00">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=4EM5212-8CB00</a> |  |

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=4EM5212-8CB00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/4EM5212-8CB00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=4EM5212-8CB00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=4EM5212-8CB00&lang=en)

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